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ComponentOne

# True DBGrid for WinForms

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**ComponentOne, a division of GrapeCity**

201 South Highland Avenue, Third Floor  
Pittsburgh, PA 15206 • USA

**Internet:** [info@ComponentOne.com](mailto:info@ComponentOne.com)

**Web site:** <http://www.componentone.com>

**Sales**

E-mail: sales@componentone.com

Telephone: 1.800.858.2739 or 1.412.681.4343 (Pittsburgh, PA USA Office)

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## ComponentOne True DBGrid for WinForms

**ComponentOne True DBGrid for WinForms** is a set of robust, easy-to-use .NET grid controls that allow you to create complex bound and unbound grid applications quickly. **True DBGrid for WinForms**'s strength is data binding; with an ADO.NET managed database interface, **True DBGrid for WinForms** offers features like Excel-like split views and built-in hierarchical binding and grouping that'll boost end-user productivity. Ease of use extends to the developer, too; controls are based on Microsoft specifications, so you'll have no problems using **ComponentOne True DBGrid for WinForms** if you're familiar with the Microsoft .NET object and collection models.

With two controls, [C1TrueDBGrid](#), a full-featured grid control, and [C1TrueDBDropDown](#), a multicolumn drop-down list box for a grid column, **ComponentOne True DBGrid for WinForms** includes dozens of advanced features including data access, data presentation (such as splits, grouping, filtering, and customized navigation), and user interface features (including Office 2007 and Office 2010 Visual Styles), that you can use to build intuitive, reliable, professional-looking grid applications.

For a list of the latest features added to **ComponentOne Studio for WinForms**, visit [What's New in Studio for WinForms](#).

### Getting Started

Get started with the following topics:

- [Key Features](#)
- [Quick Start](#)
- [Object Model](#)
- [Samples](#)
- [Tutorials](#)

## See Also

[Help with ComponentOne Studio for WinForms](#)

[Differences Between True DBGrid for WinForms and FlexGrid for WinForms](#)

[Migrating a True DBGrid for WinForms Project to Visual Studio 2005](#)

## [Help with ComponentOne Studio for WinForms](#)

### [Getting Started](#)

For information on installing **ComponentOne Studio for WinForms**, licensing, technical support, namespaces and creating a project with the control, please visit [Getting Started with Studio for WinForms](#).

## What's New

For a list of the latest features added to **ComponentOne Studio for WinForms**, visit [What's New in Studio for WinForms](#).

### Differences Between True DBGrid for WinForms and FlexGrid for WinForms

Many customers ask about the differences between our WinForms grid components. While both are robust, easy-to-use grid controls that allow you to browse, edit, add, delete, and manipulate tabular data, there are several reasons why you may want to use one over the other.

Both components can be used in bound or unbound mode, but **True DBGrid for WinForms** allows you to work more easily in bound mode. **True DBGrid for WinForms** is better suited for data binding and, therefore, offers more features in that area, including split views and built-in hierarchical binding and grouping.

**ComponentOne FlexGrid for WinForms**, on the other hand, is more suited for working with unbound data; **FlexGrid for WinForms** includes features that allow you to customize trees and take advantage of its cell merging capabilities. You can also derive from it to create customized grids.

If you plan to work with your grids in unbound mode or need to customize the grid beyond what the object model offers, **FlexGrid for WinForms** is the right choice. However, if you plan to use your grids mainly in bound mode and require advanced features such as splits and hierarchical views, **True DBGrid for WinForms** is the better choice.

If you have additional questions about **ComponentOne True DBGrid for WinForms** and **ComponentOne FlexGrid for WinForms**, please visit our Web site at <http://www.componentone.com>.

### Migrating a True DBGrid for WinForms Project to Visual Studio 2005

To migrate a project using ComponentOne components to Visual Studio 2005, there are two main steps that must be performed. First, you must convert your project to Visual Studio 2005, which includes removing any references to a previous assembly and adding a reference to the new assembly. Secondly, the .licx file, or licensing file, must be updated in order for the project to run correctly.

### To convert the project:

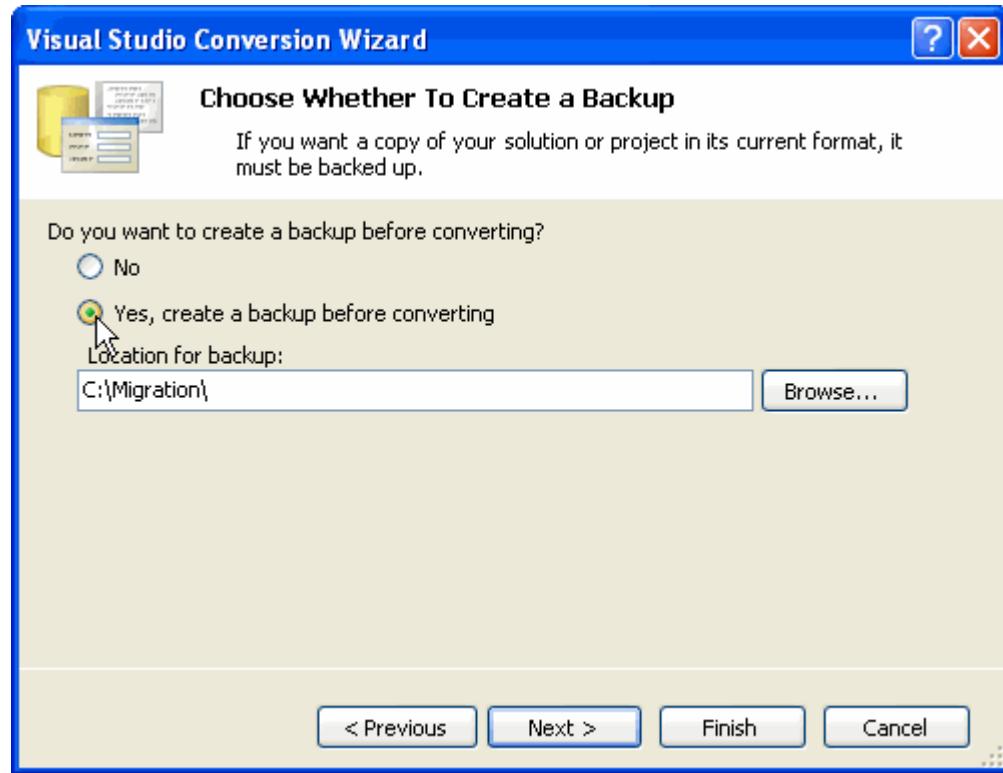
1. Open Visual Studio 2005 and select **File | Open Project**.

2. Locate the **.sln** file for the project that you wish to convert to Visual Studio 2005. Select it and click **Open**. The **Visual Studio Conversion Wizard** appears.



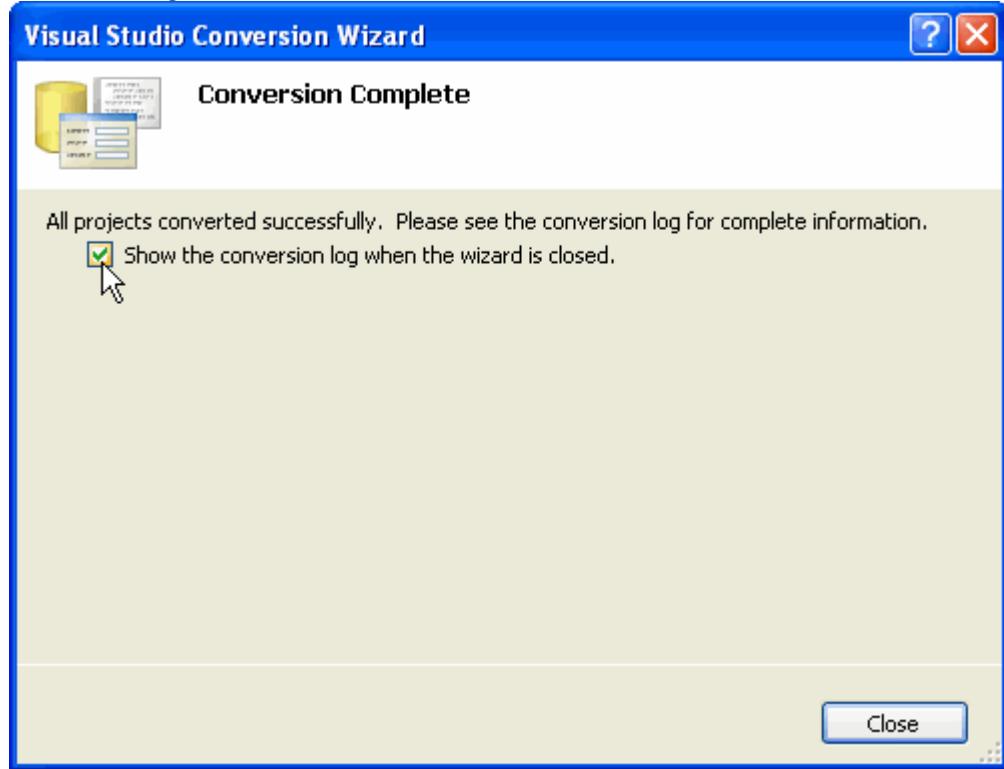
3. Click **Next**.

4. Select **Yes, create a backup before converting** to create a backup of your current project and click **Next**.



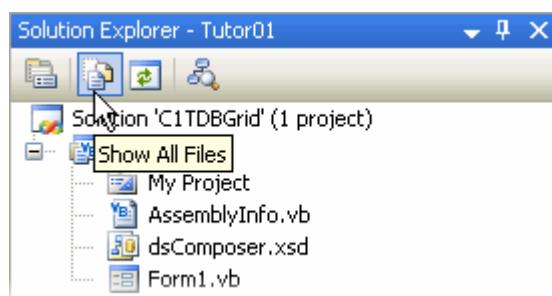
5. Click **Finish** to convert your project to Visual Studio 2005. The **Conversion Complete** window appears.

6. Click **Show the conversion log when the wizard is closed** if you want to view the conversion log.



7. Click **Close**. The project opens. Now you must remove references to any of the previous ComponentOne .dlls and add references to the new ones.
8. Go to the Solution Explorer (**View | Solution Explorer**) and click the **Show All Files** button.

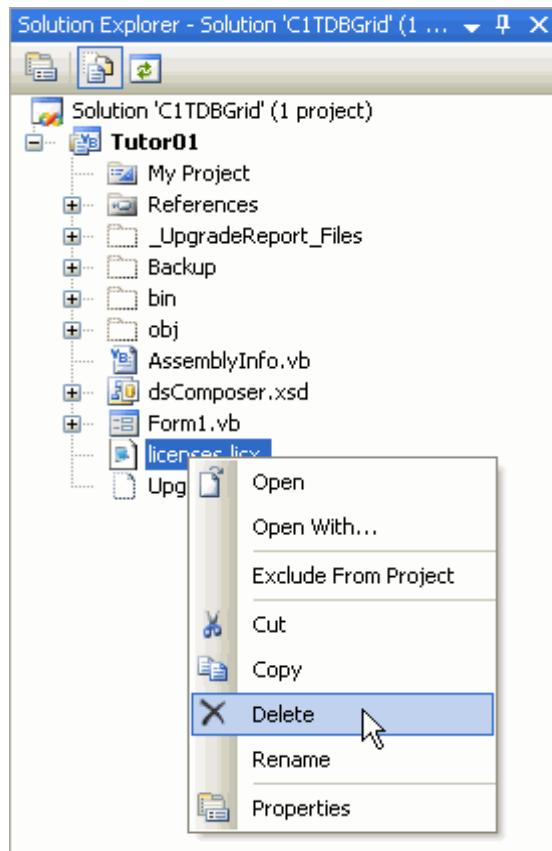
 **Note:** The **Show All Files** button does not appear in the Solution Explorer Toolbar if the Solution project node is selected.



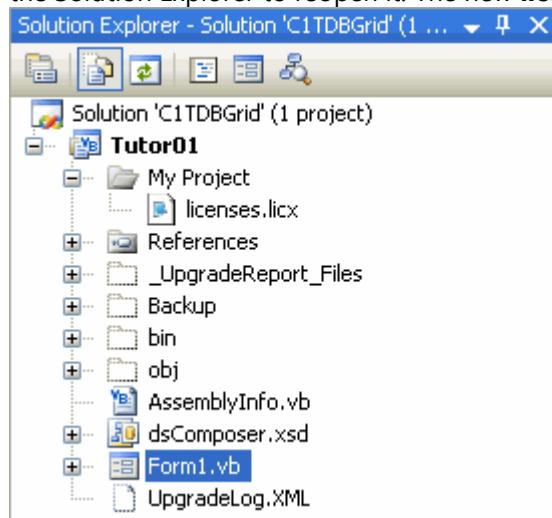
- 9.
10. Expand the **References** node, right-click **C1.Common** and select **Remove**. Also remove **C1.Win.C1TrueDBGrid** the same way.
11. Right-click the **References** node and select **Add Reference**.
12. Locate and select **C1.Win.C1TrueDBGrid.2.dll**. Click **OK** to add it to the project.

## To update the .licx file:

1. In the Solution Explorer, right-click the **licenses.licx** file and select **Delete**.



2. Click **OK** to permanently delete **licenses.licx**. The project must be rebuilt to create a new, updated version of the .licx file.
3. Click the **Start Debugging** button to compile and run the project. The new .licx file may not be visible in the Solution Explorer.
4. Select **File, Close** to close the form and then double-click the **Form.vb** or **Form.cs** file in the Solution Explorer to reopen it. The new **licenses.licx** file appears in the list of files.



The migration process is complete.

## Key Features

**ComponentOne True DBGrid for WinForms** includes dozens of advanced data access, data presentation, and user interface features that enable developers to build intuitive, professional-looking applications:

- **Extensive Design-time Support**

Design-time features, including SmartTags and full-featured editors allow you to intuitively create grid applications with little or no coding. For details, see [Design-Time Support](#).

- **Multiple Data Views**

Present data in the format that's most useful for you with GroupBy View and standard Microsoft Outlook-style grouping, Hierarchical Data Display, Form View, Inverted View, MultipleLines View, and MultipleLinesFixed View. See [Data Display](#) for more information.

- **Horizontal and Vertical Splits**

Excel-like splits let you split the grid horizontally, vertically, or both. Plus, you have control over how splits scroll, individually or together. For details, see [How to Use Splits](#).

- **Drop-Down Object Support**

Include a variety of drop-down objects for data entry, including a multicolumn control (the [C1TrueDBDropDown](#) control), a combo box, and a multiline text editor. See [Drop-Down Controls](#) for more information. Third-party drop-down controls also supported.

- **Multiple Export Options and Robust Print Options**

Export your grid to multiple formats including Delimited Text, Excel (XLS and XLSX), PDF, HTML, RTF, and more! For details see [Exporting Grid Data](#). Control printing fully with features such as zoom, fit in window, stop pagination, and print preview.



**Note:** C1TrueDBGrid's export and printing features use **ComponentOne Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

- **Office 2007 and 2010 Styling**

**True DBGrid for WinForms** supports Visual Styles that mimic the styles available in Office 2007 and Office 2010. You can set the Visual Style easily through the [VisualStyle](#) property. For more information about available Visual Styles, see [Visual Styles](#).

- **Universal .NET Data Binding**

**True DBGrid for WinForms** can bind to any .NET data source with little or no code, allowing you to create a fully-navigational database browser in seconds. See [Data Binding](#) for more information.

- **Designed to Microsoft Specifications**

**True DBGrid for WinForms** includes .NET objects designed according to Microsoft specifications so if you're familiar with the Microsoft .NET object and collection models, you'll have no problem using **True DBGrid for WinForms**.

- **Enhanced Keyboard Navigation**

With just one property setting, control the relative position of the next cell when end-users press the ENTER key. See [Navigation and Scrolling](#) for information.

- **Rich Scrolling Capabilities**  
Easily track the location of the scroll bar in the grid, set the vertical scroll bar thumb to scroll records as moved, and provide an informational pop-up during scrolling. See [Scroll Tracking and ScrollTips](#) and [Tutorial 22: Borders, Scroll Tracking, and Scroll Tips](#) for more information.
- **2D and 3D Cell Display**  
Choose two-dimensional, three-dimensional, or a combination of the two to control cell appearance to your specifications. See [Three-Dimensional vs. Flat Display](#) for more information.
- **Style Border Properties**  
Customize the appearance, size, color, and type of cell borders. See [Borders and Dividing Lines](#) for more information.
- **Excel and Word-Like Styles**  
Use hierarchical style objects to customize the grid's appearance with font, color, picture, and formatting specifications.
- **Alternating Row Colors**  
Add alternating row colors to the grid to enhance the readability of the grid's display. See [Alternating Row Colors](#) for more information.
- **In-Cell Objects**  
Add a variety of in-cell objects for data display and editing in the grid, including bitmaps, command buttons, check boxes, and radio buttons. See [In-Cell Buttons](#) for more information.
- **Automatic Data Translation**  
Automatically translate database values into alternate text or graphics without coding in the grid. For example, numeric codes can be rendered as words or even bitmaps. See [Automatic Data Translation with ValueItems](#) for details.
- **Data-Sensitive Display**  
Apply different styles to individual cells depending upon their contents. For example, show negative numbers in red, or fields containing a particular substring in bold. See [Applying Styles to Cells](#) for more information.
- **Input Masking**  
Assign input templates to columns in order to simplify the run-time data entry process and reduce end-user data entry errors. See [Input Masking](#) for details.
- **Filter Bar**  
Implement custom end-user operations such as incremental search and record set filtering using the filter bar, a special data entry row below the column headers. See [Filtering Data in DataSets](#) for more information.
- **Unbound Grids and Columns**  
Easily create an unbound grid – you can even add unbound columns to a bound grid. See [Using Unbound Columns](#) and [Creating an Unbound Grid](#) for details.
- **Run-Time CellTips**  
Add context-sensitive help for end-users by using cell tips in the grid. See [Context-Sensitive Help with CellTips](#) for details.
- **Fixed, Nonscrolling Columns**  
Create fixed, nonscrolling columns anywhere in the grid – create a fixed left or right-most column or even to fix a column in the middle of the grid. Creating fixed columns is also easy to do with splits. See [Freezing Columns](#) for more information.

- **Excel-style Cell Selection**  
Choose not only any row or column, but also any range of cells. See [Selection, Sorting, and Movement](#) for more information.
- **Automatic Column Sizing**  
Keep your data viewable by resizing columns proportionately whenever the grid is resized horizontally. See [Sizing and Splitting](#) for details.
- **Merge Contiguous Like-valued Cells**  
Merge adjacent rows of like-valued data from a specified column into a noneditable cell, or display all cell values individually. See [Data-Sensitive Cell Merging](#) for more information.
- **Simplify Data Entry**  
Reduce the number of keystrokes needed for drop-down selection with the **AutoDropdown** and **AutoCompletion** properties to simply end-user data entry.
- **Extensive Object Model**  
The **True DBGrid** has two separate column objects to help simplify the sometimes daunting object model. The **C1DataColumn** object contains all of the properties related to data and data processing, while the **C1DisplayColumn** object contains all of the properties related to the column's display. See [Object Model](#) for more information.
- **And Much More...**  
Customizable ENTER key behavior, drop-down hierarchical grid, tag property for column objects, right to left support, and a wide variety of print enhancements.

## True DBGrid for WinForms Quick Start

This quick start guide will walk you through the steps of creating a **ComponentOne True DBGrid for WinForms** application, binding the grid to a data source, and customizing the grid's appearance and behavior settings. You'll discover that you can easily create powerful database applications using **True DBGrid for WinForms**.

The quick start uses an Access database, **TDBGDemo.mdb**. The TDBGDemo.mdb database file is located in the **Common** subdirectory of the **ComponentOne Studio for WinForms** program. The tutorials assume that the database file TDBGDemo.mdb is in the **C:\Users\username\Documents\ComponentOne Samples\Common** (XP) or **C:\Documents and Settings\username\My Documents\ComponentOne Samples\Common** (7/Vista) directory, and refer to it by filename instead of the full pathname for the sake of brevity.

## See Also

[Step 1 of 3: Creating a True DBGrid for WinForms Application](#)

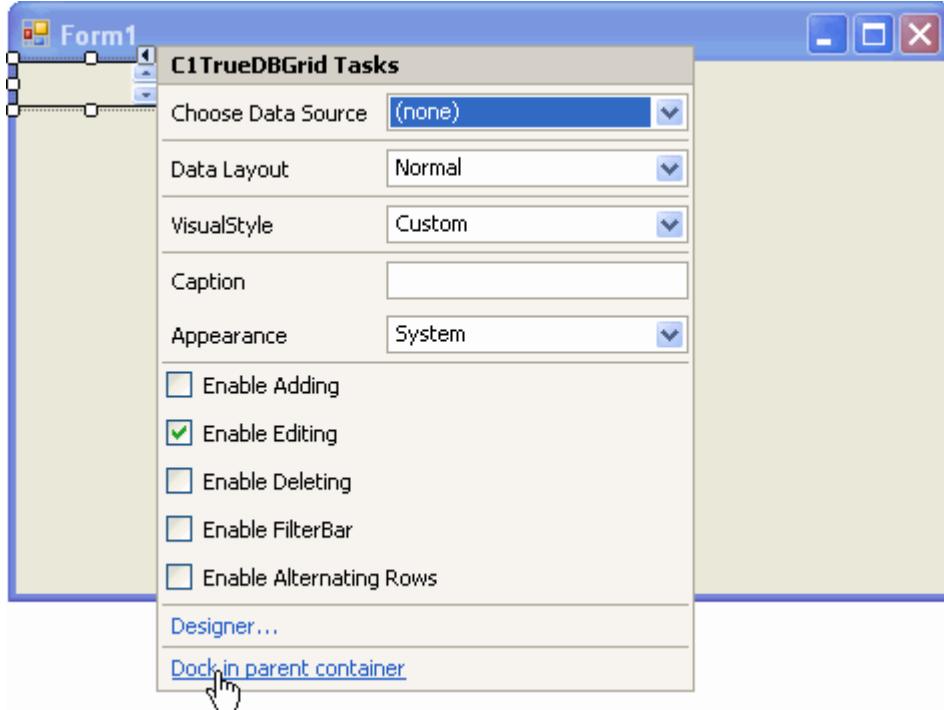
[Step 2 of 3: Binding True DBGrid for WinForms to a DataSet](#)

[Step 3 of 3: Customizing True DBGrid for WinForms Settings](#)

### Step 1 of 3: Creating a True DBGrid for WinForms Application

In this step you will add a **C1TrueDBGrid** control to the form and create a simple grid application. Complete the following steps:

1. Create a new .NET project.
2. Open the Visual Studio Toolbox and double-click the **C1TrueDBGrid** icon .
- The grid is added to the form and the **C1TrueDBGrid Tasks** menu appears.
3. In the **C1TrueDBGrid Tasks** menu, click **Dock in parent container** to dock the grid within the entire form. For more information on accessing the **C1TrueDBGrid Tasks** menu, see [C1TrueDBGrid Tasks Menu](#).



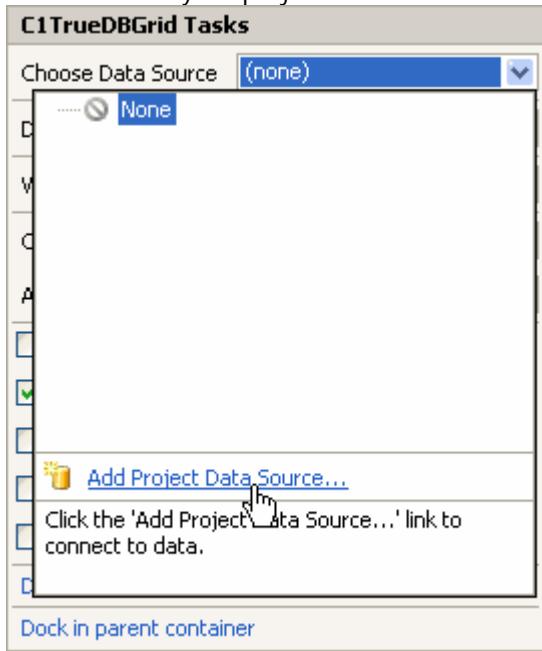
You've successfully created a simple grid application. In the next step, you'll learn how to bind the **C1TrueDBGrid** control to a data source.

## Step 2 of 3: Binding True DBGrid for WinForms to a DataSet

In this step, you'll learn how to bind a **C1TrueDBGrid** control to a **DataSet**. You will also learn about the basic **True DBGrid** properties and observe the run-time features of the grid. Complete the following steps to bind a **C1TrueDBGrid** control to a **DataSet**:

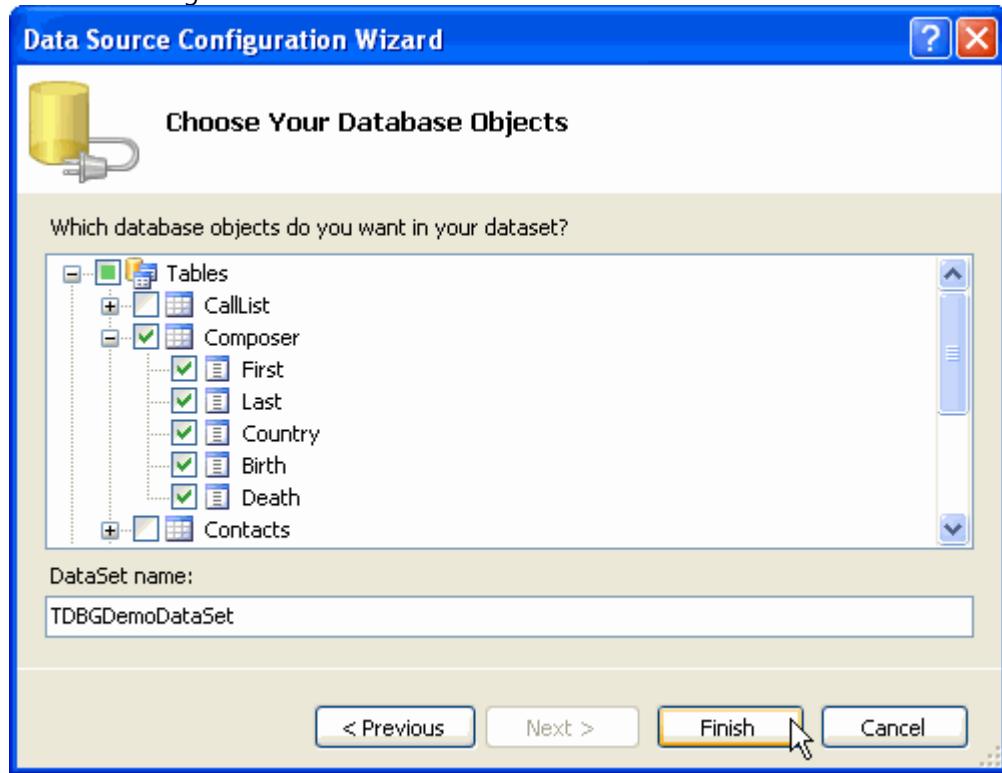
1. Click **C1TrueDBGrid1**'s smart tag to open the **C1TrueDBGrid Tasks** menu, select the **Choose Data Source** drop-down arrow, and click **Add Project Data Source** to add a new

data source to your project.



2. The **Data Source Configuration Wizard** appears and **Database** is selected. Click **Next**.
3. Click the **New Connection** button to locate and connect to a database.
4. Click the **Browse** button and locate **TDBGDemo.mdb** in the  
**C:\Users\username\Documents\ComponentOne Samples\Common** (XP) or  
**C:\Documents and Settings\username\My Documents\ComponentOne Samples\Common** (7/Vista) directory. Select it and click **Open**.
5. Click the **Test Connection** button to make sure that you have successfully connected to the database or server and click **OK**. The new string appears in the data connection drop-down list.
6. Click the **Next** button to continue. A dialog box will appear asking if you would like to add the data file to your project and modify the connection string. Click **No**.
7. In the next window, the **Yes, save the connection as** check box is checked by default and a name has been automatically entered in the text box. Click **Next** to continue.
8. In the **Choose Your Database Objects** window, you can select the tables and fields that you would like in your dataset. Select the **Composer** table.

The DataSet is given a default name in the **DataSet name** text box.



9. Click **Finish** to exit the wizard. The **DataSet**, **BindingSource** and **TableAdapter** now appear on your form.
10. Double-click the form. Notice that Visual Studio has added the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.ComposerTableAdapter.Fill(Me.DsComposer.Composer)</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.composerTableAdapter.Fill(this.DsComposer.Composer);</pre>	

## Run the program and observe the following:

Notice that the data from the **Composers** table is reflected in the grid:



First	Last	Country	Birth
Isaac	Albeniz	Spain	5/29/1860
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/1910
Bela	Bartok	Hungary	3/25/1881
Ludwig van	Beethoven	Germany	12/16/1770
Alban	Berg	Austria	2/9/1885
Luciano	Berio	Italy	10/10/1925
Hector	Berlioz	France	12/11/1803
Leonard	Bernstein	United States	8/25/1918
Georges	Bizet	France	10/25/1838
Ernest	Bloch	Switzerland	7/24/1880
Alexander	Borodin	Russia	11/12/1833
Johannes	Brahms	Germany	5/7/1833
Benjamin	Britten	England	11/22/1913
M...	Dvorak	C.....	1/2/1841

**True DBGrid** retrieves the database schema information from the DataSet and automatically configures itself to display all of the fields contained in the database table. Note that the field names are used as the default column headings.

Congratulations, you have successfully completed binding a **C1TrueDBGrid** control to a DataSet. In the next section you will customize the **C1TrueDBGrid** control's appearance and behavior settings.

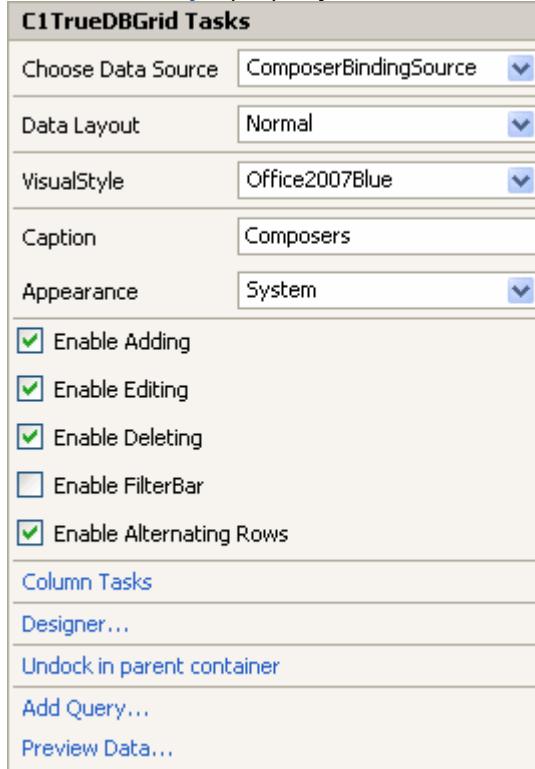
### Step 3 of 3: Customizing True DBGrid for WinForms Settings

In the previous steps you've added **C1TrueDBGrid** to a project, set up the grid, and bound the grid to a data source. In this step you'll customize the grid's appearance and behavior settings.

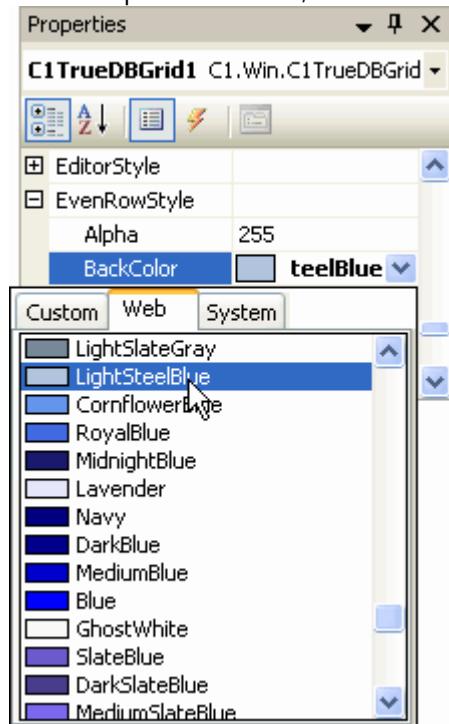
Complete the following steps:

1. Switch to **Design** view and click on **C1TrueDBGrid1**'s smart tag to open the **C1TrueDBGrid Tasks** menu.
2. In the **C1TrueDBGrid Tasks** menu set the following properties:
  - o Set **Caption** property to "Composers" to add a caption to the grid.
  - o Select the **Enable Adding** and **Enable Editing** check boxes to set the **AllowAddNew** and **AllowUpdate** properties to **True** and allow users to edit the grid.
  - o Select **Enable Alternating Rows** to set the **AlternatingRows** property to **True**.

- o Set the [VisualStyle](#) property to **Office2007Blue** to set the grid's appearance.

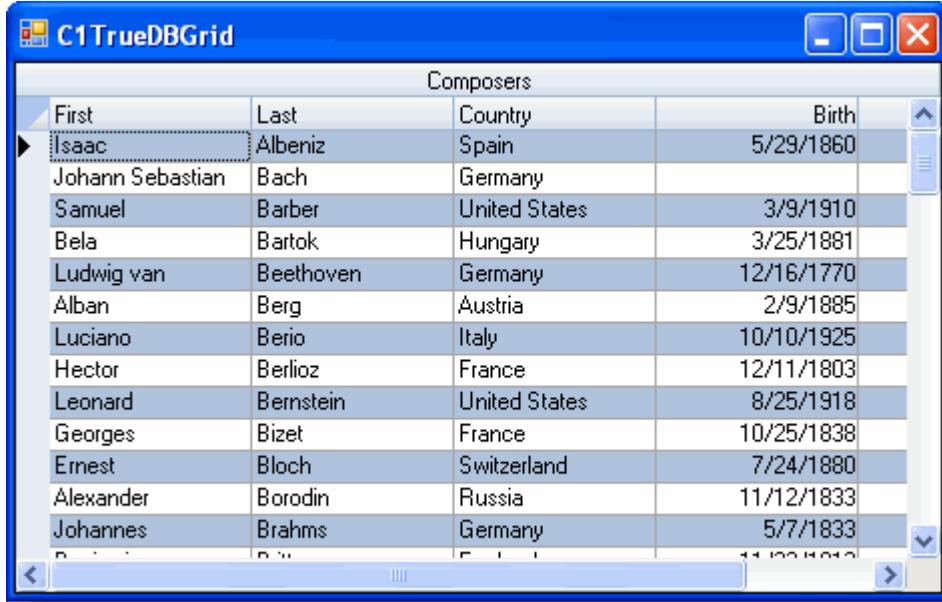


3. In the Properties window, set the [EvenRowStyle.BackColor](#) property to **LightSteelBlue**.



**Run the program and observe:**

You've customized the **C1TrueDBGrid** control. Notice that you've changed the appearance of the grid and can now add and edit the grid's content.



Congratulations, you've completed the **True DBGrid** quick start! You've created a **True DBGrid for WinForms** application, bound the grid to a data source, and changed the grid's appearance and behavior settings without writing a single line of code.

## True DBGrid for WinForms Top Tips

The following tips were compiled from frequently asked user questions posted in the [C1TrueDBGrid newsgroup and forum](#).

### Tip 1: Use the SetDataBinding method to keep layout of grid intact.

If the DataSource is reset through code, it will show all of the data in the grid and will not keep the initial layout created with the Designer.

You can ensure that the grid layout remains as designed by using the `SetDataBinding` method with the **HoldFields** parameter set to **True**. For example:

To write code in Visual Basic

```
Visual Basic
```

```
C1TrueDBGrid1.SetDataBinding(DbDataSet, "Customer", True)
```

To write code in C#

C#	
----	--

```
this.c1TrueDBGrid1.SetDataBinding(this.DbDataSet, "Customer", true);
```

## Tip 2: Setting column styles through FetchCellStyle event.

Since columns can be moved and sorted, you should generally be careful about using the display column index and the column index as these may refer to different columns.

You can ensure that a style is associated with a particular display column. In the following example, a style is associated with a display column through the [FetchCellStyle](#) event:

To write code in Visual Basic

Visual Basic	
--------------	--

```
Private Sub C1TrueDBGrid1_FetchCellStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs) Handles C1TrueDBGrid1.FetchCellStyle
    If Me.C1TrueDBGrid1.Splits(0).DisplayColumns(e.Col).DataColumn.Value.GetType Is GetType(Integer) Then
        e.CellStyle.ForeColor = Color.Red
    End If
End Sub
```

To write code in C#

C#	
----	--

```
private void c1TrueDBGrid1_FetchCellStyle(object sender, FetchCellStyleEventArgs
```

```

e)
{
    if
(this.c1TrueDBGrid1.Splits[0].DisplayColumns[e.Col].DataColumn.Value.GetType()
== typeof(string))
{
    eCellStyle.ForeColor = Color.Red;
}
}

```

## Tip 3: Getting current column and row number of the Grid.

It can be really useful to find out what cell a user is interacting with, or what cell is currently selected. Getting the column number and row number of the selected cell is very simple to do.

For example, the following code determines and displays the row and column number of the current cell:

[To write code in Visual Basic](#)

Visual Basic

```

Me.C1TrueDBGrid1.Row = Me.C1TrueDBGrid1.RowContaining(C1TrueDBGrid1.Row)
Me.C1TrueDBGrid1.Col = Me.C1TrueDBGrid1.ColContaining(C1TrueDBGrid1.Col)
MessageBox.Show("The number of the column is " & Me.C1TrueDBGrid1.Col & " the
row row number is " & Me.C1TrueDBGrid1.Row)

```

[To write code in C#](#)

C#

```

this.c1TrueDBGrid1.Row = this.c1TrueDBGrid1.RowContaining(c1TrueDBGrid1.Row);
this.c1TrueDBGrid1.Col = this.c1TrueDBGrid1.ColContaining(c1TrueDBGrid1.Col);
MessageBox.Show("The number of the column is " + this.c1TrueDBGrid1.Col + " the
row row number is " + this.c1TrueDBGrid1.Row);

```

## Tip 4: Stop users from collapsing the grid into the normal data view when in the hierarchical data view

When the grid is in the hierarchical data view you can easily stop users from collapsing the grid back to the normal data view.

Using the [Collapse](#) event, set **e.Cancel = True** to prevent users from collapsing the expand icon. For example:

To write code in Visual Basic

Visual Basic

```
Private Sub C1TrueDBGrid1_Collapse(ByVal sender As System.Object, ByVal e As  
C1.Win.C1TrueDBGrid.BandEventArgs) Handles C1TrueDBGrid1.Collapse  
    e.Cancel = True  
End Sub
```

To write code in C#

C#

```
private void c1TrueDBGrid1_Collapse(object sender, BandEventArgs e)  
{  
    e.Cancel = true;  
}
```

## Object Model

**ComponentOne True DBGrid for WinForms** was developed using the latest .NET technologies. The **True DBGrid for WinForms** controls and their programmable components are all .NET objects designed according to Microsoft specifications. If you're already familiar with the Microsoft .NET object and collection models, you'll have no problem using **True DBGrid for WinForms**.

If you're new to Visual Studio, please read [Working with Objects and Collections](#), which illustrates how to manipulate **True DBGrid for WinForms** objects in code. Although individual objects are designed to perform different tasks, the techniques used to manipulate them are the same. Once

you have mastered these common programming constructs, using Visual Studio .NET controls will be quite easy and intuitive.

Regardless of your experience level, please read the following section, as it provides a thumbnail sketch of all **True DBGrid for WinForms** objects and collections.

## See Also

[True DBGrid for WinForms Objects and Collections](#)

[C1TrueDBGrid Class](#)

[C1TrueDBDropDown Class](#)

[C1DataColumnCollection Class](#)

[C1DisplayColumnCollection Class](#)

[GroupedColumnCollection Class](#)

[SplitCollection Class](#)

[GridStyleCollection Class](#)

[ValueItems Class](#)

[PrintInfo Class](#)

[PrintPreviewWinSettings Class](#)

[HBar Class](#)

[VBar Class](#)

[GridLines Class](#)

[GridBorders Class](#)

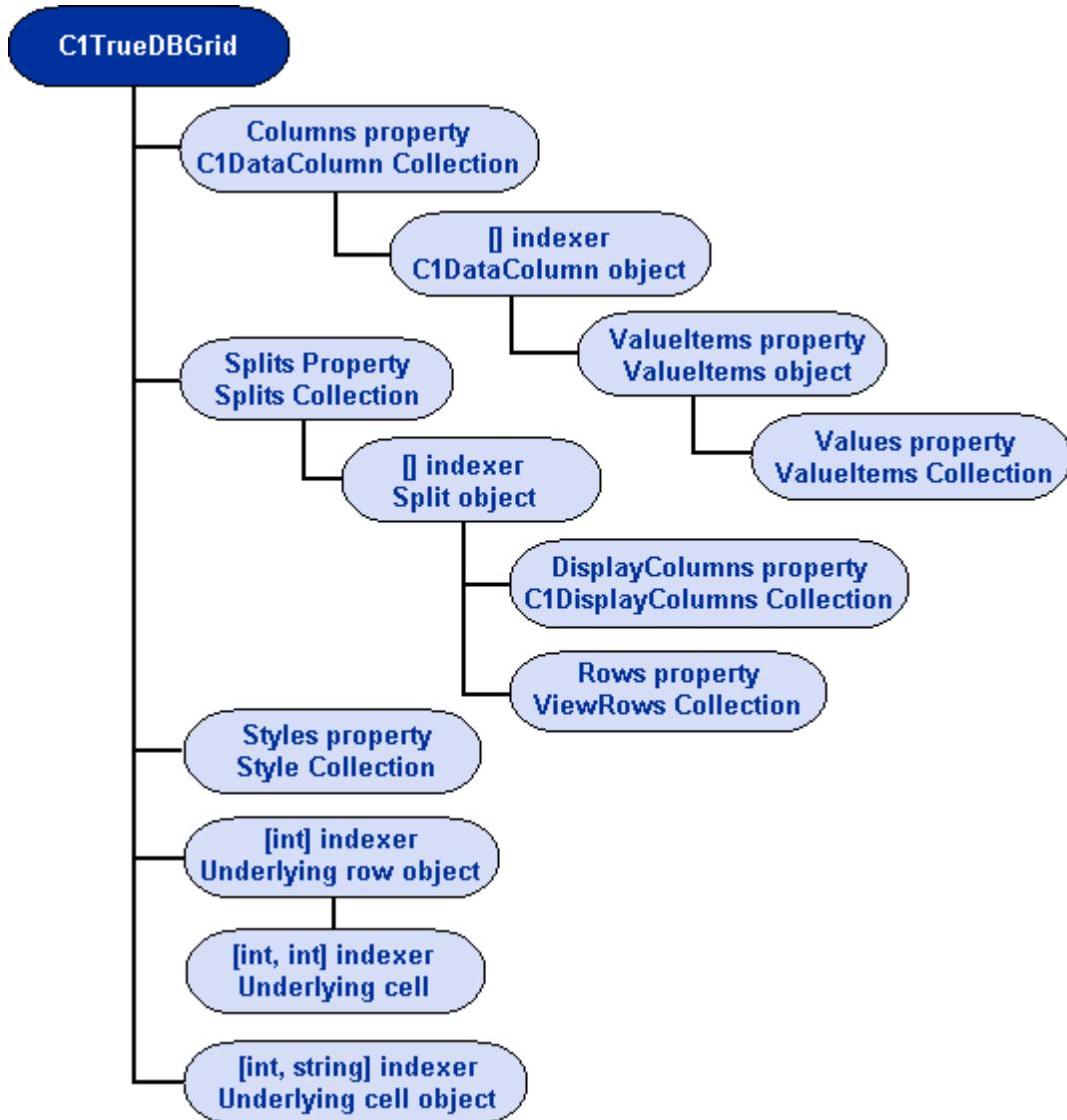
[SelectedRowCollection Class](#)

[SelectedColumnCollection Class](#)

[Working with Objects and Collections](#)

## True DBGrid for WinForms Objects and Collections

ComponentOne True DBGrid for WinForms has a rich object model with the following elements:



**True DBGrid for WinForms** provides a rich set of properties, methods, and events that enable you to develop sophisticated database applications. The organization imposed by **True DBGrid**'s object model makes it easier to work with such a large feature set.

Objects and collections that refer to visual entities, such as columns, can be customized in the designer or in code. Objects and collections that refer to abstract entities, such as arrays and bookmarks, are only available in code.

Two controls are available in the .NET Toolbox for addition into a project:

Control	Description

<a href="#">C1TrueDBGrid</a>	<b>True DBGrid for WinForms</b> grid control.
<a href="#">C1TrueDBDropDown</a>	<b>True DBGrid for WinForms</b> drop-down box control.

The namespace for **True DBGrid for WinForms** also contains definitions for the following objects:

Object	Description
<a href="#">C1DataColumn</a>	Represents a column of data within a grid.
<a href="#">C1DisplayColumn</a>	Represents a column of data relative to a split.
<a href="#">GridLines</a>	Represents the gridlines which separate items in the grid.
<a href="#">HBar</a>	Represents the horizontal scroll bar and its properties.
<a href="#">PrintPreviewWinSettings</a>	Encapsulates the print preview window and its properties.
<a href="#">PrintInfo</a>	Encapsulates page setup and print job settings.
<a href="#">Split</a>	Represents a group of adjacent columns that scroll as a unit.
<a href="#">Style</a>	Encapsulates font, color, picture, and formatting information.
<a href="#">ValueItems</a>	Encapsulates both the Values collection and ValueItem properties.
<a href="#">ValueItem</a>	Allowable column input values, with optional translation.
<a href="#">VBar</a>	Represents the vertical scroll bar and its properties.

A *collection* is an object used to group similar data items, such as grid columns or styles. In general, a group of similar items in **True DBGrid for WinForms** is implemented as a collection. Since a collection is an object, it can be manipulated in code just like any other object. **True DBGrid in WinForms** exposes the following collections:

Collection	Description

Collection	Description
<a href="#">C1 DataColumnCollection</a>	Contains zero or more <a href="#">C1 DataColumn</a> objects in a grid.
<a href="#">C1 DisplayColumnCollection</a>	Contains zero or more <a href="#">C1 DisplayColumn</a> objects in a grid.
<a href="#">GroupedColumnCollection</a>	Contains zero or more <a href="#">C1 DataColumn</a> objects in the grouping area.
<a href="#">SelectedRowCollection</a>	Contains zero or more selected row indexes.
<a href="#">SelectedColumnCollection</a>	Contains zero or more <a href="#">C1 DataColumn</a> objects that represent selected columns.
<a href="#">SplitCollection</a>	Contains one or more <a href="#">Split</a> objects in a grid.
<a href="#">GridStyleCollection</a>	Contains built-in and user-defined <a href="#">Style</a> objects for a grid.
<a href="#">ValueItemCollection</a>	Contains zero or more <a href="#">ValueItem</a> objects for a column.

The following sections provide a brief overview of **True DBGrid for WinForm**'s objects and collections.

## C1TrueDBGrid Class

The **C1TrueDBGrid** control is the primary object of **True DBGrid for WinForms**. Use its [C1 DataColumnCollection](#) and [C1 DisplayColumnCollection](#) objects to create, access, and modify the column objects that define the mappings between the grid's physical columns and the underlying database fields. Using its [SplitCollection](#) object, the grid can be divided into multiple horizontal or vertical panes to provide different views of the same data source.

## See Also

[Design-Time Support](#)

[Run-Time Interaction](#)

[C1TrueDBGrid Class](#)

## C1TrueDBDropDown Class

The [C1TrueDBDropDown](#) control, which is a subset of the [C1TrueDBGrid](#) control, is used as a multicolumn drop-down list box for a grid column. The C1TrueDBDropDown control cannot be used as a standalone control.

In the designer, place a C1TrueDBDropDown control on a form just as you would a [C1TrueDBGrid](#) control. However, the drop-down control will be invisible at run time unless it is attached to a [C1DataColumn](#) object of a [C1TrueDBGrid](#) control.

To use the drop-down control, set the [DropDown](#) property of a grid column to the name of a C1TrueDBDropDown control at either in the designer or in code. At run time, when the user clicks the in-cell button for that column, the C1TrueDBDropDown control will appear below the grid's current cell. If the user selects an item from the drop-down control, the grid's current cell is updated. The C1TrueDBDropDown control also supports incremental search.

## See Also

[Using the C1TrueDBDropDown Control](#)

[C1TrueDBDropdown Class](#)

## C1DataColumnCollection Class

The [C1TrueDBGrid](#) control and the [C1TrueDBDropDown](#) control both maintain a [C1DataColumnCollection](#) object to hold and manipulate [C1DataColumn](#) objects. This collection is contained under the [C1TrueDBGrid](#) object, and can be modified through the [C1TrueDBGrid Designer](#). It can be accessed through the [Columns](#) property of the [True DBGrid for WinForms](#) controls.

## C1DataColumn Object

Each column within a [C1TrueDBGrid](#) or [C1TrueDBDropDown](#) control is represented by two column objects, one global and one split-specific. All of the properties related to data access and formatting are contained under the [C1DataColumn](#) object. The properties of the [C1DataColumn](#) object are global in scope; changing a [C1DataColumn](#) property changes that value for all columns, even across splits. The [C1DataColumn](#) object can be accessed as follows:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Columns(0).Caption = "Region"
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Columns[0].Caption = "Region";
```

## See Also

[Using the C1TrueDBGrid Designer](#)

[C1DataColumn Properties](#)

[C1DataColumn Class](#)

## C1DisplayColumnCollection Class

The [C1TrueDBGrid](#) control and the [C1TrueDBDropDown](#) control both maintain a [C1DisplayColumnCollection](#) object to hold and manipulate [C1DisplayColumn](#) objects. This collection is contained under the [Split](#) object, and is available through the Split's [DisplayColumns](#) property. In addition, this collection can be modified in .NET through the [C1DisplayColumnCollection Editor](#). For more information, see [Using the C1DisplayColumnCollection Editor](#).

## C1DisplayColumn Class

Each split within the grid contains at least one [C1DisplayColumn](#) object. All of the properties related to a column's display are contained under this object. Unlike the [C1DataColumn](#) properties, the properties of the [C1DisplayColumn](#) object are split-specific. Changing a [C1DisplayColumn](#) property will change that value for only the specified column inside the specified split. The object can be accessed as follows:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Splits(0,0).DisplayColumns(0).Style.ForeColor =  
System.Drawing.Color.Blue
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Splits[0,0].DisplayColumns[0].Style.ForeColor =
```

```
System.Drawing.Color.Blue;
```

## See Also

[Using the C1DisplayColumnCollection Editor](#)

[C1DisplayColumn Class](#)

## GroupedColumnCollection Class

When the [DataView](#) property is set to [DataViewEnum.GroupBy](#), a grouping area is created above the grid. This collection object represents the columns ([C1 DataColumn](#) object) in the grouping area. As columns are dragged into or dragged out of the grouping area, the corresponding column in the collection will be added or deleted.

## See Also

[Column Grouping](#)

[GroupedColumnCollection Class](#)

## SplitCollection Class

The [C1TrueDBGrid](#) control maintains a [SplitCollection](#) collection to hold and manipulate [Split](#) objects. A grid has one split by default, but may contain multiple splits. This collection is accessed using the [Splits](#) property of the [C1TrueDBGrid](#). In addition this collection can be modified in .NET through the [Split Collection Editor](#). See [Using the Split Collection Editor](#) for more information.

### Split Object

**True DBGrid for WinForms** supports Excel-like splits that divide the grid into vertical and horizontal panes to provide users with different views of the data source. Each split is represented by a [Split](#) object and contains a group of adjacent columns that scroll as a unit.

When a [C1TrueDBGrid](#) control is created, it contains one [Split](#) object by default. Many of the properties of the [Split](#) object also apply to the [C1TrueDBGrid](#) control as a whole, so there is no need to be concerned with splits until needed such as when creating fixed, nonscrolling columns. The object can be accessed as follows:

[To write code in Visual Basic](#)

Visual Basic	
Me.C1TrueDBGrid1.Splits(0).Caption = "Split00"	

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Splits[0].Caption = "Split00";
```

## See Also

[How to Use Splits](#)

[Using the Split Collection Editor](#)

[Split Class](#)

## GridStyleCollection Class

The [C1TrueDBGrid](#) and [C1TrueDBDropDown](#) controls store all built-in and user-defined [Style](#) objects in the [GridStyleCollection](#) object. Access the members of this collection by name in code, and then apply them to a grid, column, or split in order to control the appearance of the object in question. This collection is accessed using the [Styles](#) property in the **True DBGrid for WinForms** controls. In addition, this collection and its members can be modified in .NET through the [C1TrueDBGrid Style Editor](#).

## Style Object

[Style](#) objects encapsulate font, color, picture, and formatting information for a [C1TrueDBGrid](#), [C1TrueDBDropDown](#), [Split](#), or [C1DisplayColumn](#) object. The [Style](#) object is a very flexible and powerful tool that provides Excel- and Word-like formatting capabilities for controlling the appearance of the grid's display.

When a [C1TrueDBGrid](#) or [C1TrueDBDropDown](#) control is created, it contains ten built-in styles. Modify the built-in styles or add custom styles either in the designer or in code. Both controls also support several optional events that use [Style](#) objects to convey formatting information on a per-cell or per-row basis. The object can be accessed as follows:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Styles("Normal").Backcolor = System.Drawing.Color.Gray
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Styles["Normal"].Backcolor = System.Drawing.Color.Gray;
```

## See Also

[How to Use Styles](#)

[Using the C1TrueDBGrid Style Editor](#)

[Style Class](#)

## ValueItems Class

The [ValueItems](#) object contains a collection and a couple of properties that can create alternate display values for database values in the grid. It can specify an allowable input value for a given [C1 DataColumn](#) object, or it can also be used to translate raw data values into alternate text or graphics for display (for example, to display *Balance Due* and *Paid in Full* instead of the numeric data values 0 and 1). The [ValueItems](#) object contains display properties and a collection of [ValueItem](#) objects, the [ValueItemCollection](#). This object can be accessed as follows:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid.Columns(0).ValueItems.MaxComboItems = 5
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid.Columns[0].ValueItems.MaxComboItems = 5;
```

## See Also

[ValueItemCollection Class](#)

[ValueItem Class](#)

## ValueItemCollection Class

Each [C1 DataColumn](#) object within a [C1TrueDBGrid](#) or [C1TrueDBDropDown](#) control stores its set of display value/value pairs in objects called [ValueItem](#) objects. The [ValueItemCollection](#) object is a collection of these pairs. This collection can be accessed through the [Values](#) property of the

[ValueItems](#) object. For instance, in order to alter the first [ValueItem](#) in the collection, the code would look like:

To write code in Visual Basic

Visual Basic	
	<pre>Me.C1TrueDBGrid.Columns(0).ValueItems.Values(0).DisplayValue = "Canada"</pre>

## ValueItem Class

The [ValueItem](#) object consists of two properties: [DisplayValue](#) and [Value](#). The [Value](#) property specifies the underlying value in the database and the [DisplayValue](#) property specifies the value to be displayed in the grid. These objects are contained in the [ValueItemCollection](#) object, and can be edited in .NET's **ValueItemCollection Editor**. This editor is available in the **C1TrueDBGrid Designer** under the [ValueItems](#) object. For more information, see [Using the ValueItemCollection Editor](#).

## See Also

[Automatic Data Translation with ValueItems](#)

[Automatic Data Translation with C1TrueDBDropDown](#)

[Using the ValueItemCollection Editor](#)

[ValueItems Class](#)

[ValueItem Class](#)

## PrintInfo Class

The [PrintInfo](#) object is used to specify page layout and print job characteristics such as the name of the output device, margin settings, page headers and footers, and the number of copies to print.

The [PrintInfo](#) property of a [C1TrueDBGrid](#) control returns the object that modifies the print job.

The [PrintInfo](#) object is persistent, which means that a print layout can be defined at design time, and then recalled in code at run time.

## See Also

[PrintInfo Class](#)

### PrintPreviewWinSettings Class

The [PrintPreviewWinSettings](#) object provides access to properties of the Print Preview window of the grid. Through this object, page headers, page footers, and other visual aspects can be set to the preview window. This object is accessed through the [PreviewInfo](#) property of the [C1TrueDBGrid](#) control.

## See Also

[PrintPreviewWinSettings Class](#)

### HBar Class

The [HBar](#) object is used to specify properties of the horizontal scrollbar. Through the use of the [HScrollBar](#) property, the developer can specify the height of the scroll bar, and whether it shows up automatically or not at all.

## See Also

[HBar Class](#)

### VBar Class

The [VBar](#) object is used to specify properties of the vertical scrollbar. Through the use of the [VScrollBar](#) property, the developer can specify the width of the scroll bar, and whether it shows up automatically or not at all.

## See Also

[VBar Class](#)

### GridLines Class

The [GridLines](#) object is used to specify characteristics of the [ColumnDivider](#) and [RowDivider](#) properties. Both the color and style of the column and row lines can be manipulated at run time or design time through the use of the [GridLines](#) object.

## See Also

[GridLines Class](#)

## GridBorders Class

The [GridBorders](#) object is used to specify the characteristics of the [Borders](#) property of a [Style](#). This property sets the column borders for the cell. Through the use of this object, the developer can specify the width of each border around a cell and the color of the cell border.

## See Also

[GridBorders Class](#)

## SelectedRowCollection Class

When the user selects and highlights one or more rows of a [C1TrueDBGrid](#) control at run time, the row index of the selected rows are stored in the [SelectedRowCollection](#) object. In code, the [Item](#) property and [IndexOf](#) method of the collection can be used to determine which rows are selected. Also select and deselect records programmatically using its [Add](#) and [RemoveAt](#) methods.

## SelectedColumnCollection Class

When the user selects and highlights one or more columns of a [C1TrueDBGrid](#) control at run time, the [C1 DataColumn](#) objects for those rows are stored in the [SelectedColumnCollection](#) object. In code, use the [Item](#) property and [IndexOf](#) method of the collection to determine which rows are selected. Also select and deselect records programmatically using its [Add](#) and [RemoveAt](#) methods.

## Working with Objects and Collections

This section describes how to work with objects and collections in code, with an emphasis on efficiency. Although the concepts are illustrated with **True DBGrid for WinForms** objects and collections, the same fundamentals can be applied to all Visual Studio objects and collections.

A [C1TrueDBGrid](#) object is created when a **True DBGrid for WinForms** control is placed on a form. [C1TrueDBGrid](#) objects created in Visual Studio will have default names of C1TrueDBGrid1, C1TrueDBGrid2, and so forth. The control name can be changed in the Properties window at design time.

## See Also

[Working with Collections](#)

## Working with Collections

A [C1TrueDBGrid](#) object has eight separate collections that govern its diverse objects. Each of these collections has an associated property within the [C1TrueDBGrid](#) object that returns the collection object. This prevents the need for the developer to enter the entire collection name when using the grid in code. The following table outlines these mappings:

Collection	Associated Property
------------	---------------------

Collection	Associated Property
C1 DataColumnCollection	Columns property
C1 DisplayColumnCollection	DisplayColumns property
GridStyleCollection	Styles property
SelectedColumnCollection	SelectedCols property
SelectedRowCollection	SelectedRows property
SplitCollection	Splits property
ValueItemCollection	Values property

By default, the [SplitCollection](#) object contains one [Split](#) object. The [GridStyleCollection](#) object contains ten default [Style](#) objects: **Normal, Heading, Footing, Selected, Caption, HighlightRow, EvenRow, OddRow, RecordSelector, and FilterBar**.

Reference an object in a collection using its zero-based index. Read or set the [Split](#) object's properties as follows:

#### To write code in Visual Basic

Visual Basic	
<pre>' Read a Split object property. variable = Me.C1TrueDBGrid1.Splits(0).Property  ' Set a Split object property. Me.C1TrueDBGrid1.Splits(0).Property = variable</pre>	

#### To write code in C#

C#	

```
// Read a Split object property.
variable = this.c1TrueDBGrid1.Splits[0].Property;

// Set a Split object property.
this.c1TrueDBGrid1.Splits[0].Property = variable;
```

Create a reference to an object in a collection using the collection's **Item** method. The following code creates a reference to a grid's default [Split](#) object:

#### To write code in Visual Basic

Visual Basic	
--------------	--

```
' Declare Split0 as a Split object.
Dim Split0 As C1.Win.C1TrueDBGrid.Split

' Set Split0 to reference the first Split in the collection.
Split0 = Me.C1TrueDBGrid1.Splits(0)
```

#### To write code in C#

C#	
----	--

```
// Declare Split0 as Split object.
C1.Win.C1TrueDBGrid.Split Split0;

// Set Split0 to reference the first Split in the collection.
Split0 = this.c1TrueDBGrid1.Splits[0];
```

Note the use of the namespace qualifier in the preceding example. Using the namespace qualifier is recommended in order to resolve potential naming conflicts with other controls. For example, if another control is used in the same project that also defines an object named [Split](#), the **True DBGrid for WinForms** namespace qualifier is required, as is the namespace qualifier for the other control.

Since the **Item** method is implicit for collections, it can be omitted:

#### To write code in Visual Basic

Visual Basic

```
' Declare Split0 as a Split object.  
Dim Split0 As C1.Win.C1TrueDBGrid.Split  
  
' Set Split0 to reference the first Split in the collection.  
Split0 = Me.C1TrueDBGrid1.Splits(0)
```

To write code in C#

C#

```
// Declare Split0 as Split object.  
C1.Win.C1TrueDBGrid.Split Split0;  
  
// Set Split0 to reference the first Split in the collection.  
Split0 = this.c1TrueDBGrid1.Splits[0];
```

Use Split0 to read or set the [Split](#) object's properties or to execute its methods:

To write code in Visual Basic

Visual Basic

```
' Read a Split object property.  
variable = Split0.Property  
  
' Set a Split object property.  
Split0.Property = variable  
  
' Execute a Split object method.  
Split0.Method (arg1, arg2, ...)
```

To write code in C#

C#

```

// Read a Split object property.
variable = Split0.Property;

// Set a Split object property.
Split0.Property = variable;

// Execute a Split object method.
Split0.Method (arg1, arg2, ...);

```

Very often, you need to read and set more than one of an object's properties. For example:

To write code in Visual Basic

Visual Basic	
--------------	--

```

' Read a Split object's properties.
variable1 = Me.C1TrueDBGrid1.Splits(0,0).Property1
variable2 = Me.C1TrueDBGrid1.Splits(0,0).Property2

' Set a Split object's properties.
Me.C1TrueDBGrid1.Splits(0,0).Property1 = variable1
Me.C1TrueDBGrid1.Splits(0,0).Property2 = variable2

```

To write code in C#

C#	
----	--

```

// Read a Split object's properties.
variable1 = this.c1TrueDBGrid1.Splits[0,0].Property1;
variable2 = this.c1TrueDBGrid1.Splits[0,0].Property2;

// Set a Split object's properties.
this.c1TrueDBGrid1.Splits[0,0].Property1 = variable1;
this.c1TrueDBGrid1.Splits[0,0].Property2 = variable2;

```

This code is very inefficient because the amount of times the object C1TrueDBGrid1.Splits(0,0) is accessed. It is more efficient to create a single reference to the object up front and use it repeatedly:

To write code in Visual Basic

Visual Basic

```
' Declare Split0 as a Split.  
Dim Split0 As C1TrueDBGrid.Split  
  
' Set Split0 to reference the first Split in the collection.  
Split0 = Me.C1TrueDBGrid1.Splits.Item(0,0)  
  
' Read a Split object's properties.  
variable1 = Split0.Property1  
variable2 = Split0.Property2  
  
' Set a Split object's properties.  
Split0.Property1 = variable1  
Split0.Property2 = variable2
```

To write code in C#

C#

```
// Declare Split0 as Split object.  
C1TrueDBGrid.Split Split0;  
  
// Set Split0 to reference the first Split in the collection.  
Split0 = this.c1TrueDBGrid1.Splits[0,0];  
  
// Read a Split object's properties.  
variable1 = Split0.Property1;  
variable2 = Split0.Property2;  
  
// Set a Split object's properties.  
Split0.Property1 = variable1;  
Split0.Property2 = variable2;
```

This code is much more efficient and also easier to read. If the Visual Studio application accesses collection objects frequently, the performance of your code can be improved significantly by adhering to these guidelines.

Similarly, this technique can be applied to other objects and collections of **True DBGrid**, and of Visual Studio in general. Of particular importance to the grid are the [C1DataColumn](#) and [C1 DataColumnCollection](#) objects (also applies to [C1DisplayColumn](#) object):

To write code in Visual Basic

Visual Basic

```
' Declare Cols as a Columns collection object, then set it to reference
C1TrueDBGrid1's C1DataColumnCollection object.
Dim Cols As C1.Win.C1TrueDBGrid.C1DataColumnCollection
Cols = Me.C1TrueDBGrid1.Columns

' Declare Col0 as a C1DataColumn object, then set it to referencethe first
Column object in the collection.
Dim Col0 As New C1.Win.C1TrueDBGrid.C1DataColumn
Col0 = Cols(0)

' Read and set the C1DataColumn object's Property1.
variable1 = Col0.Property1
Col0.Property1 = variable1

' Execute the C1DataColumn object's Method1 (declared as a Sub).
Col0.Method1 (arg1, arg2, ...)

' Execute the C1DataColumn object's Method2 (declared as aFunction).
variable2 = Col0.Method2(arg1)
```

To write code in C#

C#

```
// Declare Cols as a Columns collection object, then set it to reference
C1TrueDBGrid1's C1DataColumnCollection object.
```

```

C1.Win.C1TrueDBGrid.C1DataColumnCollection Cols;
Cols = this.c1TrueDBGrid1.Columns;

// Declare Col0 as a C1DataColumn object, then set it to reference the first
// Column object in the collection.
C1.Win.C1TrueDBGrid.C1DataColumn Col0 = new C1TrueDBGrid.DataColumn();
Col0 = Cols[0];

// Read and set the C1DataColumn object's Property1.
variable1 = Col0.Property1;
Col0.Property1 = variable1;

// Execute the C1DataColumn object's Method1 (declared as a Sub).
Col0.Method1 (arg1, arg2, ...);

// Execute the C1DataColumn object's Method2 (declared as a Function).
variable2 = Col0.Method2(arg1);

```

Visual Basic also provides an efficient With statement for setting multiple properties of an object without explicitly assigning it to a variable. For example, the following code sets multiple properties of the first column of a grid (recall that collections are zero-based):

[To write code in Visual Basic](#)

Visual Basic

```

With Me.C1TrueDBGrid1.Columns(0)
    .Property1 = variable1
    .Property2 = variable2
End With

```

[To write code in C#](#)

C#

```

this.c1TrueDBGrid1.Columns[0].Property1 = variable1;
this.c1TrueDBGrid1.Columns[0].Property2 = variable2;

```

## See Also

[Adding Members](#)

[Removing Members](#)

[Working with the Count Property](#)

### ***Adding Members***

To create and add an object to a collection, use the collection's **Add** method. The method takes an object as its only argument. For example, create more valueitems for a column by adding new [ValueItem](#) objects to the [ValueItemCollection](#) object:

[To write code in Visual Basic](#)

Visual Basic

```
' Create a ValueItem object.  
Dim v As C1TrueDBGrid.ValueItem = new C1TrueDbGrid.ValueItem()  
Me.C1TrueDBGrid1.Columns(0).ValueItems.Values.Add(v)
```

[To write code in C#](#)

C#

```
// Create a ValueItem object.  
C1TrueDBGrid.ValueItem v = new C1TrueDBGrid.ValueItem();  
this.c1TrueDBGrid1.Columns[0].ValueItems.Values.Add(v);
```

This code adds a [ValueItem](#) object to the [ValueItemCollection](#) of C1TrueDBGrid1. Alternatively, create a [ValueItem](#) object with index 1 with the [Insert](#) method:

[To write code in Visual Basic](#)

Visual Basic

```
' Create a Split object with index 1.  
Dim S As C1TrueDBGrid.ValueItem  
Me.C1TrueDBGrid1.Columns(0).ValueItems.Values.Insert(1, S)
```

[To write code in C#](#)

C#

```
// Create a Split object with index 1.  
C1TrueDBGrid.ValueItem S;  
this.c1TrueDBGrid1.Columns[0].ValueItems.Values.Insert(1, S);
```

The only object that is unable to add or remove members using the **Add** or **RemoveAt** methods is the **Split** object. [InsertHorizontalSplit](#) / [RemoveHorizontalSplit](#) and [InsertVerticalSplit](#) / [RemoveVerticalSplit](#) methods of the split object must be used to correctly add or remove Splits. These methods are also available in the grid's right-click context menu at design time.

### **Removing Members**

Regardless of how a collection implements the **Add** or **Insert** methods, the syntax for removing items is the same. To remove an existing item from a collection, use the [RemoveAt](#) method:

To write code in Visual Basic

Visual Basic

```
' Remove the Split object with index 1.  
Me.C1TrueDBGrid1.Columns(0).ValueItems.Values.RemoveAt(1)
```

To write code in C#

C#

```
// Remove the Split object with index 1.  
this.c1TrueDBGrid1.Columns[0].ValueItems.Values.RemoveAt(1);
```

After this statement is executed, all splits with collection indexes greater than 1 will be shifted down by 1 to fill the place of the removed split. Note that the **RemoveAt** method's parameter is the location of the member to be removed.

### **Working with the Count Property**

Determine the number of objects in a collection using the collection's **Count** property:

To write code in Visual Basic

Visual Basic

```
' Set a variable equal to the number of Splits in C1TrueDBGrid1.  
variable = Me.C1TrueDBGrid1.Splits.Count
```

To write code in C#

C#

```
// Set a variable equal to the number of Splits in C1TrueDBGrid1.  
variable = this.c1TrueDBGrid1.Splits.Count;
```

Iterate through all objects in a collection using the **Count** property as in the following example, which prints the [Caption](#) string of each [C1DataColumn](#) object in a grid:

To write code in Visual Basic

Visual Basic

```
For n = 0 To Me.C1TrueDBGrid1.Columns.Count - 1  
    Debug.WriteLine(Me.C1TrueDBGrid1.Columns(n).Caption)  
Next n
```

To write code in C#

C#

```
for (n = 0; n < this.c1TrueDBGrid1.Columns.Count; n++)  
{  
    Console.WriteLine(this.c1TrueDBGrid1.Columns[n].Caption);  
}
```

The **Count** property is also useful for appending and removing columns:

To write code in Visual Basic

Visual Basic

```

' Determine how many columns there are.
Dim NumCols As Integer
NumCols = Me.C1TrueDBGrid1.Columns.Count

' Append a column to the end of the Columns collection.
Dim C As C1TrueDBGrid.C1DataColumn = New C1TrueDBGrid.C1DataColumn()
Me.C1TrueDBGrid1.Columns.Insert(NumCols, C)

' Make the new column visible, since columns created at run time are invisible by
default.
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(C).Visible = True

' The following loop removes all columns from the grid.
While Me.C1TrueDBGrid1.Columns.Count
    Me.C1TrueDBGrid1.Columns.RemoveAt(0)
End While

```

To write code in C#

C#	
	<pre> // Determine how many columns there are. int NumCols; NumCols = this.c1TrueDBGrid1.Columns.Count;  // Append a column to the end of the Columns collection. C1TrueDBGrid.C1DataColumn C = new C1TrueDBGrid.C1DataColumn(); this.c1TrueDBGrid1.Columns.Insert(NumCols, C);  // Make the new column visible, since columns created at run time are invisible by default. this.c1TrueDBGrid1.Splits[0].DisplayColumns[C].Visible = true;  // The following loop removes all columns from the grid. while ( this.c1TrueDBGrid1.Columns.Count &gt; 0 ) {     this.c1TrueDBGrid1.Columns.RemoveAt(0); } </pre>

An efficient For Each...Next statement that can be used iterate through the objects in a collection without using the **Count** property:

[To write code in Visual Basic](#)

Visual Basic

```
Dim C As C1TrueDBGrid.C1DataColumn  
For Each C In Me.C1TrueDBGrid1.Columns  
    Debug.WriteLine(C.Caption)  
Next S
```

[To write code in C#](#)

C#

```
C1TrueDBGrid.C1DataColumn c;  
foreach (c In this.c1TrueDBGrid1.Columns)  
{  
    Console.WriteLine(c);  
}
```

In fact, using the For Each...Next statement is the easiest way to iterate through the objects in a collection.

## Design-Time Support

You can easily configure **True DBGrid for WinForms** at design time using the Properties window in Visual Studio. The following sections describe how to use **True DBGrid for WinForms**' design-time environment to configure the [C1TrueDBGrid](#) control. Most of the following material also applies to the [C1TrueDBDropDown](#) control since it is a subset of C1TrueDBGrid. Specific differences between the two controls are discussed at the end of this chapter.

## See Also

[Understanding the Object Model and Property Access](#)

[Using the Split Collection Editor](#)

[Using the C1DisplayColumnCollection Editor](#)

[Using the ValueItemCollection Editor](#)

[Using the C1TrueDBGrid Style Editor](#)

[Using the C1TrueDBGrid Designer](#)

[C1TrueDBGrid Tasks Menu](#)

[C1TrueDBGrid Context Menu](#)

## Understanding the Object Model and Property Access

**True DBGrid for WinForms** supports a rich object model that reflects the organization of its visual components. Therefore, in order to customize a grid's appearance and behavior, you need to know how the Properties window and collection editors reflect the grid's object model.

A *split* is similar to the split window features of products such as Microsoft Excel and Word. Splits can be used to present data in multiple vertical or horizontal panes. These panes, or splits, can display data in different colors and fonts. The panes can scroll as a unit or individually, and they can display different sets of columns or the same set. Splits can also be used to prevent one or more columns or rows from scrolling. By default, a grid contains a single split comprising all of its columns. Note that most of the split properties are not present in the main Properties window. For example, the [AlternatingRows](#) property cannot be set without opening up the [Split Collection editor](#) and modifying the [Split](#) object, because the value of this property can vary from split to split. The term *split-specific* is used to describe such properties, since they apply to individual splits rather than the grid as a whole.

Conversely, the term *global* is used to describe properties that apply to the grid as a whole, such as [DataView](#) and [BorderStyle](#). Global properties are accessible through the Properties window, which is initially located in the lower right of the .NET IDE. The latter also shows *extender* properties specific to the Visual Basic environment, such as [Align](#) and [Tag](#).

The distinction between split-specific and global properties also extends to the two column objects which represent the columns of data within the grid. Both of these objects govern a column's properties. The [C1 DataColumn](#) object contains all of the column properties related to data access and formatting. The [C1 DisplayColumn](#) object contains all column properties related to the column's visual display. The [C1 DataColumn](#) properties are global column properties. These are properties that apply to all of the columns in the grid, no matter their placement among the splits. For instance, when a column is added or removed, the associated [C1 DataColumn](#) would be added or removed. On the other hand, the [C1 DisplayColumn](#) properties are split-specific properties. Setting one of these properties in one split does not mean that the properties are then set in all splits.

## See Also

[Accessing Global Grid Properties](#)

## [Accessing Split-Specific Properties](#)

### [Accessing Column Properties](#)

## **Accessing Global Grid Properties**

Properties which apply to the entire grid object are considered global properties. Once set these properties will remain set no matter what split-specific or column properties are set. These properties can be accessed through the Properties window. It enables easy access to all of the grid's properties and allows you to set their values at design-time. The Properties window orders the properties either categorically or alphabetically. In order to allow the user access to objects and collections, the property page supports a tree view structure where objects can be expanded to show their constituent properties.

## **Accessing Split-Specific Properties**

In the Properties window, split properties are accessed through the [Splits](#) property. By clicking on the **ellipsis** button (...) next to the Splits node, the editor for the Split Collection will appear. This editor can be used to access all of the split-specific properties as well as the [C1DisplayColumnCollection](#) properties for the current split. For more information on using the collection editor see [Using the Split Collection Editor](#).

In addition, split-specific properties are available in the **C1TrueDBGrid Designer**. For more information see [Using the C1TrueDBGrid Designer](#).

## **Accessing Column Properties**

In the Properties window, *global* column properties, also known as [C1 DataColumn](#) properties, are accessed through the [C1 DataColumnCollection](#) object property. By clicking on the **ellipsis** button (...) next to the **Columns** node in the Visual Studio Properties window, the **C1TrueDBGrid Designer** will appear. For more information on using the collection editor see [Using the C1TrueDBGrid Designer](#).

In the Visual Studio Properties window, each member of the [SplitCollection](#) exposes a [DisplayColumns](#) property, also known as the [C1DisplayColumnCollection](#) object. These [C1DisplayColumn](#) properties are split-specific properties. By clicking on the **ellipsis** button next to the **Splits** node in the Properties window, then clicking on the **ellipsis** button next to the [DisplayColumns](#) node in the editor for the Split Collection, the editor for the [C1DisplayColumnCollection](#) will be brought up. For more information on using this editor, see [Using the C1DisplayColumnCollection Editor](#).

## **Using the Split Collection Editor**

The [SplitCollection](#) is a collection of [Split](#) objects which provides access to most of the grid's display properties and properties specific to a Split. Accessing these properties in code is done through the [C1TrueDBGrid](#) object and is demonstrated by the following:

[To write code in Visual Basic](#)

Visual Basic

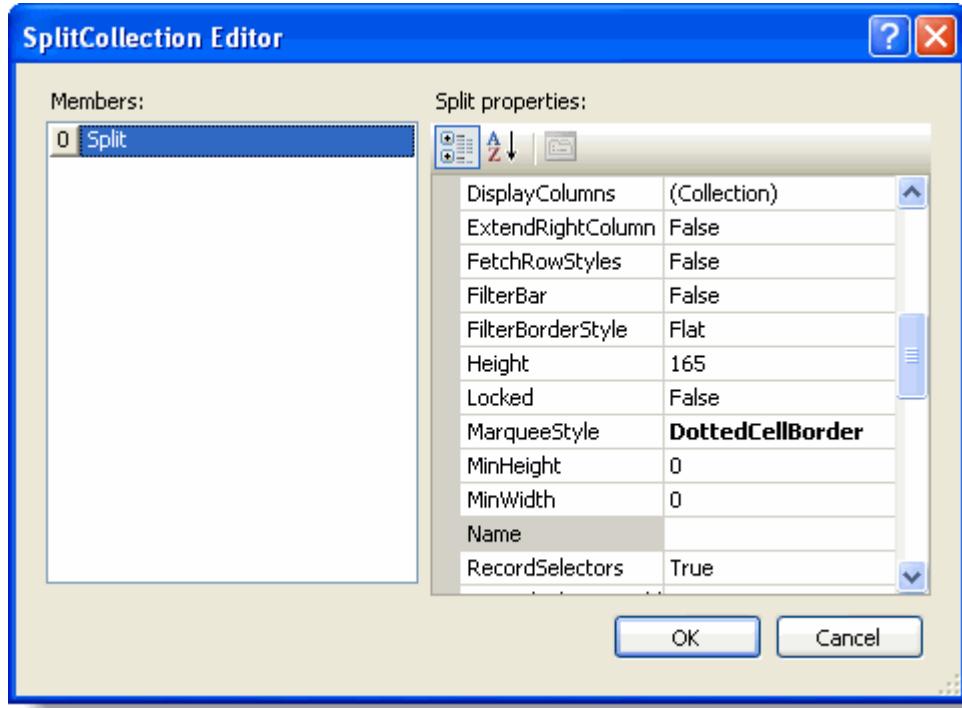
```
Me.C1TrueDBGrid1.Splits(0).AllowColMove = True
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Splits[0].AllowColMove = true;
```

.NET contains useful collection editors which make the altering of a collection much easier. The [SplitCollection](#) can be modified at design-time through a .NET collection editor. The collection editor for the [SplitCollection](#) can be accessed by clicking on the **ellipsis** button (...) next to the [Splits](#) property in the Properties window. Notice that clicking on the **ellipsis** button next to the [DisplayColumns](#) property in the [SplitCollection Collection Editor](#) will bring up the [C1DisplayColumnCollection](#) editor.



Notice that the editor does not contain buttons to add and delete Splits. Even though the collection editor cannot be used to create and delete splits, this can still be accomplished at design-time. Right-clicking the grid will bring up the grid's context menu. From the context menu, choose **Design** and use the [C1TrueDBGrid Designer](#) to add or remove splits.

## See Also

### Splits Properties

#### Splits Properties

The following [SplitCollection](#) object properties are available in the **Split Collection Editor** through the Properties window:

Property	Description
<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
<a href="#">AllowFocus</a>	Gets or sets a value indicating whether the split can receive focus.
<a href="#">AllowHorizontalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize horizontal splits.
<a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows.
<a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
<a href="#">AllowVerticalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize vertical splits.
<a href="#">AlternatingRowStyle</a>	Gets or sets a value indicating whether the split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.
<a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split.
<a href="#">Caption</a>	Gets or sets the caption.
<a href="#">CaptionHeight</a>	Gets or sets the height of the caption.

<a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.
<a href="#">ColumnCaptionHeight</a>	Gets or sets the height of the column captions.
<a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
<a href="#">DisplayColumns</a>	Gets a collection of <a href="#">C1DisplayColumn</a> objects.
<a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
<a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
<a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the split.
<a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
<a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
<a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">FilterBar</a> .
<a href="#">FilterBorderStyle</a>	Controls the appearance of the separator for the FilterBar.
<a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
<a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
<a href="#">Height</a>	Gets or sets the height of a split.

<a href="#">HighlightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.
<a href="#">HorizontalScrollGroup</a>	Gets or sets the group which synchronizes horizontal scrolling between splits.
<a href="#">HScrollBar</a>	Gets the <a href="#">HBar</a> object that controls the appearance of the horizontal scroll bar.
<a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.
<a href="#">Locked</a>	Gets or sets a value indicating if the cells of a split can be edited.
<a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a Split.
<a href="#">MinHeight</a>	Gets or sets the minimum height that a split can be interactively resized.
<a href="#">MinWidth</a>	Gets or sets the minimum width that a split can be interactively resized.
<a href="#">Name</a>	Gets or sets the name of a split.
<a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
<a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for Split.
<a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
<a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.

<a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.
<a href="#">SplitSize</a>	Gets or sets the size of a split.
<a href="#">SplitSizeMode</a>	Gets or sets a value indicating how the <a href="#">SplitSize</a> property is used to determine the actual size of a split.
<a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
<a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object for the Split.
<a href="#">VerticalScrollGroup</a>	Gets or sets the group which synchronizes vertical scrolling between splits.
<a href="#">VScrollBar</a>	Gets the <a href="#">VBar</a> object that controls the appearance of the vertical scroll bar.

## Using the [C1DisplayColumnCollection](#) Editor

The [C1DisplayColumnCollection](#) is a collection of the column properties which relate to display, color, font, and so on. These properties are contained under the [Columns](#) identifier under the [SplitCollection](#). These properties are also split-specific; each [C1DisplayColumn](#) property can have a different value in different splits. Accessing these properties in code is done through this [SplitCollection](#), and is demonstrated by the following:

To write code in Visual Basic

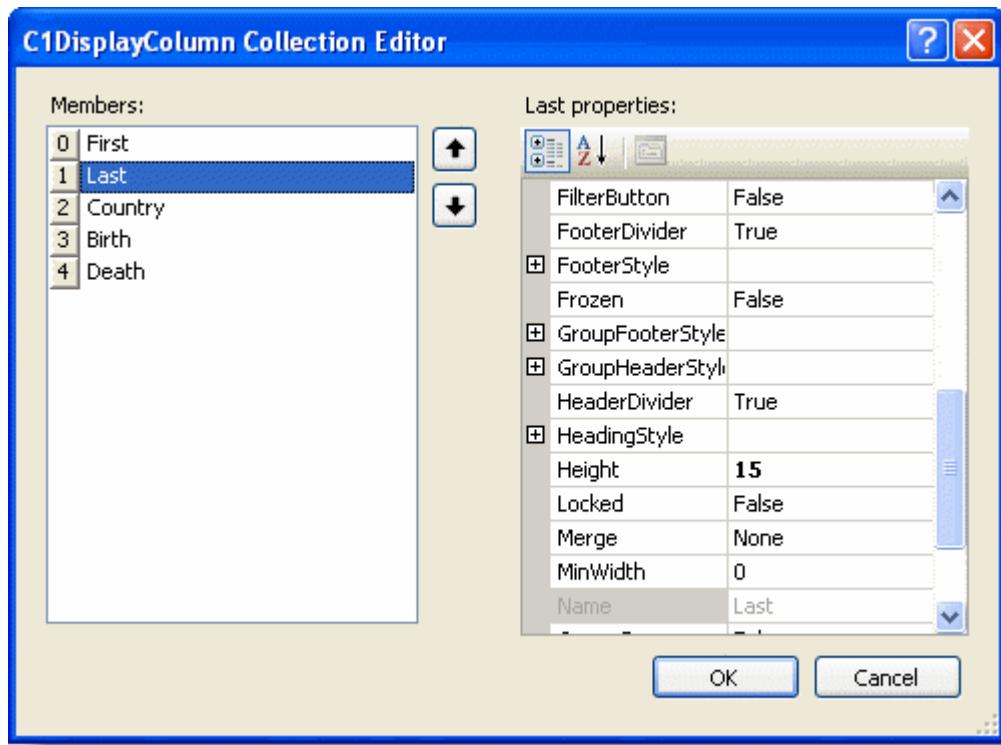
Visual Basic	
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Merge = True</pre>	

To write code in C#

C#	
----	--

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Merge = true;
```

Given **True DBGrid for WinForms**' object model with its split-specific column properties and diverse collections, many of its properties might be tough to find and set efficiently. Luckily, .NET contains collection editors which help in categorizing and setting the **C1TrueDBGrid** control's collection properties. This editor is accessible through the **Split Collection Editor**, which can be accessed by clicking on the **ellipsis** button (...) next to the **Splits** property of the grid in the Properties window. In the **Split Collection Editor**, clicking on the **ellipsis** button next to the **DisplayColumns** property will bring up the editor.



The editor has two panes. The left pane contains the current columns in the grid under the **Members** heading. By clicking on the **Add** or **Remove** buttons the columns in the left pane can be created or deleted accordingly. The right pane contains the display-related properties for the specific column highlighted in the left pane.

Notice that there are not any add or remove buttons in the **C1DisplayColumnCollection Editor**. Due to the fact that there can be multiple **DisplayColumns** for each split in the grid, the addition or deletion of columns must occur in the **C1TrueDBGrid Designer**. This ensures that a column is added to all splits, or removed from all splits.

## See Also

## DisplayColumns Properties

### DisplayColumns Properties

The following [C1DisplayColumnCollection](#) object properties are available in the **C1DisplayColumnCollection Editor** in the Properties window:

Property	Description
<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus.
<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed.
<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the drop-down auto fills the edit portion with the matched entry.
<a href="#">AutoDropDown</a>	Gets or sets a value indicating whether the drop-down opens automatically when a key is typed.
<a href="#">Button</a>	Gets or sets a value indicating whether a drop-down button will be displayed in this column.
<a href="#">ButtonAlways</a>	Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus.
<a href="#">ButtonFooter</a>	Gets or sets a value indicating whether a column footer will act like a button.
<a href="#">ButtonHeader</a>	Gets or sets a value indicating whether a column header will act like a button.
<a href="#">ButtonText</a>	Gets or sets a value indicating whether cells in this column look like buttons.
<a href="#">ColumnDivider</a>	Gets or sets the style of the border drawn between columns.

Property	Description
<a href="#">DropDownList</a>	Gets or sets a value indicating whether the drop-down acts like a drop-down list (text portion is not editable).
<a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> used for the cell editor.
<a href="#">FetchStyle</a>	Gets or sets a value indicating whether the <a href="#">FetchCellStyle</a> event will be raised for a column.
<a href="#">FilterButton</a>	Gets or sets a value indicating whether a drop-down button will be displayed in this column.
<a href="#">FooterDivider</a>	Gets or sets a value indicating whether to display the column divider in the footer area.
<a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
<a href="#">Frozen</a>	Gets or sets a value indicating whether the column scrolls.
<a href="#">GroupFooterStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row.
<a href="#">GroupHeaderStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped header row.
<a href="#">HeaderDivider</a>	Gets or sets a value indicating whether to display the column divider in the header area.
<a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers.
<a href="#">Height</a>	Gets or sets the height of the column.

Property	Description
<a href="#">Locked</a>	Gets or sets a value indicating whether editing is permitted in a column.
<a href="#">Merge</a>	Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell.
<a href="#">MinWidth</a>	Gets or sets the minimum width a column can be resized to when in <a href="#">SpringMode</a> .
<a href="#">Name</a>	Gets the caption of the associated <a href="#">C1 DataColumn</a> objects.
<a href="#">OwnerDraw</a>	Gets or sets a value indicating whether cells in this column are drawn by the user in the <a href="#">OwnerDrawCell</a> event.
<a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> for this column.
<a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column.
<a href="#">Width</a>	Gets or sets the width of a column.

## Using the ValueItemCollection Editor

The [ValueItemCollection](#) is a collection of values and display values which allows for translated data within a column. This collection object can be accessed through

**C1 DataColumn.ValueItems.Values** property. Accessing these properties in code is done through this collection, and is demonstrated by the following:

### To write code in Visual Basic

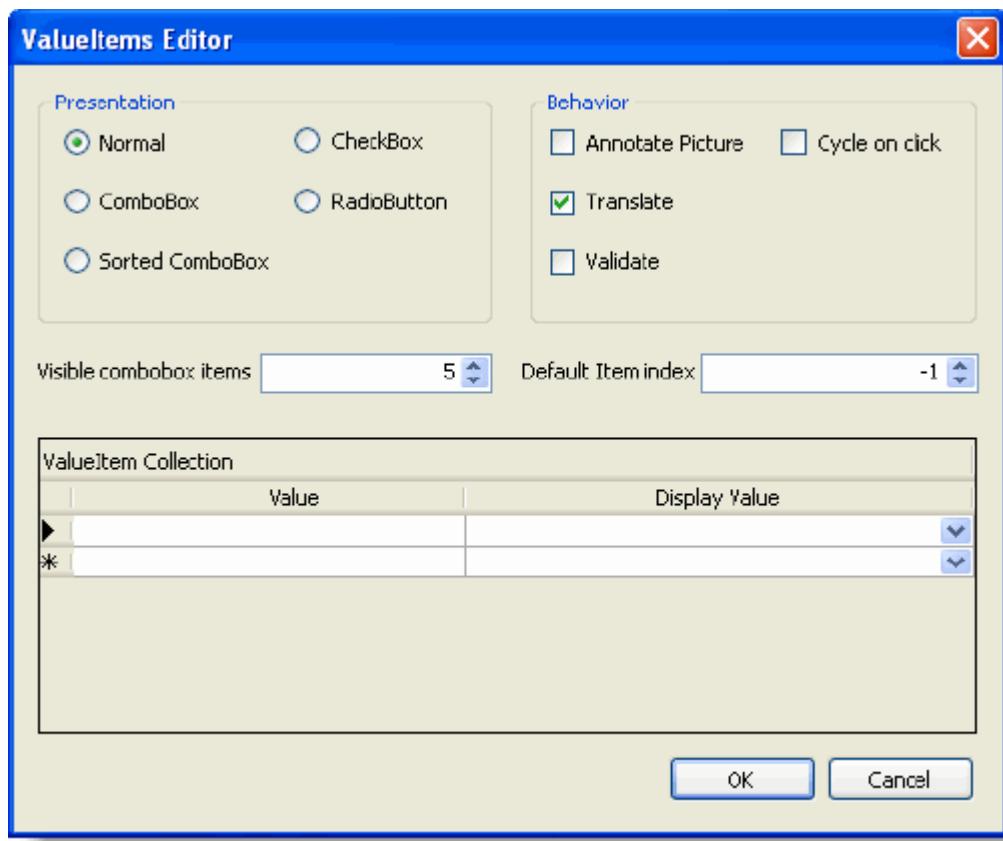
Visual Basic	
	<code>Me.C1TrueDBGrid1.Columns(0).ValueItems.Values</code>

### To write code in C#

C#

```
this.c1TrueDBGrid1.Columns[0].ValueItems.Values;
```

In order to make these properties more easily modifiable, there is a **ValueItem Collection Editor** which enables the user to add **ValueItems**, remove **ValueItems**, and alter their **Value** and **DisplayValue** properties. This editor is accessible through the Properties window. Clicking the **ellipsis** button (...) next to the **Columns** item in the Properties window will bring up the **C1TrueDBGrid Designer**; then expanding the **ValueItems** node will expose the **ValueItems** collection items. Clicking on the **ellipsis** button next to the **ValuesItems** node will bring up the **ValueItems Editor**:



## Using the C1TrueDBGrid Style Editor

The Style collection is a collection of Microsoft Word-like styles which can associate certain sections for the grid with a style. The Styles collection is located under the **C1TrueDBGrid** object, and contains individual Style objects as its members. Accessing the individual Style objects and their properties in code is done through this collection, and is demonstrated by the following:

To write code in Visual Basic

Visual Basic

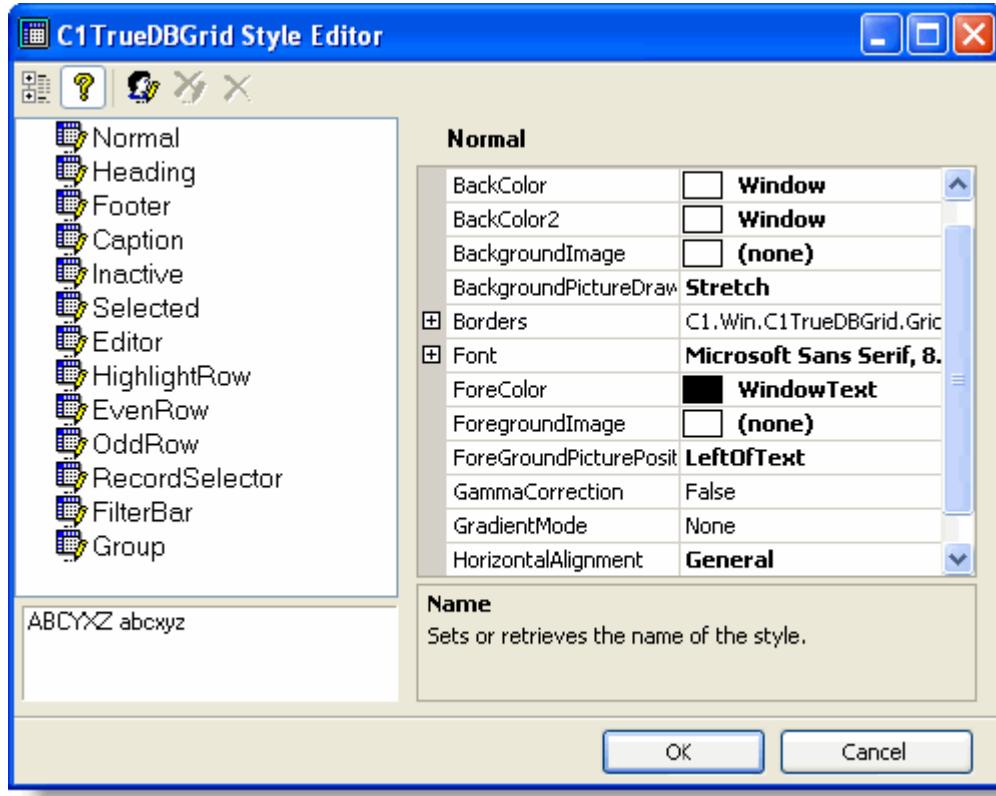
```
Me.C1TrueDBGrid1.Styles("Normal").WrapText = False
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Styles["Normal"].WrapText = false;
```

In order to make these properties more easily modifiable, there is a **C1TrueDBGrid Style Editor** which enables the user to add styles and modify the properties of existing styles. The **C1TrueDBGrid Style Editor** is available in the Properties window. Clicking on the **ellipsis** button (...) next to the **Styles** node in the Properties window will bring up the editor.



## Using the C1TrueDBGrid Designer

The normal method of modifying the properties of **DisplayColumns**, **DataColumns**, and **Splits** through the property editor may seem like a complex and probably more than a bit confusing

process. Keeping track of **DataColumns** and **DisplayColumns** is a task in and of itself. But to make this whole process much easier the **C1TrueDBGrid** control contains a Designer which has been constructed for ease of use.

## See Also

[Accessing the C1TrueDBGrid Designer](#)

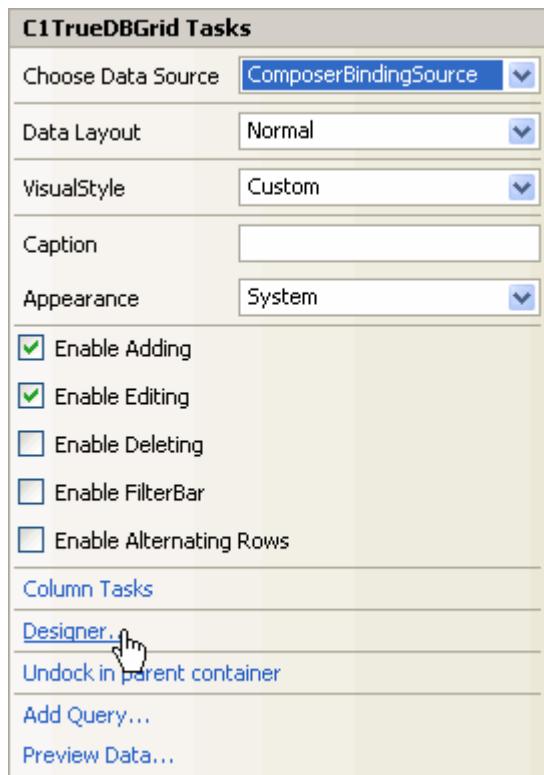
[C1TrueDBGrid Designer Elements](#)

### Accessing the C1TrueDBGrid Designer

The **C1TrueDBGrid Designer** can be accessed either through the **C1TrueDBGrid Tasks** menu, the **Columns** property, or the context menu.

## Through the C1TrueDBGrid Tasks Menu

To access the **C1TrueDBGrid Designer** through the **C1TrueDBGrid Tasks** menu, click the smart tag in the upper right corner of **C1TrueDBGrid** to open the **C1TrueDBGrid Tasks** menu, and select **Designer**.



## Through the Columns Property

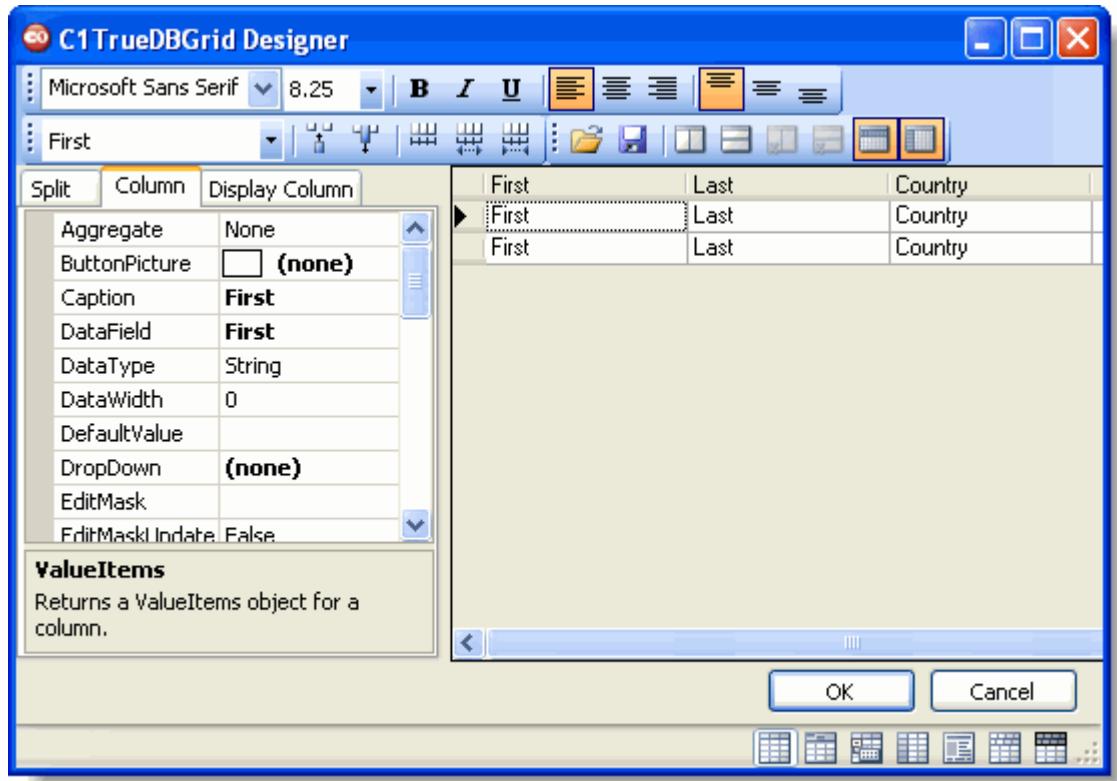
To access the **C1TrueDBGrid Designer** through the **Columns** property, click the **ellipsis** button next to the **Columns** property in the Properties window.

## Through the Context Menu

To access the **C1TrueDBGrid Designer** through the context menu, right-click the **C1TrueDBGrid** control on the form and select **Design** from the context menu.

### C1TrueDBGrid Designer Elements

This designer allows grid columns to be set up easily at design time instead of having to write code. Just select the grid, then right-click to bring up the context menu, and then click the **Design** menu item. This will bring up the **C1TrueDBGrid Designer** shown below:

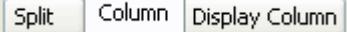


The editor displays the grid columns in a window on the right and the properties for these columns on the left. The tabs above the Properties window define which set of properties,  **DataColumn**, **DisplayColumn**, or **Split**, are displayed in the properties grid.

The editor performs the following actions:

- **Reorder Columns:** Move columns to new positions by dragging them by the header cells with the mouse.

- **Adjust Column Widths:** Adjust column widths by dragging the right edge of the header cells with the mouse. You can also select multiple columns by SHIFT-clicking the header cells, and then set all column widths at once using the property grid. Setting the column width to -1 restores the default width.
- **Set Column Properties:** Whenever one or more columns are selected, their properties can be viewed and edited in the property grid on the left of the editor.
- **Insert or Remove Columns:** Use the toolbar to insert columns before or after the selection (useful mostly in unbound mode), or to remove columns.
- **Use the Toolbar to Perform Common Tasks:** The table below describes the function of the buttons on the toolbar:

Element	Description
	These tabs above the property grid determine which set of properties are available for modification in the designer. The tabs allow you to choose between the <b>DataColumns</b> property set that contains data-related column properties, the <b>DisplayColumns</b> property set that contains display-related column properties, and the <b>Split</b> property set that contains split-related properties.
	These toggle buttons control the display of the property grid. The left button indicates that the properties for the selected columns are displayed in categorized order. The right button indicates whether the properties for the selected columns are displayed in alphabetical order.
	These buttons set the column widths for the grid. The left button sets all the columns to have the same width, the center button increases the width of the selected column (the column with focus in the grid), and the right button decreases the width of the selected column (the column with focus in the grid).
	These buttons add, insert, and delete columns from the grid. The first adds columns to the grid, the second button inserts columns in the grid, and the third button deletes columns from the grid.

Element	Description
	<p>The drop-down box sets which column receives focus. By choosing a column from the drop-down list, the associated properties for this column will appear in the property grid to the left.</p>
	<p>These buttons set the vertical alignment of the selected column. The first button aligns all column content to the top. The second button aligns all column content to the center, and the third button aligns all column content to the bottom.</p>
	<p>Align column content to the left, center, or right. These buttons only affect the scrollable area of the grid. To set the alignment for the header columns, select the columns and set the <b> TextAlignFixed </b> property.</p>
	<p>These buttons add or remove vertical or horizontal splits. The first button adds a vertical split to the grid, while the second one adds a horizontal split. The third button removes a vertical split, while the fourth one removes a horizontal split.</p>
	<p>These buttons set the <b> DataView </b> property of the table. The buttons set the <b> DataView </b> property to <b> Normal, GroupBy, Hierarchical, Inverted, Form, MultipleLines, </b> and <b> MultipleLinesFixed </b>, respectively. See <a href="#">Data Display</a> for more information.</p>

## See Also

[Splits Properties](#)

[C1 DataColumn Properties](#)

[DisplayColumns Properties](#)

### *Splits Properties*

The following [SplitCollection](#) object properties are available in the **C1TrueDBGrid Designer** through the **Split** tab:

Property	Description
<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
<a href="#">AllowFocus</a>	Gets or sets a value indicating whether the split can receive focus.
<a href="#">AllowHorizontalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize horizontal splits.
<a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows.
<a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
<a href="#">AllowVerticalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize vertical splits.
<a href="#">AlternatingRowStyle</a>	Gets or sets a value indicating whether the split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.
<a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split.
<a href="#">Caption</a>	Gets or sets the caption.
<a href="#">CaptionHeight</a>	Gets or sets the height of the caption.
<a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.

<a href="#">ColumnCaptionHeight</a>	Gets or sets the height of the column captions.
<a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
<a href="#">DisplayColumns</a>	Gets a collection of <a href="#">C1DisplayColumn</a> objects.
<a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
<a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
<a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the split.
<a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
<a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
<a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">FilterBar</a> .
<a href="#">FilterBorderStyle</a>	Controls the appearance of the separator for the FilterBar.
<a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
<a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
<a href="#">Height</a>	Gets or sets the height of a split.
<a href="#">HighlightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.

<a href="#">HorizontalScrollGroup</a>	Gets or sets the group which synchronizes horizontal scrolling between splits.
<a href="#">HScrollBar</a>	Gets the <a href="#">HBar</a> object that controls the appearance of the horizontal scroll bar.
<a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.
<a href="#">Locked</a>	Gets or sets a value indicating if the cells of a split can be edited.
<a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a Split.
<a href="#">MinHeight</a>	Gets or sets the minimum height that a split can be interactively resized.
<a href="#">MinWidth</a>	Gets or sets the minimum width that a split can be interactively resized.
<a href="#">Name</a>	Gets or sets the name of a split.
<a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
<a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for Split.
<a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
<a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.
<a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.

<a href="#">SplitSize</a>	Gets or sets the size of a split.
<a href="#">SplitSizeMode</a>	Gets or sets a value indicating how the <a href="#">SplitSize</a> property is used to determine the actual size of a split.
<a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
<a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object for the Split.
<a href="#">VerticalScrollGroup</a>	Gets or sets the group which synchronizes vertical scrolling between splits.
<a href="#">VScrollBar</a>	Gets the <a href="#">VBar</a> object that controls the appearance of the vertical scroll bar.

### [C1 DataColumn Properties](#)

The following [C1 DataColumnCollection](#) object properties are available in the **C1 TrueDBGrid Designer** through the **Column** tab:

Property	Description
<a href="#">Aggregate</a>	Gets or sets the type of aggregate computed for a grouped row.
<a href="#">ButtonPicture</a>	Gets or sets the image shown in a drop-down button in a column.
<a href="#">Caption</a>	Gets or sets the text in the column header.
<a href="#">DataField</a>	Gets or sets the database field name for a column.
<a href="#">DataWidth</a>	Gets or sets the maximum number of characters which may be entered for cells in this column.
<a href="#">DefaultValue</a>	Gets or sets the default value for a column when a new row is added

Property	Description
	by the grid.
<a href="#">DropDown</a>	Gets or sets the <a href="#">C1TrueDBDropDown</a> control associated with this column.
<a href="#">EditMask</a>	Gets or sets the edit mask for a column.
<a href="#">EditMaskUpdate</a>	Gets or sets a value indicating whether literal characters in the edit mask are stored to the underlying data source.
<a href="#">EnableDateTimeEditor</a>	Gets or sets the characters that should be escaped when applying the filter criteria to the data source.
<a href="#">FilterButtonPicture</a>	Gets or sets the image show in the filter button for the column.
<a href="#">FilterDropdown</a>	Gets or sets a value indicating whether a drop-down list is displayed in the filter cell that lists all the values of the field.
<a href="#">FilterEscape</a>	Gets or sets the characters that should be escaped when applying the filter criteria to the data source.
<a href="#">FilterKeys</a>	Gets or sets the key used to initiate the filtering operation as the user types in the <a href="#">FilterBar</a> .
<a href="#">FilterOperator</a>	Gets or sets the operator that is used for a filter expression.
<a href="#">FilterText</a>	Gets or sets the data associated with the value of the filter for a column.
<a href="#">FooterText</a>	Gets or sets the text displayed in the column footer.
<a href="#">GroupInfo</a>	Gets or sets the <a href="#">GroupInfo</a> associated with this column.

Property	Description
<a href="#">Level</a>	Gets or sets the level of this column in a hierarchical data source.
<a href="#">NumberFormat</a>	Gets or sets the formatting string for a column.
<a href="#">SortDirection</a>	Gets or sets the state of the sorting glyph in the column caption.
<a href="#">ValueItems</a>	Gets the <a href="#">ValueItems</a> object for this column.

### *[DisplayColumns Properties](#)*

The following [C1DisplayColumnCollection](#) object properties are available in the **C1TrueDBGrid Designer** through the **Display Column** tab:

Property	Description
<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus.
<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed.
<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the drop-down auto fills the edit portion with the matched entry.
<a href="#">AutoDropDown</a>	Gets or sets a value indicating whether the drop-down opens automatically when a key is typed.
<a href="#">Button</a>	Gets or sets a value indicating whether a drop-down button will be displayed in this column.
<a href="#">ButtonAlways</a>	Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus.
<a href="#">ButtonFooter</a>	Gets or sets a value indicating whether a column footer will act

Property	Description
	like a button.
<a href="#">ButtonHeader</a>	Gets or sets a value indicating whether a column header will act like a button.
<a href="#">ButtonText</a>	Gets or sets a value indicating whether cells in this column look like buttons.
<a href="#">ColumnDivider</a>	Gets or sets the style of the border drawn between columns.
<a href="#">DropDownList</a>	Gets or sets a value indicating whether the drop-down acts like a drop-down list (text portion is not editable).
<a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> used for the cell editor.
<a href="#">FetchStyle</a>	Gets or sets a value indicating whether the <a href="#">FetchCellStyle</a> event will be raised for a column.
<a href="#">FilterButton</a>	Gets or sets a value indicating whether a drop-down button will be displayed in this column.
<a href="#">FooterDivider</a>	Gets or sets a value indicating whether to display the column divider in the footer area.
<a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
<a href="#">Frozen</a>	Gets or sets a value indicating whether the column scrolls.
<a href="#">GroupFooterStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row.
<a href="#">GroupHeaderStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped

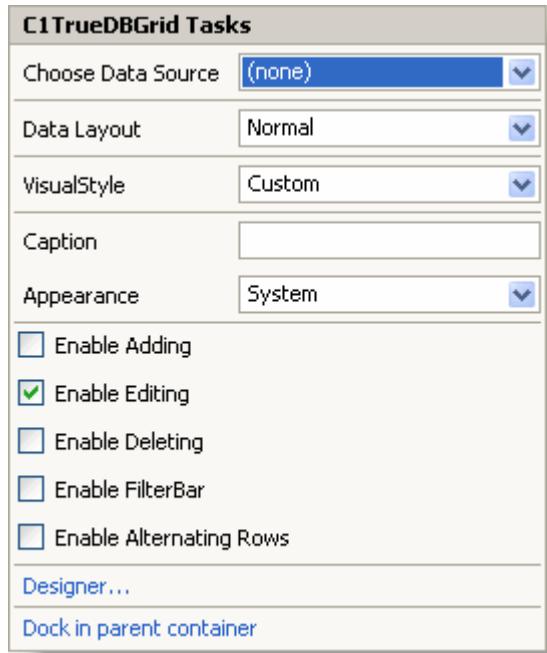
Property	Description
	header row.
<a href="#">HeaderDivider</a>	Gets or sets a value indicating whether to display the column divider in the header area.
<a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers.
<a href="#">Height</a>	Gets or sets the height of the column.
<a href="#">Locked</a>	Gets or sets a value indicating whether editing is permitted in a column.
<a href="#">Merge</a>	Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell.
<a href="#">MinWidth</a>	Gets or sets the minimum width a column can be resized to when in <a href="#">SpringMode</a> .
<a href="#">Name</a>	Gets the caption of the associated <a href="#">C1 DataColumn</a> objects.
<a href="#">OwnerDraw</a>	Gets or sets a value indicating whether cells in this column are drawn by the user in the <a href="#">OwnerDrawCell</a> event.
<a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> for this column.
<a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column.
<a href="#">Width</a>	Gets or sets the width of a column.

## C1TrueDBGrid Tasks Menu

In the **C1TrueDBGrid Tasks** menu, you can quickly and easily choose a data source, change data layout, set a visual style, add a grid caption, customize the appearance of the grid, dock the grid on

the form, and access the **C1TrueDBGrid Designer**, as well as set the following properties: [AllowAddNew](#), [AllowUpdate](#), [AllowDelete](#), [FilterBar](#), and [AlternatingRows](#).

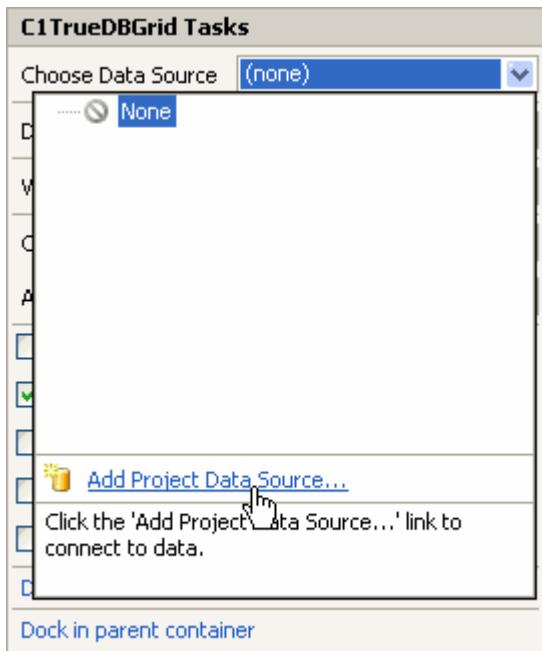
To access the **C1TrueDBGrid Tasks** menu, click the smart tag (■) in the upper right corner of the grid. This will open the **C1TrueDBGrid Tasks** menu:



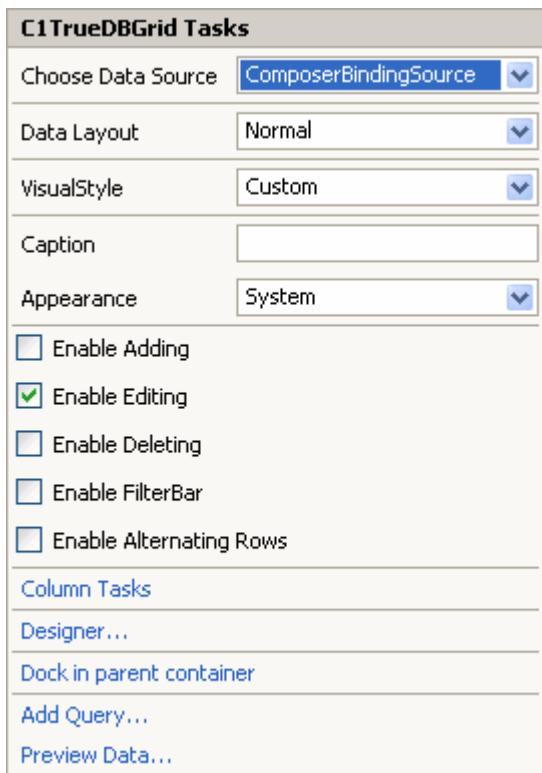
The **C1TrueDBGrid Tasks** menu operates as follows:

## Choose Data Source

Clicking the drop-down arrow in the **Choose Data Source** box opens a list of available data sources and allows you to add a new data source. To add a new data source to the project, click **Add Project Data Source** to open the **Data Source Configuration Wizard**.

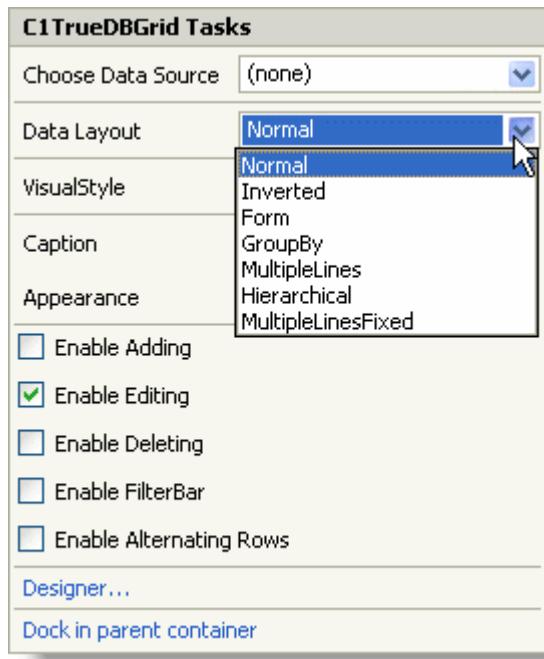


After a data source is selected, three more options are added to the **C1TrueDBGrid Tasks** menu:  
**Column Tasks**, **Add Query**, and **Preview Data**.



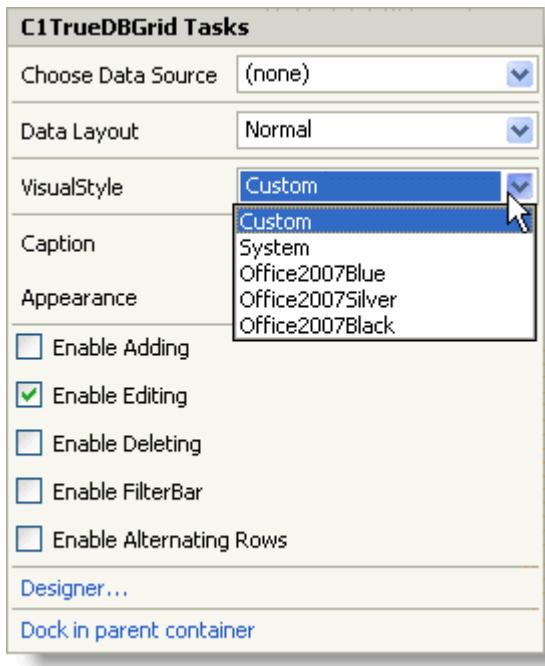
## Data Layout

Clicking the drop-down arrow in the **Data Layout** box opens a list of different **DataView** property options, such as **Normal**, **Inverted**, **Form**, **GroupBy**, **MultipleLines**, **Hierarchical**, and **MultipleLinesFixed**. For more information on the different data views, see [Data Display](#).



## VisualStyle

Clicking the drop-down arrow in the **VisualStyle** box opens a list of different **VisualStyle** property options, such as **Custom**, **System**, **Office2007Blue**, **Office2007Silver**, and **Office2007Black**. For more information on the different visual styles, see [Visual Styles](#).

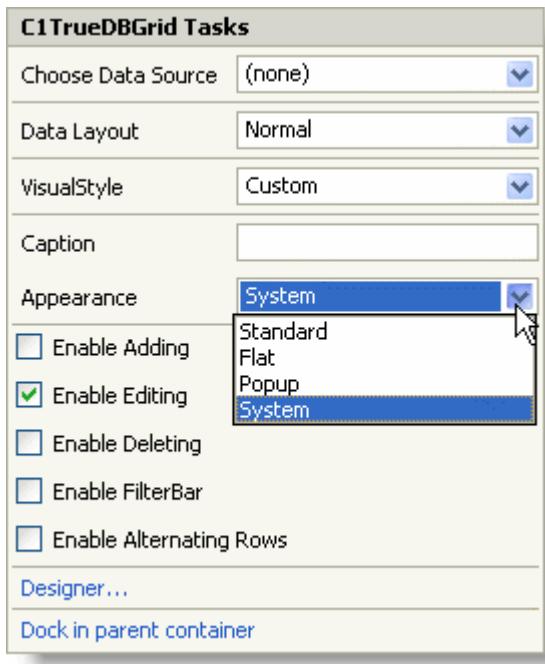


## Caption

Entering a caption into the **Caption** box sets the [Caption](#) property for the grid.

## Appearance

Clicking the drop-down arrow in the **Appearance** box opens a list of different [FlatStyle](#) property options, such as **Standard**, **Flat**, **Popup**, and **System**. For more information on the different control appearance options, see [Three-Dimensional vs. Flat Display](#).



## Enable Adding

Selecting the **Enable Adding** check box sets the [AllowAddNew](#) property to **True**, and allows adding new rows to the grid. The default is unchecked.

## Enable Editing

Selecting the **Enable Editing** check box sets the [AllowUpdate](#) property to **True**, and allows editing of the grid. The default is checked.

## Enable Deleting

Selecting the **Enable Deleting** check box sets the [AllowDelete](#) property to **True**, and allows deleting rows in the grid. The default is unchecked.

## Enable FilterBar

Selecting the **Enable FilterBar** check box sets the [FilterBar](#) property to **True**, and displays the [FilterBar](#) at the top of the grid. The default is unchecked.

## Enable Alternating Rows

Selecting the **Enable Alternating Rows** check box sets the "C1.Win.C1TrueDBGrid.4~C1.Win.C1TrueDBGrid.C1TrueDBGrid~AlternatingRows.html">Alternating Rows property to **True**, and displays alternating row colors. The default is unchecked.

## Column Tasks (available only when bound to a data source)

Clicking **Column Tasks** opens the **Column Tasks** menu. For details on the **Column Tasks** menu, see [Column Tasks Menu](#).

## Designer

Clicking **Designer** opens the **C1TrueDBGrid Designer**. For more information on using the **C1TrueDBGrid Designer**, see [Using the C1TrueDBGrid Designer](#).

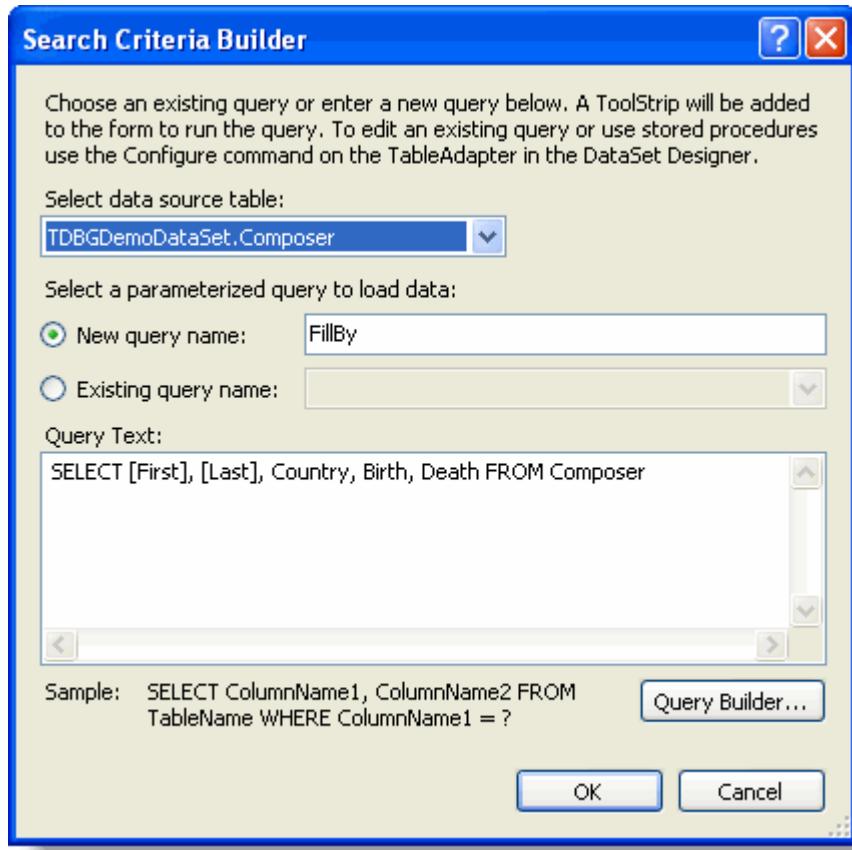
## Dock in parent container/Undock in parent container

Clicking **Dock in parent container** sets the **Dock** property for **C1TrueDBGrid** to **Fill**.

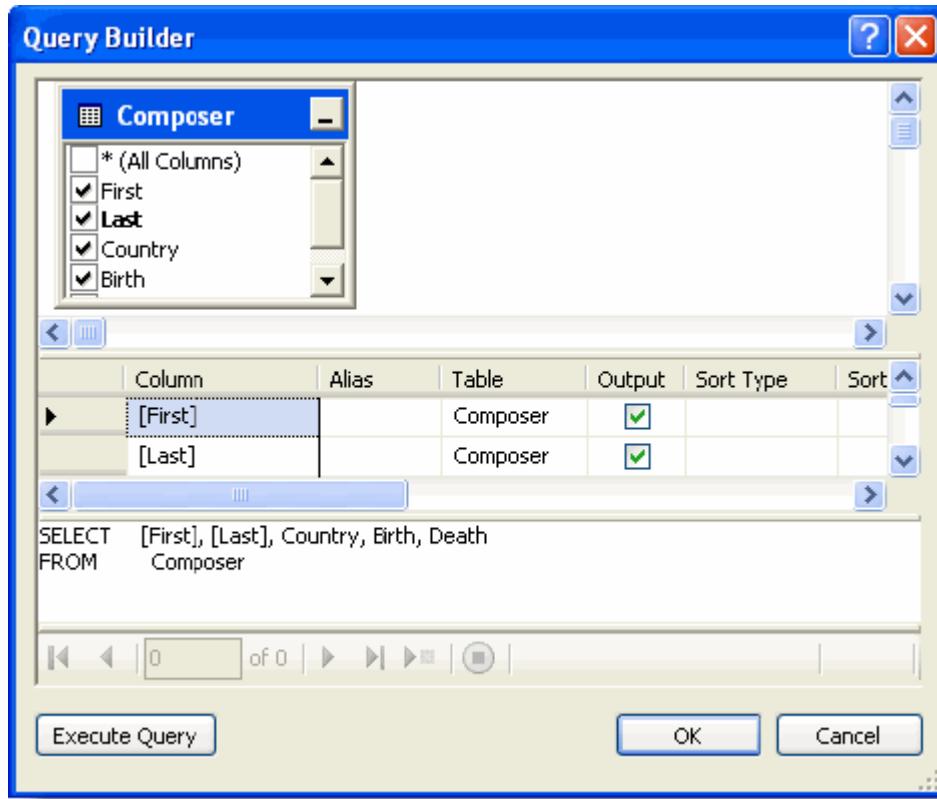
If **C1TrueDBGrid** is docked in the parent container, the option to undock **C1TrueDBGrid** from the parent container will be available. Clicking **Undock in parent container** sets the **Dock** property for **C1TrueDBGrid** to **None**.

## Add Query (available only when bound to a data source)

Clicking **Add Query** opens the **Search Criteria Builder** dialog box, which allows you to create or modify a query.

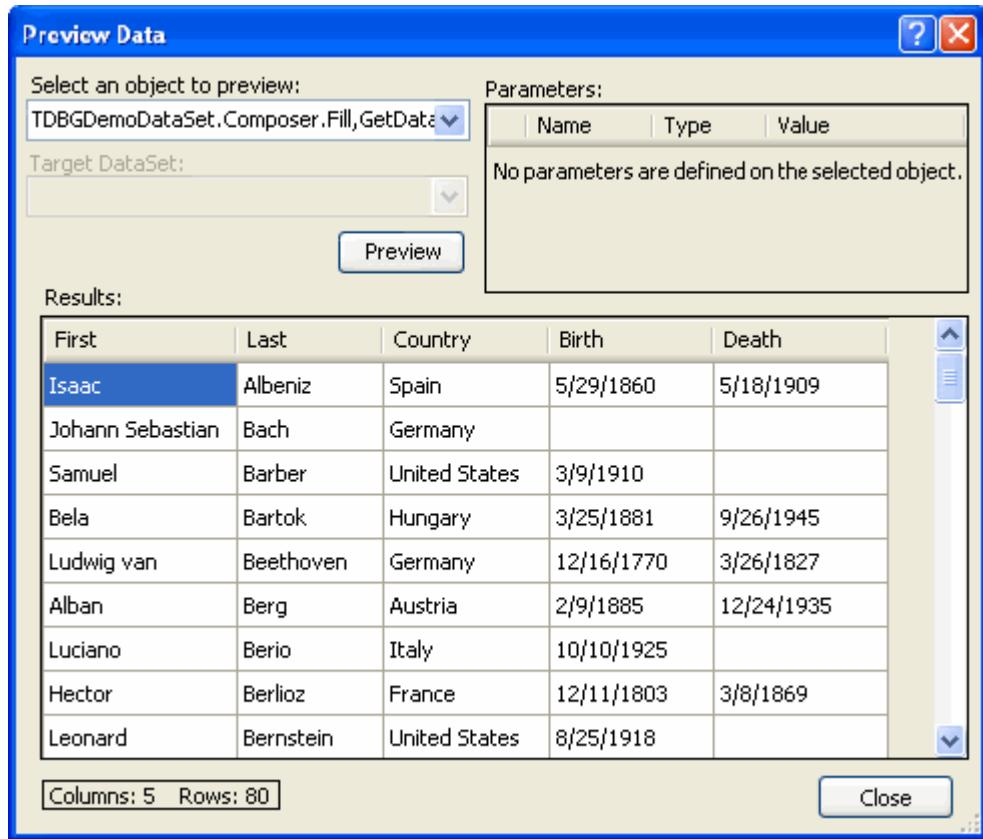


Instead of entering a query in the **Query Text** box, you can use the **Query Builder** to build a query by clicking on the **Query Builder** button.



## Preview Data (available only when bound to a data source)

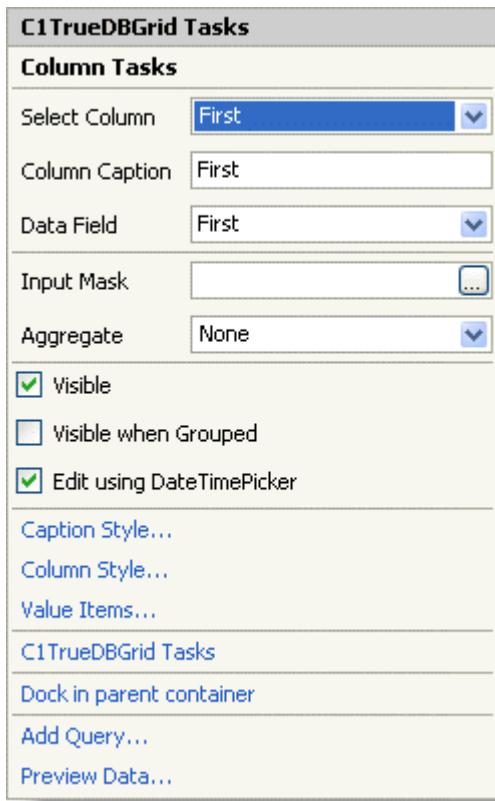
Clicking **Preview Data** opens the **Preview Data** dialog box, where you can preview the data in the DataSet.



### Column Tasks Menu

The **Column Tasks** menu allows you to set the column caption, data field, input mask, aggregate, caption style, column style, and value items for a column, as well as set the following properties: [Visible](#), [ColumnVisible](#), and [EnableDateTimeEditor](#).

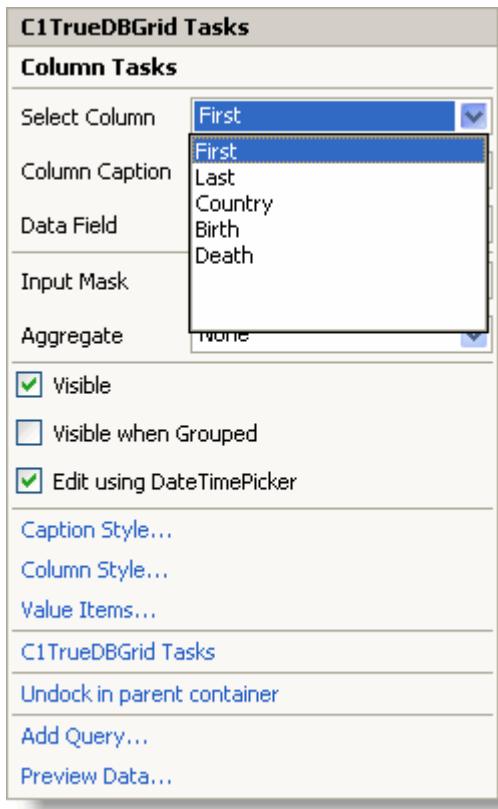
The **Column Tasks** menu can only be accessed when the grid is bound to a data source. To access the **Column Tasks** menu, either click a column in the grid or select **Column Tasks** from the **C1TrueDBGrid Tasks** menu.



The **Column Tasks** menu operates as follows:

## Select Column

Clicking the drop-down arrow in the **Select Column** box opens a list of available columns in the grid. If you clicked a column in the grid to open the tasks menu, that column will be the selected column.

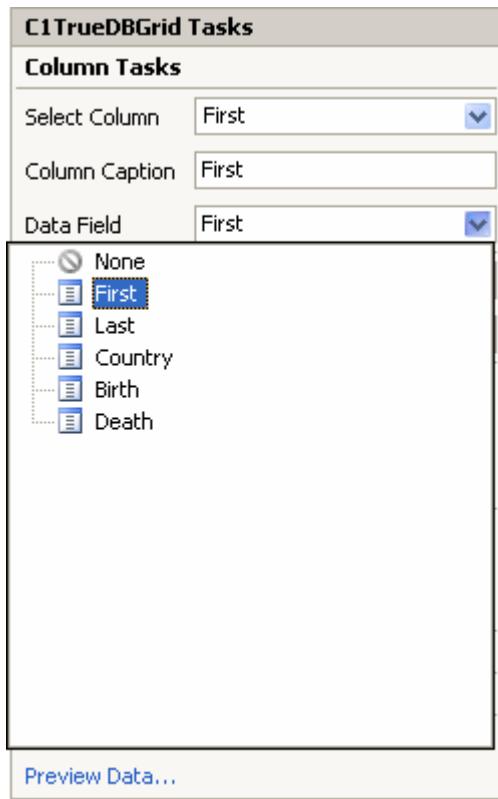


## Column Caption

Entering a caption into the **Column Caption** box set the [Caption](#) property for the column.

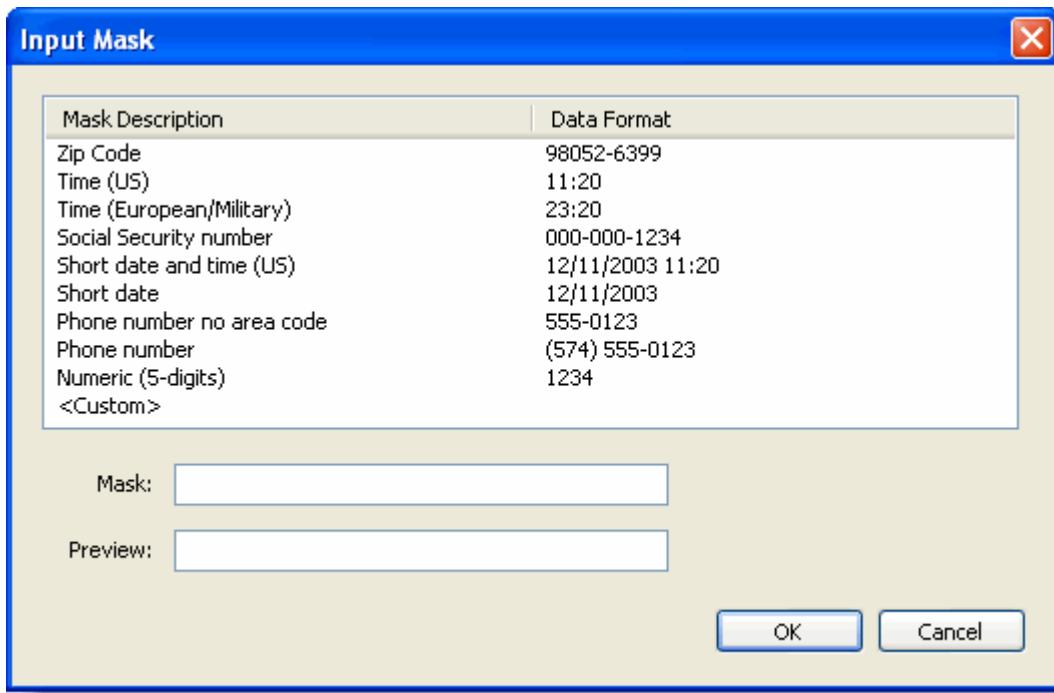
## Data Field

Clicking the drop-down arrow in the **Data Field** box opens a list of available fields in the data source.



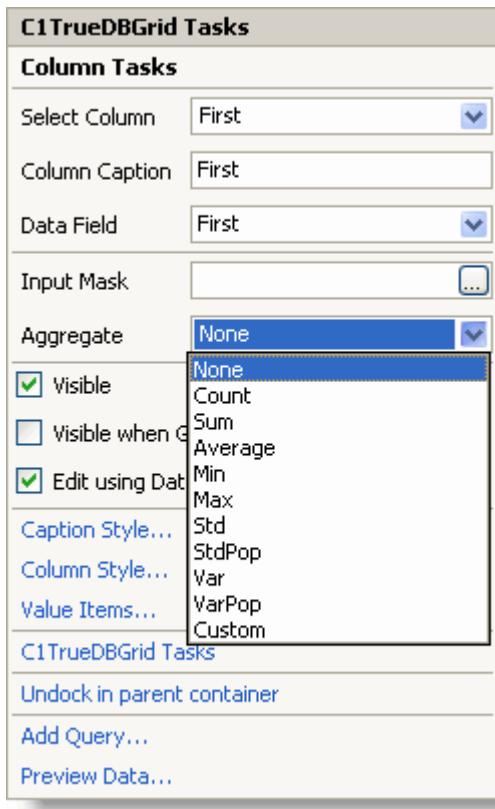
## Input Mask

Clicking the **ellipsis** button in the **Input Mask** box opens the **Input Mask** dialog box.



## Aggregate

Clicking the drop-down arrow in the **Aggregate** box opens a list of available aggregate functions, such as **Count**, **Sum**, **Average**, **Min**, **Max**, **Std**, **StdPop**, **Var**, **VarPop**, and **Custom**. For details on the available aggregate functions, see the [AggregateEnum](#) enumeration.



## Visible

Selecting the **Visible** check box sets the [Visible](#) property to **True** for the selected column. The default is checked.

## Visible when Grouped

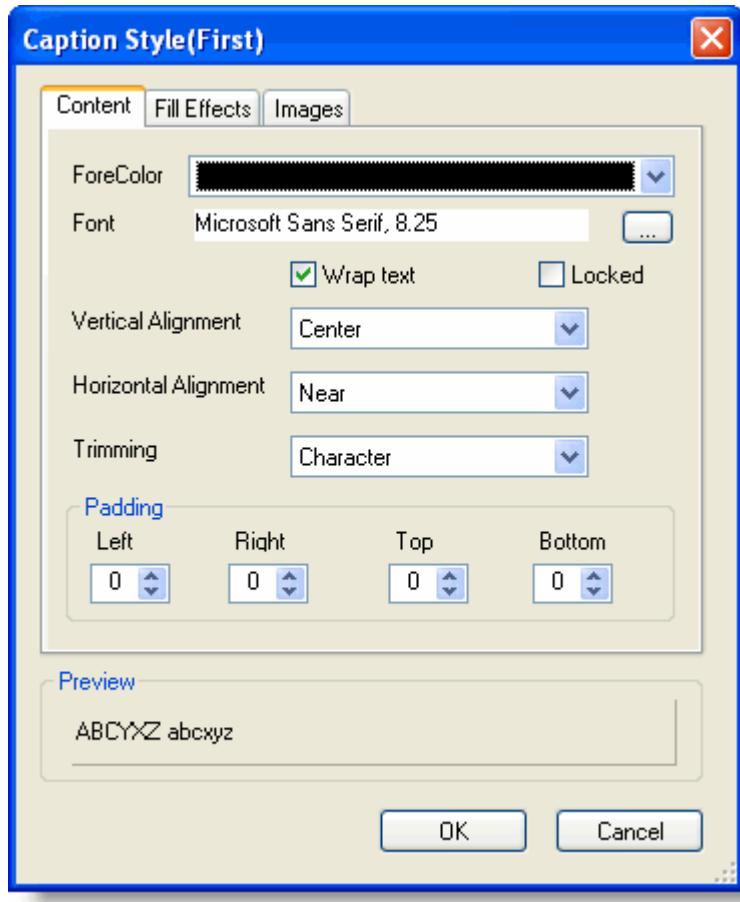
Selecting the **Visible when Grouped** check box sets the [ColumnVisible](#) to **True** for the selected column. The default is unchecked.

## Edit using DateTimePicker

Selecting the **Edit using DateTimePicker** check box sets the [EnableDateTimeEditor](#) property to **True** for the selected column. The default is checked.

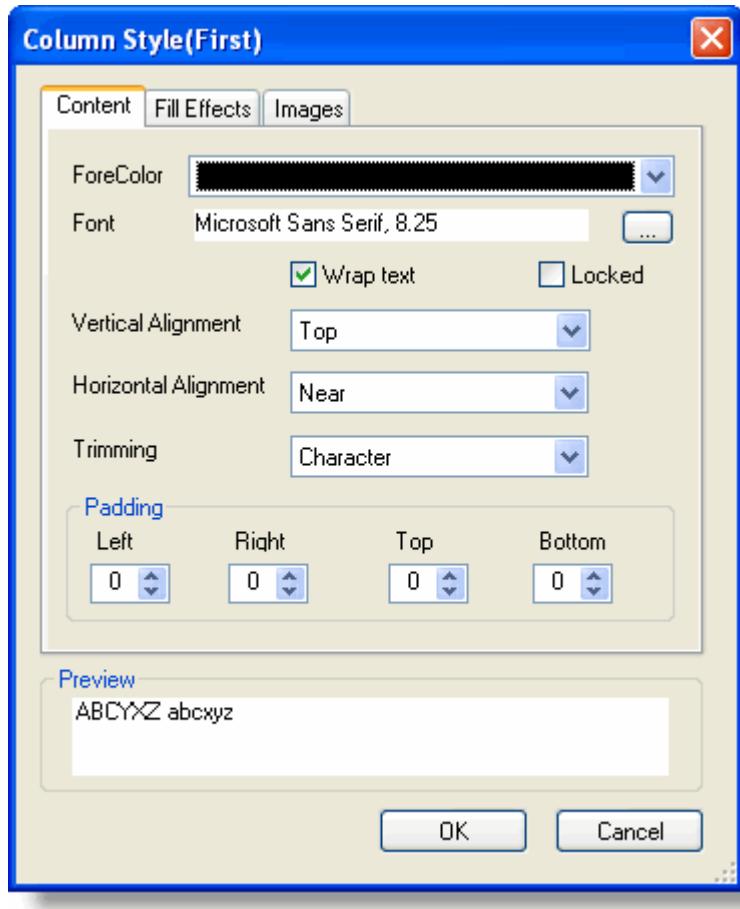
## Caption Style

Clicking **Caption Style** opens the **Caption Style** editor for the selected column, which allows you to specify the properties for the caption, including style, fill effects, and images.



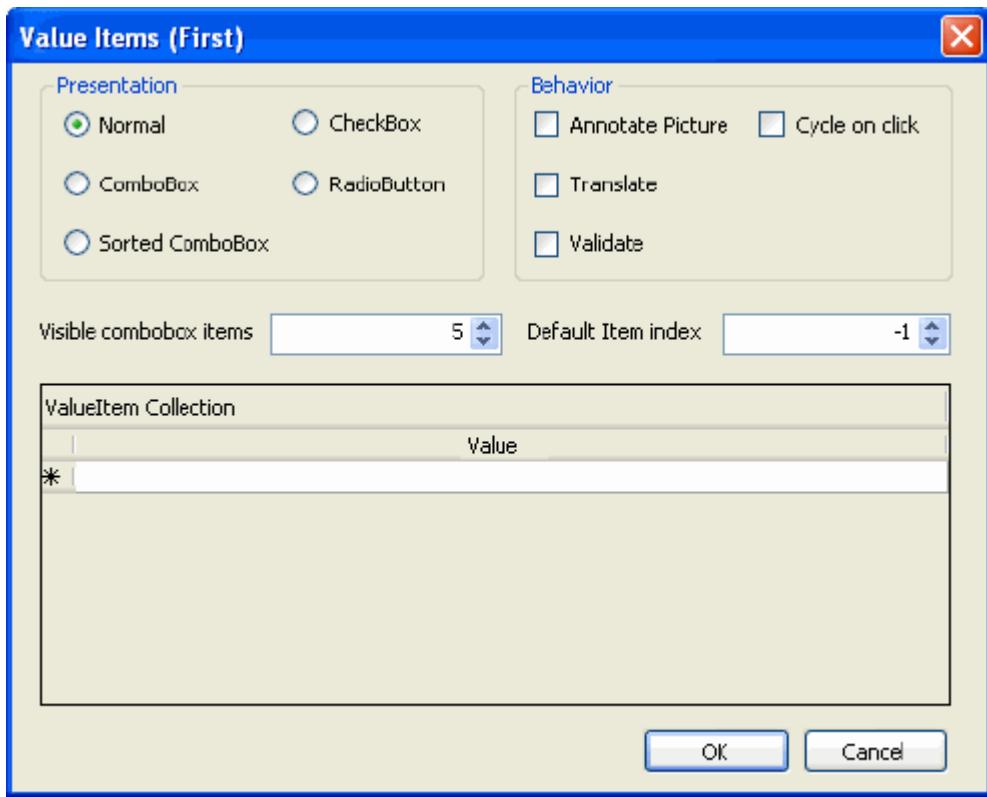
## Column Style

Clicking **Column Style** opens the **Column Style** editor for the selected column, which allows you to specify properties for the column, including style, fill effects, and images.



## Value Items

Clicking **Value Items** opens the **Value Items** editor for the selected column, which allows you to specify properties for the presentation and behavior of the **ValueItems** in the column.



## C1TrueDBGrid Tasks

Clicking **C1TrueDBGrid Tasks** returns you to the **C1TrueDBGrid Tasks** menu. For details on the **C1TrueDBGrid Tasks** menu, see [C1TrueDBGrid Tasks Menu](#).

### Dock in parent container

Clicking **Dock in parent container** sets the **Dock** property for **C1TrueDBGrid** to **Fill**.

If **C1TrueDBGrid** is docked in the parent container, the option to undock **C1TrueDBGrid** from the parent container will be available. Clicking **Undock in parent container** sets the **Dock** property for **C1TrueDBGrid** to **None**.

### Add Query

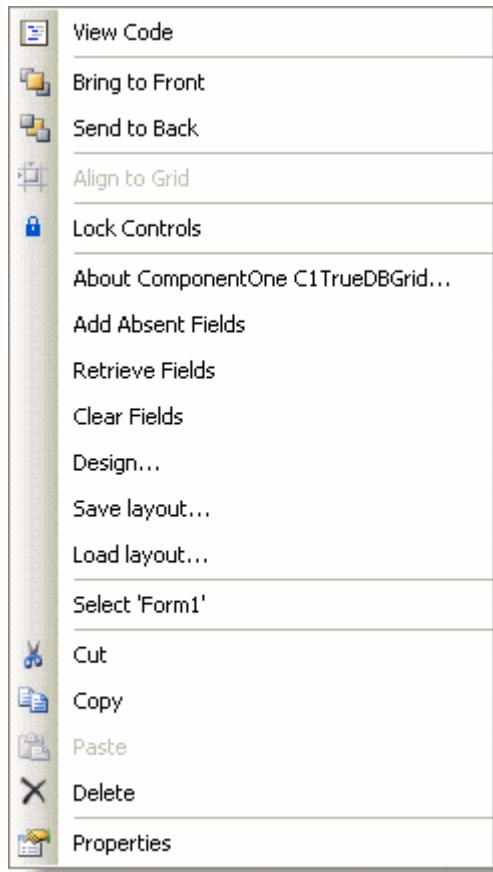
Clicking **Add Query** opens the **Search Criteria Builder** dialog box, which allows you to create or modify a query.

### Preview Data

Clicking **Preview Data** opens the **Preview Data** dialog box, where you can preview the data in the DataSet.

## C1TrueDBGrid Context Menu

Right-click anywhere on the grid to display the **True DBGrid for WinForms** context menu, which is a context menu that Visual Basic provides for all .NET controls. Although the **C1TrueDBGrid**'s context menu has a few extra features.



The context menu commands operate as follows:

## About ComponentOne C1TrueDBGrid

This command displays the grid's **About** dialog box, which is helpful in finding the build number of the grid.

## Add Absent Fields

This option adds fields from the data source that are not currently in the Columns collection.

## Retrieve Fields/Clear Fields

These commands initiate the **RetrieveFields** and **ClearFields** methods of the grid. **RetrieveFields** goes back to the data source and retrieves all of the formatting information and base data for the column. **ClearFields** clears out any existing column formatting.

## Design

This command brings up the **C1TrueDBGrid Designer**. This designer will enable the developer to add or delete columns, set **DataColumn**, **DisplayColumn**, and **Split** properties, and configure column order and many other aspects of the grid's design. For more information see [Using the C1TrueDBGrid Designer](#).

## Save Layout/Load Layout

These commands save the current layout of the grid (style properties, column widths, and so on) to an XML file, or retrieve the XML file, loading a new grid setup.

## Cut, Copy, Paste, Delete

These commands are identical to those on the Visual Studio **Edit** menu. **Cut** (CTRL+X) moves the grid from the Visual Basic form to the Clipboard. **Copy** (CTRL+C) moves a copy of the grid to the Clipboard while leaving the grid on the form intact. **Paste** (CTRL+V) copies the grid from the Clipboard to the form. **Delete** (the DEL key) removes the grid but does not move it to the Clipboard. You can undo the **Delete** command by selecting **Undo** (CTRL+Z) from the Visual Basic **Edit** menu.

## Bring To Front, Send To Back

These commands control the z-order of the grid relative to the other objects on the Visual Basic form. **Bring To Front** places the grid in front of other objects; **Send To Back** places it behind other objects.

## View Code

This command displays the grid's code window, which enables the viewing and editing of the grid's event handling code.

## Align to Grid

This command automatically aligns the outer edges of the grid control to the design-time grid lines on the form.

## Run-Time Interaction

The following topics describe how end users of your grid applications can interact with **True DBGrid for WinForms** at run time. You can give users the ability to perform any or all of the following:

- Navigate within the grid using the mouse or keyboard.
- Select rows or columns.
- Add, update, and delete records.
- Configure the grid's layout.

In the following sections, the properties and events associated with a particular user action are noted where applicable.

## See Also

[Navigation and Scrolling](#)

[Selection, Sorting, and Movement](#)

[Sizing and Splitting](#)

[Database Operations](#)

[Customized Grid Editors](#)

[Additional User Interaction Features](#)

## Navigation and Scrolling

The following sections describe the grid's default navigation and scrolling behavior. You always have complete control over the behavior of the TAB and arrow keys as well as the position of the current cell when a row or split boundary is reached.

## See Also

[Mouse Interaction](#)

[Clicking the Rightmost Column](#)

[Keyboard Interaction](#)

[Navigation at Row Boundaries](#)

[Navigation at Split Boundaries](#)

[Restricting Cell Navigation](#)

## Mouse Interaction

When the user clicks a non-current cell, the grid fires the [BeforeRowColChange](#) event. Unless this event is cancelled, the clicked cell becomes current and the grid subsequently fires the [RowColChange](#) event after any pending update operations have completed. The only exceptions to this are:

- If the user clicks a cell in a column or split that has the [AllowFocus](#) property set to **False**, and the cell belongs to the current row, then the current cell does not change.
- If the user clicks a cell in a column or split that has the [AllowFocus](#) property set to **False**, and the cell does not belong to the current row, then the current row changes, but the column with the focus retains it.
- If the current cell has been modified, and the [BeforeColUpdate](#) event is canceled, then the current cell does not change.
- If the current row has been modified, and the user clicks a cell in a different row, and the [BeforeUpdate](#) event is canceled, then the current cell does not change.

The user can also use the mouse to manipulate the grid's scroll bars, bringing cells that lie outside the grid's display area into view. The vertical scroll bar governs rows; the horizontal scroll bar governs columns. The [HScrollBar](#) property controls whether the horizontal scroll bars are displayed, while the [VscrollBar](#) property controls the vertical scroll bar.

Note that the scroll bars do not change the current cell. Therefore, the current cell may not always be visible.

To respond to vertical scrolling operations in code, use the [FirstRowChange](#) event. To respond to horizontal scrolling operations in code, use the [LeftColChange](#) event.

## Clicking the Rightmost Column

The grid always displays the leftmost column (the first visible column) in its entirety. The rightmost column, however, is usually clipped. The behavior of the last partially visible column when clicked by the user is controlled by the grid's [ExposeCellMode](#) property.

The default value for the [ExposeCellMode](#) property is [ExposeCellModeEnum.ScrollOnSelect](#). If the user clicks the rightmost column when it is partially visible, the grid will scroll to the left to display this column in its entirety. This may be less desirable for users who commonly click on the grid to begin editing, as the grid will always shift to the left when the user clicks on a partially visible rightmost column.

If [ExposeCellMode](#) is set to [ExposeCellModeEnum.ScrollOnEdit](#), the grid will not scroll when the rightmost visible column is clicked. However, if the user attempts to edit the cell, then the grid will scroll to the left to display the column in its entirety. This is how Microsoft Excel works and is probably the most familiar setting to users.

If [ExposeCellMode](#) is set to [ExposeCellModeEnum.ScrollNever](#), the grid will not scroll to make the rightmost column visible, even if the user subsequently attempts to edit the cell. Note that editing may be difficult if only a small portion of the column is visible. The chief reason to use this setting is

to ensure enough space is available for editing (or if editing is disallowed) and to prevent the grid from shifting accidentally.

Note that the [ExposeCellMode](#) property controls the behavior of the rightmost visible column only when the user clicks it with the mouse. If the rightmost column becomes visible by code (setting the grid's [Col](#) property) or by keyboard navigation, then the grid will always scroll to make it totally visible.

## Keyboard Interaction

**ComponentOne True DBGrid for WinForms** includes several keyboard shortcuts that can improve users' run-time interaction experience.

### In Grid View

By default, the user can navigate the grid with the arrow keys, the ENTER key, the TAB key, the Page Up and Page DOwn keys, and the HOME and END keys.

Key	Action
Up/Down Arrows	These keys move the current cell to adjacent rows.
Left/Right Arrows	If the <a href="#">AllowArrows</a> property is <b>True</b> (the default), these keys move the current cell to adjacent columns. If the <a href="#">AllowArrows</a> property is <b>False</b> , then these keys move focus from control to control and cannot be used to move between cells.
ENTER	By default, the ENTERkey behaves in the same manner as the RIGHT ARROW key, by moving the current cell from left to right along the adjacent columns. The behavior for the ENTER key can be modified by using the <a href="#">DirectionAfterEnter</a> property. When editing a cell, the ENTER key will save edits and then movie to the next cell.
TAB	If the <a href="#">TabAction</a> property is set to <b>Control Navigation</b> (the default), the TAB key moves focus to the next control on the form as determined by the tab order. If the TabAction property is set to <b>ColumnNavigation</b> or <b>GridNavigation</b> , the TAB key moves the current cell to the next column, while SHIFT+TAB moves to the previous column. The differences between column and grid navigation are discussed in the next section.

Key	Action
PAGE UP, PAGE DOWN	These keys scroll the grid up or down an entire page at a time. Unlike the vertical scroll bar, the PAgE Up and PAgE DOWn keys change the current row by the number of visible rows in the grid's display. When paging up, the current row becomes the first row in the display area. When paging down, the current row becomes the last row in the display area, including the <b>AddNew</b> row. The current column does not change.
HOME, END	These keys move the current cell to the first or last column. If necessary, the grid will scroll horizontally so that the current cell becomes visible. The current row does not change. If the current cell is being edited, HOME and END move the insertion point to the beginning or end of the cell's text.
F2	Switch between Edit mode (with insertion point displayed) and Navigation mode in a datasheet. When working in a form or report, press ESC to leave Navigation mode.
F4	This key shows or hides a combo box.
ALT+DOWN ARROW	You can use this key combination to show a combo box, such as a C1TrueDBG
ALT + LEFT ARROW	Collapses all open child grids.
ALT+RIGHT ARROW	Expands a child grid.
DELETE	The DELETE button deletes the row. In edit mode, the DELETE key deletes the selected contents of a cell, deleting content to the right of the cursor.
SPACE BAR	The SPACE BAR key initiates button clicks and check box and radio button selection and de-selection.
CTRL+C	This key combination copies the selected content to the Clipboard

Key	Action
CTRL+V	This key combination pastes the contents of the Clipboard to the selected location.
CTRL+X	This key combination cuts the selected content and copies it to the Clipboard
BACKSPACE, CTRL+H	In Edit mode you can use the BACKSPACE key or the CTRL+H key combination to delete content from a cell, deleting content to the left of the cursor.
TAB	The TAB key ends cell editing mode, saving any content changes and leaving the current cell selected.
INSERT	In cell editing mode, the INSERT key changes the way text is entered in a cell. When the INSERT key is active, inputted text overwrites existing content.
CTRL+UP/DOWN ARROW	These key combinations allow you to navigate in a list box. The CTRL+UP ARROW key combination allows you to navigate up to the previous item in a list box. The CTRL+DOWN ARROW lets you navigate down to the next item.

### Navigation at Row Boundaries

At row boundaries, namely the first and last column, grid navigation depends on the [WrapCellPointer](#) property. The following explanation assumes that the [AllowArrows](#) property is **True**, and that the [TabAction](#) property is set to either **ColumnNavigation** or **GridNavigation**.

Key	Action
Left/Right Arrows	If the WrapCellPointer property is set to <b>True</b> , the current cell wraps across row boundaries. If the current cell is in the last column, the RIGHT ARROW key moves it to the first column of the next row. If the current cell is in the first column, the LEFT ARROW key moves it to the last column of

Key	Action
	the previous row. If the WrapCellPointer property is set to <b>False</b> (default), these keys cannot move the current cell at row boundaries.
TAB	If the TabAction property is <b>ColumnNavigation</b> , the cell pointer does not wrap to an adjacent row, and the <b>WrapCellPointer</b> property is ignored. If the current cell is in the last column, TAB moves focus to the next control in the tab order. If the current cell is in the first column, SHIFT+TAB moves focus to the previous control in the tab order. If the TabAction property is <b>GridNavigation</b> and WrapCellPointer is <b>True</b> , TAB and SHIFT+TAB move the current cell to the next or previous row. The current cell will not cross row boundaries if WrapCellPointer is <b>False</b> .

## Navigation at Split Boundaries

At split boundaries, grid navigation depends on the [TabAcrossSplits](#) property as follows:

Key	Action
Left/Right Arrows	If the TabAcrossSplits property is set to <b>True</b> , these keys move the current cell across split boundaries to the next or previous split. If the TabAcrossSplits property is set to <b>False</b> (default), the behavior of these keys at split boundaries will be the same as their behavior at row boundaries. Note that a split's <a href="#">AllowFocus</a> property must be <b>True</b> in order for these keys to move the current cell to that split.
TAB	The TAB and SHIFT+TAB keys honor TabAcrossSplits as previously described for the arrow keys.

## Restricting Cell Navigation

The [BeforeRowColChange](#) event can be used to prevent the user from moving to a different cell, regardless of whether the current cell is modified. Set the **Cancel** argument to **True** to keep another cell from becoming current.

If the current cell has been modified, use the `BeforeColUpdate` event to examine its value before moving to another grid cell. If the value entered is invalid, set the `Cancel` argument to `True` to prevent the current cell from changing, and optionally beep or display an error message for the user. The `BeforeColUpdate` event provides a flexible way to validate user input and restrict cell navigation.

[To write code in Visual Basic](#)

Visual Basic	
--------------	--

```
Private Sub C1TrueDBGrid1_BeforeColUpdate(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.BeforeColUpdateEventArgs) Handles  
C1TrueDBGrid1.BeforeColUpdate  
    Dim CharCode As Integer  
    If e.ColIndex = 1 Then  
  
        ' Data in Column 1 must start with upper case.  
        CharCode = Asc(Me.C1TrueDBGrid1.Columns(1).Text)  
        If CharCode > 64 And CharCode < 91 Then Exit Sub  
  
        ' Display warning message for user.  
        MessageBox.Show("Last name must start with upper case")  
  
        ' Data validation fails, prohibit user from moving to another cell.  
        e.Cancel = True  
    End If  
End Sub
```

[To write code in C#](#)

C#	
----	--

```
private void c1TrueDBGrid1_BeforeColUpdate(object sender,  
C1.Win.C1TrueDBGrid.BeforeColUpdateEventArgs e) {  
    int CharCode;  
    if ( e.ColIndex == 1 )  
    {  
        // Data in Column 1 must start with upper case.  
    }  
}
```

```

CharCode = this.c1TrueDBGrid1.Columns[1].Text[0];
if ( CharCode > 64 && CharCode < 91 ) return;

// Display warning message for user.
MessageBox.Show("Last name must start with upper case");

// Data validation fails, prohibit user from moving to another cell.
e.Cancel = true;
}

}

```

## Selection, Sorting, and Movement

The following sections describe how users can select columns, move selected columns, and select rows. You can restrict any or all of these operations at design time or in code.

## See Also

[Selecting Columns](#)

[Moving Columns](#)

[Sorting Columns](#)

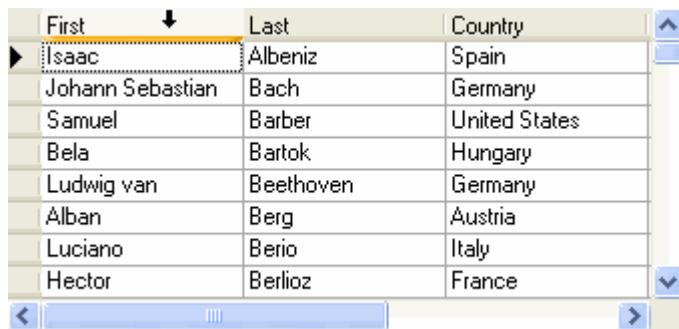
[Selecting Rows](#)

[Selecting a Range of Cells](#)

### Selecting Columns

If the [AllowColSelect](#) property is **True**, the user can select an individual column or a range of columns with the mouse. Nonadjacent column selections are not supported.

When the user points to the header of an unselected column, the mouse pointer changes to a down arrow to indicate that the column can be selected:



A screenshot of a TrueDBGrid control displaying a list of musicians. The grid has three columns: First, Last, and Country. The 'First' column header is highlighted with a yellow background and features a downward-pointing arrow, indicating it is a selectable column. The data in the grid is as follows:

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

When the user clicks a column header, that column is selected and highlighted, and any columns or rows that were previously selected are deselected:

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

There are two ways for the user to select a range of columns:

- After selecting the first column in the range by clicking its header, the user can select the last column in the range by holding down the SHIFT key and clicking another column header. If necessary, the horizontal scroll bar can be used to bring additional columns into view.
- Alternatively, the user can hold and drag the mouse pointer within the column headers to select multiple columns.

In order to manipulate the columns that have been selected at run-time, query the [SelectedColumnCollection](#). This is a collection of all the [C1 DataColumn](#) objects for the selected columns. For instance, if columns 5 through 10 are selected, the [SelectedColumnCollection](#) will have six members, each a [C1 DataColumn](#) object. This feature enables the display properties of the column to be altered directly. Using the **Item** property to access the [C1 DisplayColumn](#) properties, the code to change the forecolor to red for the first column selected would be:

[To write code in Visual Basic](#)

Visual Basic	
<pre>Dim dc as C1TrueDBGrid.C1DataColumn  dc = Me.C1TrueDBGrid1.SelectedCols(0) Me.C1TrueDBGrid1.Splits(0).DisplayColumns(dc).Style.ForeColor = System.Drawing.Color.Red</pre>	

[To write code in C#](#)

C#

```
dc as C1TrueDBGrid.C1DataColumn;  
  
dc = this.c1TrueDBGrid1.SelectedCols[0];  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[dc].Style.ForeColor =  
System.Drawing.Color.Red;
```

Prevent a column selection from occurring at run time by setting the **Cancelargument** to **True** in the grid's [SelChange](#) event.

### Moving Columns

If the [AllowColMove](#) property is **True**, the user can move previously selected columns as a unit to a different location by pressing the mouse button within the header area of any selected column. The pointer will change to an arrow with a column header box on its tip, a small box at its lower right corner, and a position marker consisting of two red triangles will appear at the left edge of the column being pointed to and highlighted.

	First	Last	Country
►	Isaac	Albeniz	Spain
	Johann Sebastian	Bach	Germany
	Samuel	Barber	United States
	Bela	Bartok	Hungary
	Ludwig van	Beethoven	Germany
	Alban	Berg	Austria
	Luciano	Berio	Italy
	Hector	Berlioz	France

The user specifies the desired location of the selected columns by dragging position marker, which changes position as the mouse pointer crosses the right edge of a column.

	First	Last	Country
►	Isaac	Albeniz	Spain
	Johann Sebastian	Bach	Germany
	Samuel	Barber	United States
	Bela	Bartok	Hungary
	Ludwig van	Beethoven	Germany
	Alban	Berg	Austria
	Luciano	Berio	Italy
	Hector	Berlioz	France

The user completes the operation by releasing the mouse button, which moves the selected columns immediately to the left of the position marker. The moved columns remain selected.

Last	First	Country
Albeniz	Isaac	Spain
Bach	Johann Sebastian	Germany
Barber	Samuel	United States
Bartok	Bela	Hungary
Beethoven	Ludwig van	Germany
Berg	Alban	Austria
Berio	Luciano	Italy
Berlioz	Hector	France

If the user drags the marker to a position within the currently selected range, no movement occurs. Columns that are not selected cannot be moved interactively.

When a move occurs, the index in the Columns Collection is adjusted for all affected columns.

Prevent interactive column movement from occurring at run time by setting the **Cancel** argument to **True** in the [ColMove](#) event.

## See Also

[Moving Columns at Run Time](#)

### *Moving Columns at Run Time*

If the [AllowColMove](#) property is **True**, the user can move columns at run time also. Since there is no order property for a [C1DisplayColumn](#) the [C1DisplayColumnCollection](#) needs to be manipulated to move a column at run time. The [C1DisplayColumnCollection](#) holds all of the columns in a split. So to move a column, the user needs to remove the [C1DisplayColumn](#) from the collection, and then replace the column in the new position. The commonplace collection methods of **RemoveAt** and **Add** help accomplish this quite easily. The code which would transpose the first two columns in the default split would look as follows:

[To write code in Visual Basic](#)

Visual Basic	
<pre>Dim dc as C1TrueDBGrid.C1DisplayColumn dc = Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1) Me.C1TrueDBGrid1.Splits(0).DisplayColumns.RemoveAt(1) Me.C1TrueDBGrid1.Splits(0).DisplayColumns.Insert(0, dc)</pre>	

[To write code in C#](#)

C#

```
dc as C1TrueDBGrid.C1DisplayColumn;
dc = this.c1TrueDBGrid1.Splits[0].DisplayColumns[1];
this.c1TrueDBGrid1.Splits[0].DisplayColumns.RemoveAt(1);
this.c1TrueDBGrid1.Splits[0].DisplayColumns.Insert(0, dc);
```

## Sorting Columns

If the [AllowSort](#) property is **True** (default), the user can sort columns by clicking on column headers. When the mouse is over a column header, the header will appear highlighted:

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

If the user clicks on the column header once with the mouse, the column is sorted and a sort indicator arrow appears in the column header to indicate the direction of the sort:

First	Last	Country
Alban	Berg	Austria
Anton	Bruckner	Austria
Gustav	Mahler	Austria
Wolfgang Amadeu	Mozart	Austria
Arnold	Schoenberg	Austria
Franz	Schubert	Austria
Anton von	Webern	Austria
Heitor	Villa-Lobos	Brazil

If the user clicks the header again, the sort is reversed and the direction of the sort indicator arrow is also reversed:

First	Last	Country
Samuel	Barber	United States
Leonard	Bernstein	United States
Aaron	Copland	United States
George	Gershwin	United States
Charles	Ives	United States
Virgil	Thomson	United States
Ernest	Bloch	Switzerland
Isaac	Albeniz	Spain

If the [AllowColSelect](#) property is set to **False** the column will not be selected when sorting.

To prevent users from sorting columns at run time set the [AllowSort](#) property to **False**, for more information see the [Disabling Column Sorting](#) topic.

### Selecting Rows

Row selection is also very easy to master with **True DBGrid for WinForms**. When the cursor hovers over the record selector to the left of a row, a small arrow will indicate that this row is about to be selected. Then by clicking on this record selector, the row then becomes selected. To select a contiguous range of rows, manipulate the arrow keys while holding down the shift button. This will select the cells in every field for the range of rows that the user has selected. To select a non-contiguous range of rows, click on the rows to be selected while holding down the CTRL button. This will select the cells in every field for the set of non-contiguous rows that the user has selected.

In order to find out which rows have been selected at run-time, query the [SelectedRowCollection](#). This is a collection of all the row indices for the selected rows. For instance, if rows 5 through 10 are selected, the [SelectedRowCollection](#) will have six members. Each member will be an integer value and will be an integer that corresponds to the absolute row position of the selected row.

### Selecting a Range of Cells

When it comes to cell selection, **True DBGrid for WinForms** has multi-select capability enabled at all times, very similar to Microsoft Excel. By clicking on a cell and dragging the mouse, or by using the arrow keys, a range of cells can be selected. In turn, by clicking on a record selector and manipulating the mouse a set of rows can be selected. This range is not restricted to the row or column of the initial cells origin, although non-contiguous cell selection is not supported.

When a range of cells is selected the grid's [SelRange](#) property becomes **True**. This will indicate that neither just the [SelectedRowCollection](#) nor just the [SelectedColumnCollection](#) collections will tell which cells are selected. By evaluating both collections, though, and taking the intersection of the two collections, the selected cell range can be discovered at run time. For instance, if the user clicked on the second row, second column, and dragged the mouse to the fourth row, fourth column, the [SelectedRowCollection](#) collection would contain the integers 2, 3, and 4, while the [SelectedColumnCollection](#) collection would contain the [C1 DataColumn](#) objects for columns 2, 3,

and 4. From this, it can be discerned at run-time that there is a nine-cell range selected from column 2, row 2, to column 4, row 4.

## Sizing and Splitting

The following sections describe how users can resize rows, columns, and splits. Restrict any or all of these operations at design time or in code.

## See Also

[Sizing Rows](#)

[Sizing Columns](#)

### Sizing Rows

If the [AllowRowSizing](#) property is set to either **RowSizingEnum.AllRows** or **RowSizingEnum.IndividualRows**, the user can change the row height at run time. When the user points to a row divider in the record selector column, the pointer changes to a vertical double arrow that the user can drag to adjust the height of all rows.

	First	Last	Country
►	Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	
Bela	Bartok	Hungary	
Ludwig van	Beethoven	Germany	
Alban	Berg	Austria	
Luciano	Berio	Italy	
Hector	Berlioz	France	

Dragging the pointer upward makes the rows smaller; dragging it downward makes the rows larger. If the property is set to **AllRows**, then all rows in the grid will be resized to the same height; it is not possible to resize individual rows. If the property is set to **IndividualRows**, then each row can be sized independently.

In addition, if the grid does not display the record selector column (that is, the [RecordSelectors](#) property is **False**), users cannot interactively change the row height.

The [RowHeight](#) property of the grid will be adjusted when the user completes the resize operation.

Prevent row resizing from occurring at run time by setting the [Cancel](#) argument to **True** in the [RowResize](#) event. Change the [RowHeight](#) of the grid in code, even if [AllowRowSizing](#) is [RowSizingEnum.None](#) or the [RowResize](#) event is cancelled.

## Sizing Columns

If the [AllowSizing](#) property is **True** for a column, the user can adjust the width of the column individually at run time. When the user points to the divider at the right edge of a column's header, the pointer changes to a horizontal double arrow that the user can drag to resize the column in question.



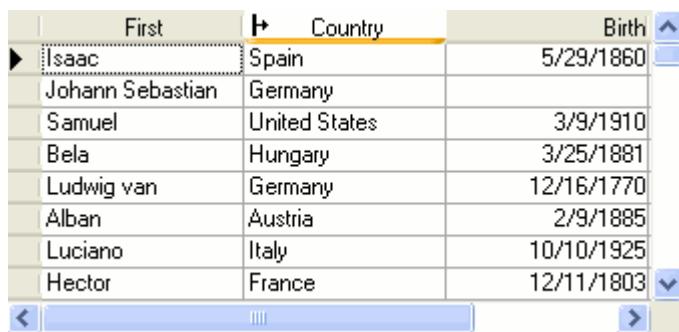
A screenshot of a Windows DataGrid control. The grid has three columns: 'First', 'Last', and 'Country'. The 'Last' column header is highlighted with a yellow background and has a horizontal double-headed arrow icon at its right edge, indicating it is resizable. The data rows contain the following information:

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

Dragging the pointer to the left makes the column smaller; dragging it to the right makes the column larger. The column's [Width](#) property will be adjusted when the user completes the resize operation.

If the grid does not display column headers (that is, the [ColumnHeaders](#) property is **False**), the horizontal double arrow will appear when the pointer is over the column divider within the grid's data area.

If the user drags the pointer all the way to the left, the column retains its original **Width** property setting, but its [Visible](#) property is set to **False**. To make the column visible again, the user can point to the right side of the divider of the column that preceded it. The pointer turns into a vertical bar with a right arrow.



A screenshot of a Windows DataGrid control. The grid has four columns: 'First', 'Country', and 'Birth'. The 'Country' column header is highlighted with a yellow background and has a horizontal double-headed arrow icon at its right edge, indicating it is resizable. The data rows contain the following information:

First	Country	Birth
Isaac	Spain	5/29/1860
Johann Sebastian	Germany	
Samuel	United States	3/9/1910
Bela	Hungary	3/25/1881
Ludwig van	Germany	12/16/1770
Alban	Austria	2/9/1885
Luciano	Italy	10/10/1925
Hector	France	12/11/1803

Dragging the pointer to the right establishes a new column width and sets the column's [Visible](#) property back to **True**.

Another way to resize columns is to use the [AutoSize](#) method to specify auto-sizing for a specific **Column** object in code. When a column is auto-sized, its width is adjusted to fit the longest *visible*

field in that column. Longer records that are not displayed in a visible row when **AutoSize** is invoked do not participate in the width calculations. Furthermore, if the specified column is either hidden or scrolled out of view, a trappable error occurs.

Prevent column resizing from occurring at run time by setting the **CancelEventArgs** to **True** in the **ColResize** event. Change the width of a column in code, even if **AllowSizing** is **False** for that column.

## Database Operations

The editing, deleting, and adding permissions granted to the user at run time are controlled by the **AllowUpdate**, **AllowDelete**, and **AllowAddNew** properties. The default values of these properties are:

Property	Default
AllowUpdate	True
AllowDelete	False
AllowAddNew	False

Note that these properties only control user interaction with the grid at run time. They do not control whether database operations can be performed by the **DataSet** or other bound controls, or by the application code.

## See Also

[Editing Data](#)

[Adding a New Record](#)

[Deleting a Record](#)

### Editing Data

**True DBGrid for WinForms'** [AllowUpdate](#) property must be **True** in order for the user to edit data in the grid. The default value is **True**.

If the user moves to a cell and starts typing, the cell's data will be replaced by what is typed. Alternatively, clicking within the current cell will put the grid into edit mode (its [EditActive](#) property becomes **True**), enabling the user to modify the cell's data.

While editing, the LEFT ARROW and RIGHT ARROW keys move the insertion point within the cell. If the insertion point is at the beginning or end of the cell's text, the LEFT ARROW and RIGHT ARROW keys will terminate editing by moving to the adjacent cell. The UP ARROW and DOWN ARROW keys terminate editing by moving the current cell to the row above or below the current one. The user can also end editing without moving the current cell by pressing the ENTER key.

When one or more cells in a row have been modified, a pencil icon will appear in the record selector column to indicate that data in the row has been changed. The pencil icon does **not** mean that the grid's **EditActive** property is **True**; it means that the grid's **DataChanged** property is **True**. To cancel the changes made to the current cell, the user can press the ESC key. In fact, before moving to another row, the user can revisit any column within the current row and press the ESC key to restore the cell to its original value. If the user repeats this procedure for all modified cells in the row, the pencil icon in the record selector will disappear.

Moving to another row by clicking it, using the UP ARROW or DOWN ARROW keys, or by clicking the navigation buttons of the Data control will update the modified record to the database. If the update is successful, the pencil icon will disappear. If no grid columns have been modified, no update will occur when changing rows.

### **Adding a New Record**

**True DBGrid for WinForms'** [AllowAddNew](#) property must be **True** in order for the user to add new records to the grid interactively. The default value is **False**.

If the [AllowAddNew](#) property is **True**, an empty *AddNew* row, marked by an asterisk in the record selector column, will be displayed after the last record. The user can initiate an add operation by navigating to the AddNew row, either by clicking it or by using the DOWN ARROW key, then typing new data. The first character typed will cause the grid to insert a blank row before the AddNew row. The newly inserted blank row becomes the current row, and the grid fires the [OnAddNew](#) event.

At this point, the new row exists only in the grid—it does not have a bookmark, and it does not yet represent a physical database record. The new row is added to the underlying data source when the user navigates to another data row or the AddNew row.

### **Deleting a Record**

**True DBGrid for WinForms'** [AllowDelete](#) property must be **True** in order for the user to delete records through the grid. The default value is **False**.

To delete a record, the user selects the row to be deleted by clicking its record selector, then pressing the DEL key. Only one record can be deleted at a time. The user cannot select multiple records and press the DEL key to delete them all.

In order for the record to be deleted, the grid must have focus so it can receive the DEL key. Clicking the grid's record selector column does **not** set focus to the grid. However, if you always want the grid to receive focus when the user clicks the record selector column, set focus to the grid in the grid's [SelChange](#) event:

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub C1TrueDBGrid1_SelChange(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.CancelEventArgs) Handles C1TrueDBGrid1.SelChange  
    Me.C1TrueDBGrid1.Focus()  
End Sub
```

To write code in C#

C#

```
private void C1TrueDBGrid1_SelChange(object sender,  
C1.Win.C1TrueDBGrid.CancelEventArgs e)  
{  
    this.c1TrueDBGrid1.Focus();  
}
```

## Customized Grid Editors

The following sections describe how to use and create custom grid editors.

## See Also

[Using Custom Editors](#)

[Creating Custom Editors](#)

### Using Custom Editors

The built-in editors provide a lot of flexibility and power, but in some cases you may want to use external controls as specialized editors. For example, you may want to use the **C1NumericEdit** control that provides a drop-down calculator for entering numbers, or an editor for selecting from multi-column lists, or a specialized control that you wrote to edit your business objects.

 **Note:** The **C1NumericEdit** control is one of the **Input for WinForms** controls. For more information on the **C1NumericEdit** control, please refer to the **Input for WinForms** documentation which is available on [ComponentOne HelpCentral](#).

Any control that derives from the base **Control** class can be used as a basic grid editor. Controls that implement the **IC1EmbeddedEditor** interface can provide better integration with the grid and more advanced features. For details on the **IC1EmbeddedEditor** interface, see the [Editor](#) property.

To use a control as a custom editor, all you have to do is associate an instance of the control with a grid column using the **Editor** property. You can do this in code using the **Editor** property. After that, the control will be automatically used by the grid.

For example, to use a **C1NumericEdit** control as a grid editor, follow these steps:

1. Add a **C1TrueDBGrid** control and a **C1NumericInput** control to the form.
2. For the **C1NumericInput** control, set the **BorderStyle** property to **None** and the **Visible** property to **False** either in the Properties window or by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
' Set up the custom editor.  
Me.C1NumericEdit1.BorderStyle = BorderStyle.None  
Me.C1NumericEdit1.Visible = False
```

[To write code in C#](#)

C#

```
// Set up the custom editor.  
this.c1NumericEdit1.BorderStyle = BorderStyle.None;  
this.c1NumericEdit1.Visible = false;
```

3. In the **Form\_Load** event assign the custom editor to the grid column.

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load  
  
' Assign the custom editor to the grid.  
Me.C1TrueDBGrid1.Columns(0).Editor = Me.C1NumericEdit1
```

```
End Sub
```

To write code in C#

C#

```
private void Form_Load(object sender, EventArgs e)
{
    // Assign the custom editor to the grid.
    this.c1TrueDBGrid1.Columns[0].Editor = this.c1NumericEdit1;
}
```

Run the project and edit some values in the first column. Notice how the grid positions and initializes the **C1NumericEdit** control so you can edit cell values. When you are done editing a cell, click a different cell or press the TAB key to move to the next one. Notice how the new value is applied to the cell.

### Creating Custom Editors

Any control that derives from the **Control** base class can be used as a grid editor. This is possible because the grid knows enough about the base class to access properties such as **Text** and **Bounds**, and events such as **Leave** and **TextChanged**. In many cases this level of support is adequate.

In some cases, however, you may want to use controls that do not follow the base class that closely. For example, a **DateTimePicker** control has a **Value** property that should be used to retrieve the edited value instead of **Text**. In these cases, you can implement one or more methods in the **IC1EmbeddedEditor** interface to override the default behavior. For example, all controls in the C1Input library support **IC1EmbeddedEditor** and therefore integrate closely with **C1TrueDBGrid** (and also **C1FlexGrid**).

The **IC1EmbeddedEditor** interface is fairly simple, and because the grid binds to it using late binding, you do not even have to implement all its members. Only implement the ones that make sense to your editor control.

The interface does provide enough flexibility to allow virtually any control to be used as a grid editor. You can even use **UITypeEditor** classes as grid editors. To do this, you need a wrapper class that:

1. Derives from **Control** (**UITypeEditor** does not).
2. Implements the **IC1EmbeddedEditor** interface.
3. Encapsulates the appropriate **UITypeEditor**.

 **Note:** For a complete sample using this wrapper class, see the **CustomEditors** sample installed with **Studio for Winforms**.

Using the **UITypeEditor** wrapper class, you can use any **UITypeEditors** with the **C1TrueDBGrid**. .NET provides several **UITypeEditors** for editing colors, fonts, file names, and so on. You can also write your own **UITypeEditors**, in some cases that is easier than writing a control.

## Additional User Interaction Features

**True DBGrid for WinForms** provides additional data presentation and manipulation functionality that can be exposed to users at run time. For more information, please see the following topics:

- [Context-sensitive Help with CellTips](#)
- [Scroll Tracking and ScrollTips](#)
- [Hierarchical Data Display](#)
- [Drop-down Hierarchical Data Display](#)
- [Column Grouping](#)

## Data Binding

The following topics describe how to bind to a data source, create and use unbound columns, and display data without binding to a data source.

## See Also

[Binding True DBGrid for WinForms to a Data Source](#)

[Preserving the Grid's Layout](#)

[Using Unbound Columns](#)

[Creating an Unbound Grid](#)

[Adding New Rows to an Unbound Grid](#)

## Binding True DBGrid for WinForms to a Data Source

With an amazing ease of use, **ComponentOne True DBGrid for WinForms** can universally bind to any .NET data source. Requiring little or no code at all, the **C1TrueDBGrid** control can create a fully-navigational database browser in mere seconds.

**True DBGrid for WinForms** fully supports data binding to ADO.NET objects such as **DataTable**, **DataView** and **DataSet** objects. You also have an even easier option of binding to **ComponentOne DataObjects Express** data sources, **C1ExpressTable** and **C1ExpressConnection**. **C1TrueDBGrid** also fully supports the powerful **ComponentOne DataObjects for WinForms Enterprise** framework included in the ComponentOne Studios.

To associate a **True DBGrid for WinForms** control with an ADO.NET or **ComponentOne DataObjects for WinForms** data source, set the **DataSource** property of the grid to a **DataSet** on the same form. If the **DataSet** contains multiple tables, you can select a table name in the **DataMember** property combo box. The **DataSource** and **DataMember** properties can be set both through code, and through Visual Studio's Properties window. This is all that is required to make **True DBGrid for WinForms** fully aware of the database or **DataTable** in your application.

Once such a link exists, **True DBGrid for WinForms** and the **DataSet** automatically notify and respond to operations performed by the other, simplifying your application development.

## Preserving the Grid's Layout

You can use the **SetDataBinding** method to bind the grid at run time. For example, the following code binds the **C1TrueDBGrid** control to the **Customers** table in the **DSCustomers** data source:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.SetDataBinding(Me.DsCustomers.Customers, "")
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.SetDataBinding(this.DsCustomers.Customers, "");
```

If the **DataSource** is reset through code, it will show all of the data in the grid and will not keep the initial layout created with the Designer. You can ensure that the grid layout remains as designed by using the **SetDataBinding** method with the **HoldFields** parameter set to **True**. For example

[To write code in Visual Basic](#)

Visual Basic

```
C1TrueDBGrid1.SetDataBinding(Me.DsCustomers.Customers, "", True)
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.SetDataBinding(this.DsCustomers.Customers, "", true);
```

For another example of using the **SetDataBinding(Object, String, Boolean)** method, see [Tutorial 2: Using True DBGrid for WinForms with SQL Query Results](#).

Note that you can create an unbound grid by using the SetDataBinding method without arguments. See [Creating an Unbound Grid](#) for details.

## Using Unbound Columns

Normally, **True DBGrid for WinForms** automatically displays data from bound database fields. However, you may need to augment the set of fields present in your layouts with columns derived from database fields, or columns that are unrelated (or only loosely related) to database information. For example, if your database contains a *Balance* field, you may instead want to display two columns, *Credit* and *Debit*, to show positive and negative numbers separately. Or, you may want to look up data in another database, or convert field data to some other form, such as mapping numeric codes to textual descriptions.

To accomplish such tasks you can use unbound columns. The term *unbound column* refers to a column that is part of a *bound grid*, but is not tied directly to a database field.

Columns that do not have the [DataField](#) property set (that is, the DataField property is equal to an empty string), but do have the column [Caption](#) property set are considered unbound columns. The grid will request data for these columns through the [UnboundColumnFetch](#) event.

Columns with their DataField property set will be bound, if the DataField property is the same as one of the fields of the Data Source.

Columns with their DataField property set to a value that is not in the DataSet are ignored for the purposes of fetching data. Similarly, columns that have no value for both the DataField and [Caption](#) properties set are also ignored.

## See Also

[Creating Unbound Columns](#)

[Implementing Multiple Unbound Columns](#)

[Updating Unbound Columns](#)

[Editing Unbound Columns](#)

## Creating Unbound Columns

The first step in using an unbound column is creating the column itself. This may be done in the designer by adding a column through the **C1TrueDBGrid Designer**. In code, unbound columns may be added using the [Insert](#) method of the C1DataColumnCollection. The column must be given a name by setting its [Caption](#) property. In the designer, this is done using the **C1TrueDBGrid Designer**. In code, the [Caption](#) property of the appropriate C1 DataColumn object is set. C1 DataColumn objects that are added to the C1DataColumnCollection cause a corresponding C1DisplayColumn to be added to the C1DisplayColumnCollection for all splits. The default visible property of the newly added C1DisplayColumn will be **False**.

When attempting to insert an unbound column in code, use the [Rebind](#) method to ensure that the column appears at the desired position within the grid:

To write code in Visual Basic

Visual Basic

```
Dim Col As New C1.Win.C1TrueDBGrid.C1DataColumn
Dim dc As C1.Win.C1TrueDBGrid.C1DisplayColumn

With Me.C1TrueDBGrid1
    .Columns.Insert(0, Col)
    Col.Caption = "Unbound"
    dc = .Splits(0).DisplayColumns.Item("Unbound")

    ' Move the newly added column to leftmost position in the grid.
    .Splits(0).DisplayColumns.RemoveAt(.Splits(0).DisplayColumns.IndexOf(dc))
    .Splits(0).DisplayColumns.Insert(0, dc)
    dc.Visible = True
    .Rebind(True)
End With
```

To write code in C#

C#

```
C1.Win.C1TrueDBGrid.C1DataColumn Col = new C1.Win.C1TrueDBGrid.C1DataColumn();
C1.Win.C1TrueDBGrid.C1DisplayColumn dc;
```

```

c1TrueDBGrid1.Columns.Insert(0, Col);
Col.Caption = "Unbound";
dc = c1TrueDBGrid1.Splits[0].DisplayColumns["Unbound"];

// Move the newly added column to leftmost position in the grid.
c1TrueDBGrid1.Splits[0].DisplayColumns.RemoveAt(C1TrueDBGrid1.Splits[0].DisplayC
olumns.IndexOf(dc));
c1TrueDBGrid1.Splits[0].DisplayColumns.Insert(0, dc);
dc.Visible = true;
c1TrueDBGrid1.Rebind(true);

```

When the grid needs to display the value of an unbound column, it fires the **UnboundColumnFetch** event. This event supplies the user with a row and column index as the means of identifying the grid cell being requested. The **Value** property to the event is of type Object that by default is **Null**, but can be changed to any desired value, and will be used to fill the contents of the cell specified by the given row and column index.

[To write code in Visual Basic](#)

Visual Basic	
--------------	--

```

Private Sub C1TrueDBGrid1_UnboundColumnFetch(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs) Handles
C1TrueDBGrid1.UnboundColumnFetch

```

[To write code in C#](#)

C#	
----	--

```

private void c1TrueDBGrid1_UnboundColumnFetch(object sender,
C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs e)

```

## Implementing Multiple Unbound Columns

So far, our examples have demonstrated the **UnboundColumnFetch** event using only a single unbound column but more than one unbound column can be used. Since the **UnboundColumnFetch** is fired for each unbound column of each row, only one column value may be set at a time, and each column must be identified for the value to be properly determined. The

second [UnboundColumnFetch](#) property, [Column](#), is used to identify the column of the grid for which the value is required.

[To write code in Visual Basic](#)

Visual Basic

```
' Will be used as the copy.  
Dim dtCopy As Data.DataTable  
  
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load  
    dtCopy = Me.DataSet11.Tables(0).Copy()  
End Sub  
  
Private Sub C1TrueDBGrid1_UnboundColumnFetch(ByVal sender As System.Object,  
ByVal e As C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs) Handles  
C1TrueDBGrid1.UnboundColumnFetch  
    Select Case e.Column.Caption  
        Case "Area"  
  
            ' Calculate the "Area" column of the grid.  
            e.Value = dtCopy.Rows(e.Row).Item("Length") *  
dtCopy.Rows(e.Row).Item("Width")  
        Case "Perimeter"  
  
            ' Calculate the "Perimeter" column of the grid.  
            e.Value = 2 * (dtCopy.Rows(e.Row).Item("Length") +  
dtCopy.Rows(e.Row).Item("Width"))  
    End Select  
End Sub
```

[To write code in C#](#)

C#

```
// Will be used as the copy.
```

```

Data.DataTable dtCopy;

private void Form1_Load( System.Object sender, System.EventArgs e)
{
    dtCopy = this.DataSet11.Tables[0].Copy();
}

private void C1TrueDBGrid1_UnboundColumnFetch(object sender,
C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs e)
{
    switch (e.Column.Caption)
    {
        case "Area";

            // Calculate the "Area" column of the grid.
            e.value = dtCopy.Rows[e.Row].Item["Length"] *
dtCopy.Rows[e.Row].Item["Width"];
            break;
        case "Perimeter";

            // Calculate the "Perimeter" column of the grid.
            e.value = 2 * (dtCopy.Rows[e.Row].Item["Length"] +
dtCopy.Rows[e.Row].Item["Width"]);
            break;
    }
}

```

## Updating Unbound Columns

In most cases, unbound columns will be read-only, as the values are derived from other data in the grid. In these cases, set the [Locked](#) property of the column's style to **True**.

If [Locked](#) is **False** and updates are allowed, the user can edit the values of an unbound column. If editing of an unbound column occurs, the row will be marked as dirty (a pencil icon will be shown in the record selector column) and the update sequence will be performed as usual. However, the grid does not know what to do with the modified data, since there is no database field in which to store it. In this situation the [UnboundColumnUpdated](#) event will be raised.

The [BeforeUpdate](#) event can be used to cancel the update operation. Therefore, if the unbound column is to be used in cooperation with another database, the update of the unbound column should be performed in BeforeUpdate. If the operation fails, then the event should be canceled.

However, if the operation succeeds, then the bound update should be allowed to proceed. The bound update may then fail; hence any database actions associated with unbound columns would best be handled on a transactional basis.

If the bound update succeeds, the [AfterUpdate](#) event is fired, and the unbound column transaction should be committed. If the bound update fails, the unbound column transaction should be rolled back within .NET's trappable error handler, depending on how the update was initiated. If transactions are not available, then store the original unbound column values prior to the update, then perform another update to restore these values should the bound update fail.

### Editing Unbound Columns

Another technique for updating an unbound column is to use the [AfterColUpdate](#) event to adjust the value of other (bound) columns. For example, imagine a pair of columns for *Debit* and *Credit*, as shown in this portion of a grid display:

Credit	Debit
\$13,677.13	
\$3,288.50	
\$5,466.78	
	\$2,208.00
	\$1,513.00
\$297.30	
\$2,344.50	

Assume that there is no database field for these, but that they are unbound columns that derive their value from a single *Balance* column, which is either positive or negative. From the user's perspective, it would be desirable to edit these values directly. From your perspective, it would be desirable to have the grid update the dependent *Balance* column automatically.

**True DBGrid for WinForms** makes such tasks easy. The following code would be put in the grid's *AfterColUpdate* event to cause either column to change the *Balance* column when updated:

#### To write code in Visual Basic

Visual Basic

```
Private Sub C1TrueDBGrid1_AfterColUpdate(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.ColEventArgs) Handles C1TrueDBGrid1.AfterColUpdate  
    Dim row as Integer = Me.C1TrueDBGrid1.Row  
    Me.C1TrueDBGrid1(row, "Balance") = -e.Column.DataColumn.Value  
End Sub
```

To write code in C#

C#

```
private void C1TrueDBGrid1_AfterColUpdate(object sender,
C1.Win.C1TrueDBGrid.C1EventArgs e)
{
    int row = this.c1TrueDBGrid1.Row;
    this.c1TrueDBGrid1[row, "Balance"] = -e.Column.DataColumn.Value;
}
```

Notice that, when updating these columns, the code actually changes the value of the *Balance* column, which is both bound and invisible.

## Creating an Unbound Grid

**True DBGrid for WinForms** can display data without being bound to a DataSource. Creating an unbound grid can be done in a few steps.

To create an unbound grid, complete the following:

1. Begin by creating your columns. This can be done either in the designer or in code. For more information on creating columns, see [Creating Unbound Columns](#).

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("FirstName",
GetType(String)))
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("LastName",
GetType(String)))
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDbGrid.C1DataColumn("DateOfBirth",
GetType(DateTime)))
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Columns.Add(new
```

```
C1.Win.C1TrueDBGrid.C1DataColumn("FirstName",typeof(string)));
this.c1TrueDBGrid1.Columns.Add(new
C1.Win.C1TrueDBGrid.C1DataColumn("LastName",typeof(string)));
this.c1TrueDBGrid1.Columns.Add(new
C1.Win.C1TrueDBGrid.C1DataColumn("DateOfBirth",typeof(DateTime)));
```

2. Call the [SetDataBinding](#) method with no arguments.

[To write code in Visual Basic](#)

Visual Basic	
Me.C1TrueDBGrid1.SetDataBinding()	

[To write code in C#](#)

C#	
this.c1TrueDBGrid1.SetDataBinding();	

3. Use the [AddRow](#) or [AddRows](#) method to populate the grid.

[To write code in Visual Basic](#)

Visual Basic	
Me.C1TrueDBGrid1.AddRow("John;Doe;11/29/1985") Me.C1TrueDBGrid1.AddRow("Jane;Doe;7/12/1980")  Dim index As Integer = Me.C1TrueDBGrid1.AddRows(2) Dim i As Integer For i = index To 1     Me.C1TrueDBGrid1(i, "FirstName") = "Joe"     Me.C1TrueDBGrid1(i, "LastName") = "Doe"     Me.C1TrueDBGrid1(i, "DateOfBirth") = New DateTime(2000, 1, 15) Next i	

```
Dim index As Integer = Me.C1TrueDBGrid1.AddRows(2)
```

```
Dim i As Integer
```

```
For i = index To 1
```

```
    Me.C1TrueDBGrid1(i, "FirstName") = "Joe"
```

```
    Me.C1TrueDBGrid1(i, "LastName") = "Doe"
```

```
    Me.C1TrueDBGrid1(i, "DateOfBirth") = New DateTime(2000, 1, 15)
```

```
Next i
```

To write code in C#

C#

```
this.c1TrueDBGrid1.AddRow("John;Doe;11/29/1985");
this.c1TrueDBGrid1.AddRow("Jane;Doe;7/12/1980");

int index = this.c1TrueDBGrid1.AddRows(2);
for(int i=index; i < 2; i++)
{
    this.c1TrueDBGrid1[i, "FirstName"] = "Joe";
    this.c1TrueDBGrid1[i, "LastName"] = "Doe";
    this.c1TrueDBGrid1[i, "DateOfBirth"] = new DateTime(2000,1, 15);
}
```

You have successfully created an unbound grid.

## Adding New Rows to an Unbound Grid

You can now easily add new rows to an unbound grid by using the **C1TrueDBGrid.NewRow** method which creates a new System.Data.DataRow with the same schema as the unbound grid. In the following steps you'll use the **C1TrueDBGrid.Rows** collection, which gets the DataRowCollection for an unbound grid, and the **C1TrueDBGrid.NewRow** method to insert a new row into the specified index of an unbound grid.

Complete the following steps:

1. Create a new .NET project.
2. Navigate to the Toolbox and add the **C1TrueDBGrid**, **Label**, **NumericUpDown**, and **Button** controls to the form.
3. Set the **Button1.Text** property to "Add New Row" and the **Label1.Text** property to "New Row Index".

4. Arrange the controls on the form similar to the following image:



5. Switch to Code view and add the following imports (or using) statement to the project:

[To write code in Visual Basic](#)

Visual Basic

```
imports C1.Win.C1TrueDBGrid
```

[To write code in C#](#)

C#

```
using C1.Win.C1TrueDBGrid;
```

6. Add the following code to create the **Form\_Load** event and add data to the grid:

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load
```

```

' Add a caption to the grid.
Me.C1TrueDBGrid1.Caption = "Unbound Grid"

' Add columns to the grid.
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("Col 1",
GetType(String)))
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("Col 2",
GetType(String)))
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("Col 3",
GetType(String)))
Me.C1TrueDBGrid1.Columns.Add(New C1.Win.C1TrueDBGrid.C1DataColumn("Col 4",
GetType(String)))

' Call the SetDataBinding method with no arguments.
Me.C1TrueDBGrid1.SetDataBinding()

' Populate the grid.
Dim i As Integer
For i = 0 To 20 - 1
    Dim s As String = String.Format("Data {0};Data {1};Data {2}; Data {3}",
New Object() {i, i, i, i})
    Me.C1TrueDBGrid1.AddRow(s)
Next i
End Sub

```

To write code in C#

C#	
	<pre> private void Form1_Load(object sender, EventArgs e) {     // Add a caption to the grid.     this.c1TrueDBGrid1.Caption = "Unbound Grid"      // Add columns to the grid.     this.c1TrueDBGrid1.Columns.Add(new C1.Win.C1TrueDBGrid.C1DataColumn("Col 1", typeof(string)));     this.c1TrueDBGrid1.Columns.Add(new C1.Win.C1TrueDBGrid.C1DataColumn("Col 2", </pre>

```

        typeof(string)));
        this.c1TrueDBGrid1.Columns.Add(new C1.Win.C1TrueDBGrid.C1DataColumn("Col 3",
        typeof(string)));
        this.c1TrueDBGrid1.Columns.Add(new C1.Win.C1TrueDBGrid.C1DataColumn("Col 4",
        typeof(string)));

        // Call the SetDataBinding method with no arguments.
        this.c1TrueDBGrid1.SetDataBinding();

        // Populate the grid.
        for (int i = 0; i < 20; i++)
        {
            string s = String.Format("Data {0};Data {1};Data {2}; Data {3}", i, i,
i, i);
            this.c1TrueDBGrid1.AddRow(s);
        }
    }
}

```

7. Add the following code to create the **Button\_Click** event and create a new row at the specified index when the button is clicked:

[To write code in Visual Basic](#)

Visual Basic	
--------------	--

```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Dim idx As Integer = CInt(Me.NumericUpDown1.Value)
    ' Create a new row.
    Dim dr As DataRow = Me.C1TrueDBGrid1.NewRow
    dr.Item(0) = "new row"
    ' Add the new row at the selected index.
    Me.C1TrueDBGrid1.Rows.InsertAt(dr, idx)
End Sub

```

[To write code in C#](#)

C#	
----	--

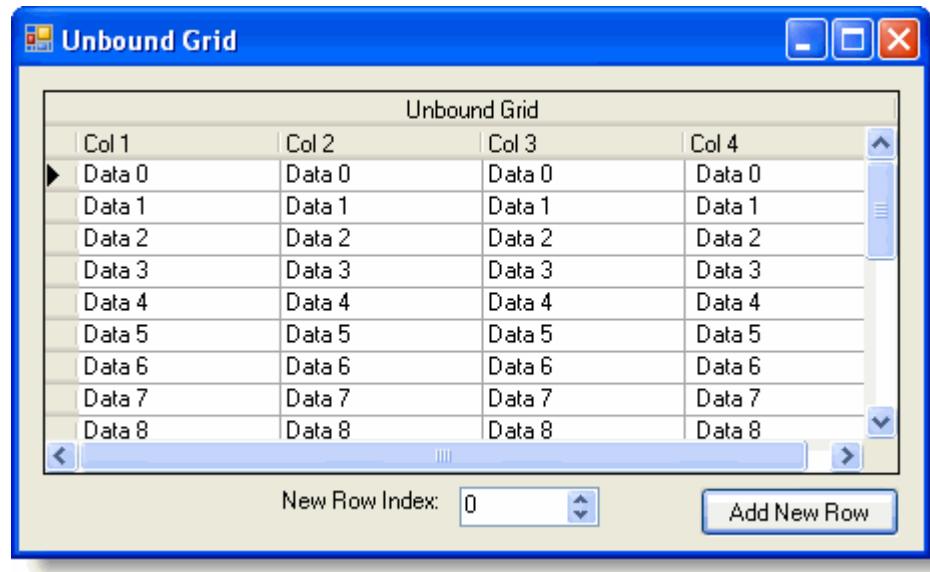
```

private void button1_Click(object sender, EventArgs e)
{
    int idx = (int) this.numericUpDown1.Value;
    // Create a new row.
    DataRow dr = this.c1TrueDBGrid1.NewRow();
    dr[0] = "new row";
    // Add the new row at the selected index.
    this.c1TrueDBGrid1.Rows.InsertAt(dr, idx);
}

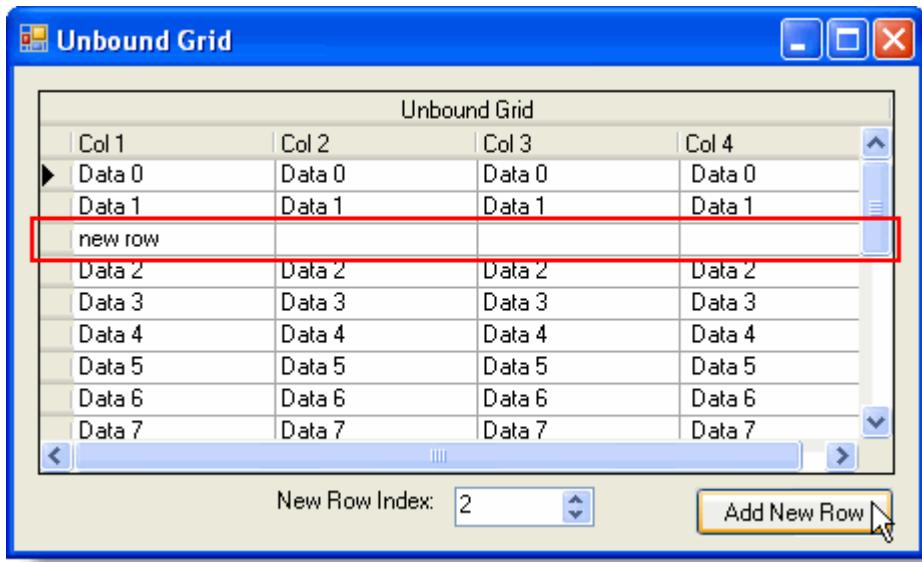
```

## Run the application and observe:

The form will appear similar to the following:



Use the arrows to change the number in the **New Row Index** box and then select the **Add New Row** button. The new row will appear at the index that you chose:



## Customizing the Grid's Appearance

The following topics explain how to configure the non-interactive elements of **ComponentOne True DBGrid for WinForms**' display, such as visual styles, captions, headers, footers, record selectors, and dividing lines.

## See Also

[Visual Styles](#)

[Captions, Headers, and Footers](#)

[Three-Dimensional vs. Flat Display](#)

[Borders and Dividing Lines](#)

[Unpopulated Regions](#)

[Highlighting the Current Row or Cell](#)

[Row Height and Word Wrap](#)

[Alternating Row Colors](#)

[Horizontal and Vertical Alignment](#)

## Visual Styles

**ComponentOne True DBGrid for WinForms** supports Visual Styles that mimic the styles available in Office 2007 and 2010. Customizing Visual Styles simple, you can set the grid's [VisualStyle](#) Property from the **C1TrueDBGrid Tasks** menu (see [C1TrueDBGrid Tasks Menu](#) for more

information), the Properties window, or in code. By default the grid's `VisualStyle` is set to `VisualStyle.Custom`, a standard appearance that does not use Visual Styles and renders the control using only the set styles and properties. The following Visual Styles are available in **C1TrueDBGrid**:

- **Custom VisualStyle**

The Custom Visual Style renders the control using only the set styles and properties. This is the default setting. When `VisualStyle` is set to `VisualStyle.Custom`, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **System VisualStyle**

The System Visual Style renders the control with an appearance based on the current system settings. When `VisualStyle` is set to `VisualStyle.System`, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2007Black VisualStyle**

The Office2007Black Visual Style renders the control with an appearance based on the Office 2007 Black color scheme. When `VisualStyle` is set to `VisualStyle.Office2007Black`, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2007Blue VisualStyle**

The Office2007Blue Visual Style renders the control with an appearance based on the Office 2007 Blue color scheme. When VisualStyle is set to VisualStyle.Office2007Blue, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2007Silver VisualStyle**

The Office2007Silver Visual Style renders the control with an appearance based on the Office 2007 Silver color scheme. When VisualStyle is set to VisualStyle.Office2007Silver, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2010BlackVisualStyle**

The Office2010Black Visual Style renders the control with an appearance based on the Office 2010 Black color scheme. When VisualStyle is set to VisualStyle.Office2010Black, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2010BlueVisualStyle**

The Office2010Blue Visual Style renders the control with an appearance based on the Office 2010 Blue color scheme. When VisualStyle is set to VisualStyle.Office2010Blue, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

- **Office2010SilverVisualStyle**

The Office2010Silver Visual Style renders the control with an appearance based on the Office 2010 Silver color scheme. When VisualStyle is set to VisualStyle.Office2010Silver, the grid appears similar to the following:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

## Captions, Headers, and Footers

Affix a title to a grid, column, or split by setting the **Caption** property of the appropriate object. For example, the following code sets captions on a grid, column, and split:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Caption = "Grid Caption"
Me.C1TrueDBGrid1.Columns(0).Caption = "Column 0 Caption"
Me.C1TrueDBGrid1.Splits(0).Caption = "Split 0 Caption"
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Caption = "Grid Caption";
this.c1TrueDBGrid1.Columns[0].Caption = "Column 0 Caption";
this.c1TrueDBGrid1.Splits[0].Caption = "Split 0 Caption";
```

## See Also

[Column and Grid Captions](#)

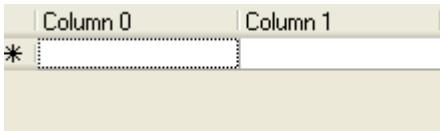
[Column Footers](#)

[Multiple-Line Headers and Footers](#)

[Split Captions](#)

## Column and Grid Captions

For [C1 DataColumn](#) objects, the [Caption](#) property specifies the text that appears in each column's header area.



If using **True DBGrid for WinForms** controls bound to a [DataSet](#), the column captions are set automatically at run time.

Column captions can also be set in the designer using the [C1TrueDBGrid Designer](#), or in code by manipulating the [C1DataColumnCollection](#).

The **Caption** property also applies to the [C1TrueDBGrid](#) control itself, which provides a descriptive header for the entire grid.



By default, **C1TrueDBGrid** displays headings for each column; even the **Caption** property of an individual column is never set explicitly. However, all column headings can be hidden by setting the [ColumnHeaders](#) property to **False**.



## Column Footers

Just as the [ColumnHeaders](#) property controls the display of column captions, the [ColumnFooters](#) property controls the display of the column footer row. Column footers, which are similar in appearance to column headers, are always displayed at the bottom of the grid, even if it is under populated.



For each **C1 DataColumn** object, the **FooterText** property determines the text that is displayed within the footer row. Set the footer text in the designer using the **C1TrueDBGrid Designer**, or in code by manipulating the **C1 DataColumnCollection** collection, as in the following example:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Columns(0).FooterText = "Footer 0"  
Me.C1TrueDBGrid1.Columns(1).FooterText = "Footer 1"
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Columns[0].FooterText = "Footer 0";  
this.c1TrueDBGrid1.Columns[1].FooterText = "Footer 1";
```

Unlike the **Caption** property, the **FooterText** property is not set automatically from a bound data source, so you will have to set it yourself.

### Multiple-Line Headers and Footers

The split specific property **ColumnCaptionHeight** property controls the height of the column headers. By default, it is based upon the font setting of the **HeadingStyle**. To display more than one line of text in a column header, increase the **ColumnCaptionHeight** property to accommodate additional lines, as in the following example:

To write code in Visual Basic

Visual Basic

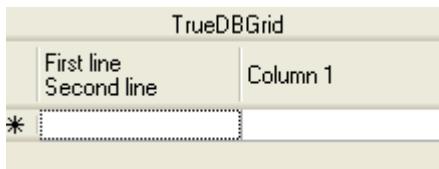
```
With Me.C1TrueDBGrid1  
    .Splits(0).ColumnCaptionHeight = .Splits(0).ColumnCaptionHeight * 2  
    .Columns(0).Caption = "First line" + vbCrLf + "Second line"  
End With
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Splits[0].ColumnCaptionHeight =  
this.c1TrueDBGrid1.Splits[0].ColumnCaptionHeight * 2;  
this.c1TrueDBGrid1.Columns[0].Caption = "First line\nSecond line";
```

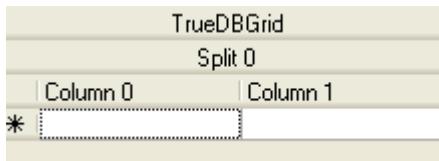
Note the use of the "\n" to specify a line break within the caption text. After this code executes, the first column's caption will contain two lines of text, and the second column's caption will be centered vertically.



Similarly, set the [ColumnFooterHeight](#) property to control the height of column footers, and use the constant to specify a line break when setting the [FooterText](#) property of a column.

### Split Captions

[Split](#) objects can also have their own captions. For a grid with one split, a split caption can serve as a second grid caption.



However, split captions are best used in grids with at least two splits, as they are ideal for categorizing groups of columns for end users.

Composers		Vital Statistics		
First	Last	Country	Birth	Death
Isaac	Albeniz	Spain	5/29/1860	5/18/1909
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van	Beethoven	Germany	12/16/1770	3/26/1827
Alban	Berg	Austria	2/9/1885	12/24/1935
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	3/8/1869
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	6/3/1875
Ernest	Bloch	Switzerland	7/24/1880	7/15/1959
Alexander	Borodin	Russia	11/12/1833	2/27/1887
Johannes	Brahms	Germany	5/7/1833	4/3/1897
Benjamin	Britten	England	11/22/1913	12/4/1976

## Three-Dimensional vs. Flat Display

**True DBGrid for WinForms** supports a standard, "flat" control appearance, the more attractive three-dimensional appearance used by many controls, and a third that combines the flat appearance with the 3D. By default, the grid's **FlatStyle** property is set to **FlatModeEnum.Standard** so that the 3-D look is used. However, this property only controls whether 3D effects are used to draw the grid's border, caption bars, column headings and footings, and the record selector column. It does not affect the grid's data cells or row and column dividers. The following settings are available:

- When **FlatStyle** is set to **FlatModeEnum.Standard**, the grid looks like this:

Composers			
First	Last	Country	
Isaac	Albeniz	Spain	
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	
Bela	Bartok	Hungary	
Ludwig van	Beethoven	Germany	
...			

- When **FlatStyle** is set to **FlatModeEnum.PopUp**, the grid looks like this:

Composers			
First	Last	Country	
Isaac	Albeniz	Spain	
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	
Bela	Bartok	Hungary	
Ludwig van	Beethoven	Germany	
...			

Note that the initial grid has the same in appearance as **FlatModeEnum.Flat**. As the mouse moves over any control element, the appearance of that element takes on a 3D look.

- When **FlatStyle** is set to **FlatModeEnum.Flat**, the grid looks like this:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
...	...	...

To achieve a 3D appearance for the entire grid, including its interior, set the following properties either in the designer or in code:

- In the Properties window, set the **RowDivider** style property to **Raised**. Or, in code:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.RowDivider.Style = C1.Win.C1TrueDBGrid.LineStyleEnum.Raised
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.RowDivider.Style = C1.Win.C1TrueDBGrid.LineStyleEnum.Raised;
```

- In the Splits Collection editor, set the **Style** property to **LineStyleEnum.Raised** for **all ColumnDivider** style objects for each split. Or, in code:

[To write code in Visual Basic](#)

Visual Basic

```
Dim C As C1.Win.C1TrueDBGrid.C1DisplayColumn
For Each C In Me.C1TrueDBGrid1.Splits(0).DisplayColumns
    C.ColumnDivider.Style = C1.Win.C1TrueDBGrid.LineStyleEnum.Inset
Next
```

[To write code in C#](#)

C#

```
C1.Win.C1trueDBGrid.C1DisplayColumn C ;  
for each(C in this.C1trueDBGrid1.Splits[0].DisplayColumns)  
{  
    C.ColumnDivider.Style = C1.Win.C1TrueDBGrid.LineStyleEnum.Raised;  
}
```

3. In the Properties window, set the **BackColor** property of the Normal style to **Lavender**. Or, in code:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Styles("Normal").BackColor = System.Drawing.Color.Lavender
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Styles["Normal"].BackColor = System.Drawing.Color.Lavender;
```

The resulting grid will look something like this:

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany

Note that changing the **Style** property of the RowDivider object to **Raised** consumes an extra vertical pixel in each data row, resulting in fewer visible rows.

Try experimenting with other color combinations and divider styles to achieve different 3D effects, as explained in the [Borders and Dividing Lines](#) section.

## Borders and Dividing Lines

The [RowDivider](#) and [ColumnDivider](#) properties enable different horizontal and vertical lines to be selected and also enable the color of the lines to be set. The properties return an underlying [GridLines](#) object that has two properties. These two properties, [Style](#) and [Color](#) define how the grid's cell borders will look. The allowable values for the [Style](#) property are as follows:

- [LineStyleEnum.Double](#)
- [LineStyleEnum.Inset](#)
- [LineStyleEnum.Raised](#)
- [LineStyleEnum.None](#)
- [LineStyleEnum.Single](#)

For example, setting the style property of RowDivider to [LineStyleEnum.None](#) eliminates the dividing lines between rows and enables you to cram a bit more data into the available area.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Rora	Austria

For ColumnDivider properties, you can set the [Style](#) property to [LineStyleEnum.None](#), and the [HeaderDivider](#) property to [False](#). This enables you to visually group related columns, as shown in the following figure.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
...	-	-

## Unpopulated Regions

Depending upon the number of rows and columns in the data source, a portion of the grid's interior may not contain data cells. However, these "dead zones" can be eliminated using the [ExtendRightColumn](#) and [EmptyRows](#) properties. Change the color of the dead areas by using the [BackColor](#) property.

## See Also

## The Rightmost Column

### Unused Data Rows

#### The Rightmost Column

As the grid scrolls horizontally until the last column is totally visible, there is usually a blank area between the last column and the right border of the grid.

Composers	
First	Last
Isaac	Albeniz
Johann Sebastian	Bach
Samuel	Barber
Bela	Bartok
Ludwig van	Beethoven
Alban	Berg
Luciano	Berio
Hector	Berlioz
Leonard	Bernstein

The color of this blank area depends on the setting of your system's 3D Objects color (or Button Face color). Eliminate this blank area with the [ExtendRightColumn](#) property. The default value of this property is **False**, but if set it **True**, the last column will extend its width to the right edge of the grid.

Composers	
First	Last
Isaac	Albeniz
Johann Sebastian	Bach
Samuel	Barber
Bela	Bartok
Ludwig van	Beethoven
Alban	Berg
Luciano	Berio
Hector	Berlioz
Leonard	Bernstein

### Unused Data Rows

If the data source contains fewer rows than the grid can display, the area below the AddNew row (or the last data row, if [AllowAddNew](#) is **False**) is left blank.

American Composers	
First	Last
► Samuel	Barber
Leonard	Bernstein
Aaron	Copland
George	Gershwin
Charles	Ives
Virgil	Thomson
*	

The color of this blank area depends on the setting of your system's 3D Objects color (or Button Face color). Eliminate this blank area with the [EmptyRows](#) property. The default value of this property is **False**, but if set to **True**, the grid will display empty rows below the last usable data row.

American Composers	
First	Last
► Samuel	Barber
Leonard	Bernstein
Aaron	Copland
George	Gershwin
Charles	Ives
Virgil	Thomson
*	

Note that the empty rows cannot receive focus.

Both the **EmptyRows** and [ExtendRightColumn](#) properties can be set to **True** to ensure that no blank areas appear within the interior of the grid.

American Composers	
First	Last
▶ Samuel	Barber
Leonard	Bernstein
Aaron	Copland
George	Gershwin
Charles	Ives
Virgil	Thomson
*	

## Highlighting the Current Row or Cell

The term *marquee* refers to the highlighted area that represents the current grid cell or row. The [MarqueeStyle](#) property can be set to several possible presentations, all enumerations of the [MarqueeEnum](#) object, illustrated as follows.

- **MarqueeEnum.DottedCellBorder**

The current cell is highlighted by a dotted border.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
▶ Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.SolidCellBorder**

This is a more distinctive form of cell highlighting, often useful when a different background color is used (since the dotted rectangle is often difficult to spot).

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
► Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.HighlightCell**

This style inverts the current cell completely, making it very visible. Values of the [BackColor](#) and [ForeColor](#) properties of the Edit Style should be chosen carefully to make a pleasing effect if the grid is editable.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
► Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.HighlightRow**

The entire row will be highlighted, but it will not be possible to tell which cell is the current cell in the row. To change highlight colors, edit the built-in [HighlightRow](#) style. See [Highlighting the Row of the Selected Cell](#) for more information. This style is most useful when the grid is not editable and users would view the data one record at a time.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
► Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeStyleEnum.DottedRowBorder**

This setting highlights the entire row with a dotted rectangle. Use this setting instead of **HighlightRow** if a more subdued highlight is preferred.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
▶ Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.HighlightRowRaiseCell**

This value should only be used if 3D lines are used in the grid, since cell highlighting is accomplished using a "raised" appearance for the current cell.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
▶ Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.NoMarquee**

This setting will make the marquee disappear completely. Often this setting is useful for cases where the current row is irrelevant, or where you do not want to draw the user's attention to the grid until necessary.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
▶ Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

- **MarqueeEnum.FloatingEditor**

This is the default marquee style of the grid. The cell text (the actual text only, **not** the entire cell) is highlighted and there is a blinking text cursor (caret) at the end of the text.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
► Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

The color of the highlight is your system's highlight color. The floating editor style simulates the look and feel of the Microsoft Access datasheet. The blinking text cursor indicates that the cell is *edit-ready*, hence the name floating editor for this marquee style. Since no other marquee style places the cell in a similar edit-ready mode, the behavior of the grid with the floating editor is sometimes different from the other marquee styles. The following list summarizes the differences when the [MarqueeStyle](#) property is set to [MarqueeEnum.FloatingEditor](#):

1. The following properties are ignored by the floating editor: [EditDropDown](#) and [EditorStyle](#).
2. When using the [AddCellStyle](#) and [AddRegexCellStyle](#) methods with the floating editor, the grid ignores the current cell bit ([CellStyleFlag.CurrentCell](#)) and highlighted row bit ([CellStyleFlag.MarqueeRow](#)) of the *Condition* parameter. For more details, see [Applying Styles to Cells](#).
3. The floating editor will not be displayed in a cell with radio buttons or a picture, as described in [Automatic Data Translation with ValueItems](#). A dotted cell marquee will be used instead. The floating editor highlight will return when the current cell is changed to one with normal text display.
4. The [CycleOnClick](#) property (applies to [ValueItemCollection](#)) has no effect when the [MarqueeStyle](#) property is set to [MarqueeEnum.FloatingEditor](#).
5. The **DoubleClick** event of the [C1TrueDBGrid](#) control does not fire when the user double-clicks a non-current cell within the grid. This is because the first click is used by the floating editor to begin editing, placing the cell into edit mode at the character on which the click occurred. Double-clicking the current cell of the grid fires the **DoubleClick** event normally, however.

## Row Height and Word Wrap

The following topics describe how to adjust the height of all rows in the grid using the [RowHeight](#) property and enabling word wrapping in cells using the [WrapText](#) property.

## See Also

[Adjusting the Height of All Grid Rows](#)

[Enabling Wordwrap in Cells](#)

## Adjusting the Height of All Grid Rows

Configure the row height interactively at design time by placing the grid in its visual editing mode or by changing the grid's [RowHeight](#) property in the Properties window. At run time, the user can adjust the row height interactively if [AllowRowSizing](#) is set to **RowSizingEnum.AllRows** or **RowSizingEnum.IndividualRows**. For more information, see [Run-Time Interaction](#).

The [RowHeight](#) property is expressed as pixels. However, a setting of 0 causes the grid to readjust its display so that each row occupies a single line of text in the current font. Therefore, use the following code to adjust the row height to display exactly three lines of text:

### To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.RowHeight = 0  
Me.C1TrueDBGrid1.RowHeight = 3 * Me.C1TrueDBGrid1.RowHeight
```

### To write code in C#

C#

```
this.c1TrueDBGrid1.RowHeight = 0;  
this.c1TrueDBGrid1.RowHeight = 3 * this.c1TrueDBGrid1.RowHeight;
```

This technique is particularly effective when displaying multiple-line memo fields, as in this example.

Element	Description
Actinium	A radioactive chemical element found with uranium and radium in pitchblende and other minerals and formed in reactors by the neutron irradiation of radium.
Aluminum	A silvery, lightweight, easily worked metal that resists corrosion and is found abundantly, but only in combination.
Americium	One of the transuranic elements produced by the beta decay of an isotope of plutonium.
Antimony	A silvery-white, brittle, metallic chemical element of crystalline structure, found only in combination. It is used in alloys with other metals to harden them and increase

Note that the Description column's Style object must have its [WrapText](#) property set to **True**; otherwise, the memo field display will be truncated after the first line.

## Enabling Wordwrap in Cells

By default, a grid cell displays a single line of text, truncated at the cell's right boundary. Display multiple lines of text in a cell by increasing the grid's [RowHeight](#) property and setting the [WrapText](#) property of the desired column's [Style](#) object to **True**. If [WrapText](#) is **True** (the default is **False**), a line break occurs before words that would otherwise be partially displayed in a cell. The cell contents will continue to display on the next line, assuming that the grid's row height accommodates multiple lines.

Use the following loop to enable wordwrap for all grid columns:

### To write code in Visual Basic

Visual Basic

```
Dim C As C1.Win.C1TrueDBGrid.C1DisplayColumn  
For Each C In Me.C1TrueDBGrid1.Splits(0).DisplayColumns  
    C.Style.WrapText = True  
Next
```

### To write code in C#

C#

```
C1.Win.C1trueDBGrid.C1DisplayColumn C ;  
for each(C in this.C1trueDBGrid1.Splits[0].DisplayColumns)  
{  
    C.Style.WrapText = true ;  
}
```

## Alternating Row Colors

The readability of the display can often be improved by alternating the background colors of adjacent rows. When the [AlternatingRows](#) property is set to **True**, the grid displays odd-numbered rows (the first displayed row is 1) using the built-in style **OddRow**, and even-numbered rows using the built-in style **EvenRow**.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

## Horizontal and Vertical Alignment

Use the [HorizontalAlignment](#) property of the column's [Style](#) object to control the horizontal placement of cell text within a column. The allowable values for this property are as follows:

- [AlignHorzEnum.General](#)
- [AlignHorzEnum.Near](#)
- [AlignHorzEnum.Center](#)
- [AlignHorzEnum.Far](#)
- [AlignHorzEnum.Justify](#)

The setting [AlignHorzEnum.General](#), which is the default for data cells, indicates that the alignment should be based upon the underlying data type. For example, strings are left-aligned, while numbers are right-aligned.

Use the [VerticalAlignment](#) member of the [Style](#) object to control the vertical placement of text within the cells of a grid, split, or column. The allowable values for this property are as follows:

- [AlignVertEnum.Top](#)
- [AlignVertEnum.Center](#)
- [AlignVertEnum.Bottom](#)

For data cells, the default value is [AlignVertEnum.Top](#). For static grid elements such as caption bars, column headers, and column footers, the default value is [AlignVertEnum.Center](#). See the [Named Style Defaults](#) topic to learn how the default values are derived.

The following grid depicts all possible combinations of the [HorizontalAlignment](#) and [VerticalAlignment](#) properties.

	AlignHorzEnum.Near	AlignHorzEnum.Center	AlignHorzEnum.Far
AlignVertEnum.Top	Cell Text	Cell Text	Cell Text

	AlignHorzEnum.Near	AlignHorzEnum.Center	AlignHorzEnum.Far
AlignVertEnum.Center	Cell Text	Cell Text	Cell Text
AlignVertEnum.Bottom	Cell Text	Cell Text	Cell Text

The [AlignHorzEnum.General](#) and [AlignHorzEnum.Justify](#) settings have been omitted because the [AlignHorzEnum.General](#) setting aligns text as [AlignHorzEnum.Near](#) and numeric values as [AlignHorzEnum.Far](#). The [AlignHorzEnum.Justify](#) setting aligns text with respect to the cells boundaries, but in this case appears exactly like the [AlignHorzEnum.Near](#) setting.

The [HorizontalAlignment](#) and [VerticalAlignment](#) properties are tightly integrated with the concept of styles. For more information, see [How to Use Styles](#).

## Data Presentation Techniques

This chapter explains how to display cell data in a variety of textual and graphical formats. To learn how to customize the behavior of cell editing in **ComponentOne True DBGrid for WinForms**, see [Cell Editing Techniques](#).

## See Also

[Text Formatting](#)

[Automatic Data Translation with ValueItems](#)

[Context-Sensitive Help with CellTips](#)

[Scroll Tracking and ScrollTips](#)

[Data-Sensitive Cell Merging](#)

[Column Grouping](#)

[Data Display](#)

[Owner-Drawn Cells](#)

[Owner-Drawn Cells](#)

[Filtering Data in DataSets](#)

## Text Formatting

In many cases, the raw numeric data that **True DBGrid for WinForms** receives from its data source is not suitable for end-user display. For example, date fields may need to be converted to a specific international format; currency fields may contain too many insignificant digits after the decimal point. Therefore, **True DBGrid for WinForms** provides a method with which you can alter the format of numerical fields, the [NumberFormat](#) property.

In addition, for situations where universal formatting of the database information is inadequate, **True DBGrid for WinForms** provides an event, [FormatText](#), that enables your application to override the default formatting on a per-column basis. By writing a simple handler for this event, you can customize the display of your column data in a myriad of ways.

## See Also

[Numeric Field Formatting](#)

[Input Validation with Built-In Formatting](#)

[Formatting with an Input Mask](#)

[Formatting with a Custom Event Handler](#)

### Numeric Field Formatting

**True DBGrid for WinForms** supports a variety of data formatting options through the [C1 DataColumn](#) object's [NumberFormat](#) property. The [NumberFormat](#) property reconfigures the data format that is handed to the grid from the database. It can alter most types of numeric values for a particular column.

For example, to display all date values within a column according to the form *26-Apr-01*, use the predefined *Medium Date* setting:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Columns("HireDate").NumberFormat = "Medium Date"
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Columns["HireDate"].NumberFormat = "Medium Date";
```

Note that if the [NumberFormat](#) property of a column is changed at run time, the display does not need to refresh since **True DBGrid** handles this automatically.

## See Also

[Predefined Numeric Options](#)

[Custom Number Formatting](#)

### *Predefined Numeric Options*

The [NumberFormat](#) property has several possible predefined options for numeric and time and date values.

For numeric data, the following predefined options are available in the [NumberFormat](#) property:

Option	Description
<i>Standard</i>	Display number with thousands separator, at least one digit to the left and two digits to the right of the decimal separator.
<i>General Number</i>	Display number as is, with no thousand separators.
<i>Currency</i>	Display number with thousands separator, if appropriate; display two digits to the right of the decimal separator. Note that output is based on system locale settings.
<i>Percent</i>	Display number multiplied by 100 with a percent sign (%) appended to the right; always display two digits to the right of the decimal separator.
<i>Fixed</i>	Display at least one digit to the left and two digits to the right of the decimal separator.
<i>Scientific</i>	Use standard scientific notation.
<i>Yes/No</i>	Display No if number is 0; otherwise, display Yes.

Option	Description
<i>True/False</i>	Display False if number is 0; otherwise, display True.
<i>On/Off</i>	Display Off if number is 0; otherwise, display On.
<i>0%</i>	Display number multiplied by 100, rounded to the nearest integer, with a percent sign (%) appended to the right.
<i>0.00%</i>	Same as <i>Percent</i> .

For date and time data, the following predefined options are available in the [NumberFormat](#) property:

Option	Description
<i>General Date</i>	Display a date and/or time. For real numbers, display a date and time (for example, 4/3/93 05:34 PM); if there is no fractional part, display only a date (for example, 4/3/93); if there is no integer part, display only a time (for example, 05:34 PM). Date display is determined by your system settings.
<i>Long Date</i>	Display a date using your system's long date format.
<i>Medium Date</i>	Display a date using the medium date format appropriate for the language version of Visual Basic.
<i>Short Date</i>	Display a date using your system's short date format.
<i>Long Time</i>	Display a time using your system's long time format: includes hours, minutes, and seconds.
<i>Medium Time</i>	Display a time in 12-hour format using hours and minutes and the AM/PM designator.

Option	Description
<i>Short Time</i>	Display a time using the 24-hour format (for example, 17:45).

### ***Custom Number Formatting***

You can customize the display of numeric information by setting the [NumberFormat](#) property to a custom value rather than to a predefined option.

For example to set a numeric column to specifically display with three decimal points, set the [NumberFormat](#) property using the following code:

[To write code in Visual Basic](#)

Visual Basic	
	<code>Me.C1TrueDBGrid1.Columns("Value").NumberFormat = "0.000"</code>

[To write code in C#](#)

C#	
	<code>this.c1TrueDBGrid1.Columns["Value"].NumberFormat = "0.000";</code>

To set a date column to specifically display in the mm/dd/yyyy format, set the [NumberFormat](#) property using the following code:

[To write code in Visual Basic](#)

Visual Basic	
	<code>Me.C1TrueDBGrid1.Columns("BirthDate").NumberFormat = "MM/dd/yyyy"</code>

[To write code in C#](#)

C#	

```
this.c1TrueDBGrid1.Columns["BirthDate"].NumberFormat = "MM/dd/yyyy";
```

## Input Validation with Built-In Formatting

It is important to note that the [NumberFormat](#) property affects only the *display* of data in the grid. Unless you also specify a value for the [EditMask](#) property, **True DBGrid for WinForms** does not enforce an input template, and the user is free to type anything into the formatted cell. When moving to another cell, the grid will reasonably interpret the user's input value and redisplay the data according to the [NumberFormat](#) setting.

For example, if *Medium Date* formatting is in effect for a column, a date of *Saturday, April 25, 1998, 12:00:00 AM* will be displayed as *25-Apr-98* with the day of the week and time ignored. If a user enters *July* and moves to another row, the grid cannot reasonably interpret the input date value and a trappable error will occur. If the user enters *oct 5* or *10/5*, the grid will interpret the entered date as *October 5, 2009* (that is, the current year is assumed). If the database update is successful, the entered date will be redisplayed as *05-Oct-09*, since *Medium Date* formatting is in effect.

## Formatting with an Input Mask

Since it is common for the input and display formats to be the same, the [NumberFormat](#) property has an **Edit Mask** option (note the space between words). If this option is selected, then the [EditMask](#) property setting will be used for both data input and display. However, the input and display formats need not be the same, so you are free to select a [NumberFormat](#) option that differs from the [EditMask](#) property.

For example, the following code applies a phone number template to a column for both display and editing:

### To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Columns("Phone").EditMask = "(###) ###-####"  
Me.C1TrueDBGrid1.Columns("Phone").NumberFormat = "Edit Mask"
```

### To write code in C#

C#

```
this.c1TrueDBGrid1.Columns["Phone"].EditMask = "(###) ###-####";  
this.c1TrueDBGrid1.Columns["Phone"].NumberFormat = "Edit Mask";
```

For more information on how to specify a data input mask, see [Input Masking](#).

### Formatting with a Custom Event Handler

On occasion, you may find that your current formatting options do not suit your particular needs. Furthermore, you may be restricted in the type of formatting that you can use or need a custom formatting option. In these cases, the **FormatText Event** option can be specified for the **NumberFormat** property. Choosing this option for a column will cause the **FormatText** event to fire each time data is about to be displayed in that column. The event allows you to reformat, translate, indent, or do anything you want to the data just prior to display:

To write code in Visual Basic

Visual Basic

```
Private Sub C1TrueDBGrid1_FormatText(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FormatTextArgs) Handles C1TrueDBGrid1.FormatText  
  
End Sub
```

To write code in C#

C#

```
private void C1TrueDBGrid1_FormatText(object sender,  
C1.Win.C1TrueDBGrid.FormatTextArgs e)  
{  
  
}
```

A member of the **FormatTextEventArgs** object, **ColIndex** is the column number of the grid to be reformatted. While the **Value** member contains the current value of the data and also serves as a placeholder for the formatted display value. For example, suppose the first column contains numeric values from 1 to 30, and you wish to display the data as Roman numerals:

To write code in Visual Basic

Visual Basic

```
Private Sub C1TrueDBGrid1_FormatText(ByVal sender As Object, ByVal e As
```

```

C1.Win.C1TrueDBGrid.FormatTextEventArgs) Handles C1TrueDBGrid1.FormatText

    Dim result As String

    If e.ColumnIndex = 0 Then

        ' Determine how many X's.
        While e.Value >= 10
            result = result & "X"
            e.Value = e.Value - 10
        End While

        ' Append "digits" 1-9.
        Select Case e.Value
            Case 1
                result = result & "I"
            Case 2
                result = result & "II"
            Case 3
                result = result & "III"
            Case 4
                result = result & "IV"
            Case 5
                result = result & "V"
            Case 6
                result = result & "VI"
            Case 7
                result = result & "VII"
            Case 8
                result = result & "VIII"
            Case 9
                result = result & "IX"
        End Select

        ' Change the actual format.
        e.Value = result
    End If
End Sub

```

To write code in C#

C#

```
private void C1TrueDBGrid1_FormatText(object sender,
C1.Win.C1TrueDBGrid.FormatTextEventArgs e)

    string result;

    if ( e.ColIndex = 0 )
    {
        // Determine how many X's.
        while ( e.Value >= 10 )
        {
            result = result + "X";
            e.Value = e.Value - 10;
        }

        // Append "digits" 1-9.
        switch (e.Value)
        {
            case 1;
                result = result + "I";
            case 2;
                result = result + "II";
            case 3;
                result = result + "III";
            case 4;
                result = result + "IV";
            case 5;
                result = result + "V";
            case 6;
                result = result + "VI";
            case 7;
                result = result + "VII";
            case 8;
                result = result + "VIII";
            case 9;
```

```

        result = result + "IX";
    }

    // Change the actual format.
    e.Value = result;
}
}

```

Since the [FormatText](#) event has fewer restrictions than other formatting techniques, you can always use it to gain full control over the textual content of any value displayed in the grid.

## Automatic Data Translation with ValueItems

Although the [FormatText](#) event can be used to map data values into more descriptive display values, **True DBGrid for WinForms** also provides a mechanism for performing such data translations automatically without code. Through the use of the [ValueItem](#) object, alternate text or even pictures can be specified to be displayed in place of the underlying data values.

This feature is ideally suited for displaying numeric codes or cryptic abbreviations in a form that makes sense to end-users. For example, country codes can be rendered as proper names or even as pictures of their respective flags. Or, the numbers 0, 1, and 2 may be displayed as Yes, No, and Maybe. Either the actual values (0, 1, 2) or the translated values (Yes, No, Maybe) may be displayed as radio buttons in a cell or in a drop-down combo box.

## See Also

[What are ValueItems?](#)

[Specifying Text-to-Text Translations](#)

[Specifying Text-to-Picture Translations](#)

[Displaying Both Text and Pictures in a Cell](#)

[Displaying Boolean Values as Check Boxes](#)

[Displaying Allowable Values as Radio Buttons](#)

### What are ValueItems?

The [ValueItems](#) object contains a collection and properties that define the association between an underlying data value and its visual representation within the grid. The [ValueItems](#) object contains a [ValueItemCollection](#) of zero or more [ValueItem](#) objects. Each [ValueItem](#) supports two main properties: [Value](#), the underlying data value, and [DisplayValue](#), its visual representation. Both properties are of type Object. Additionally, each [C1DataColumn](#) object contains [ValueItems](#) object.

In code, manipulate the collection of [ValueItem](#) pairs as you would any other **True DBGrid for WinForms** or Visual Studio collection. [ValueItems](#) can be added, removed, or manipulated through the [ValueItemCollection](#) object.

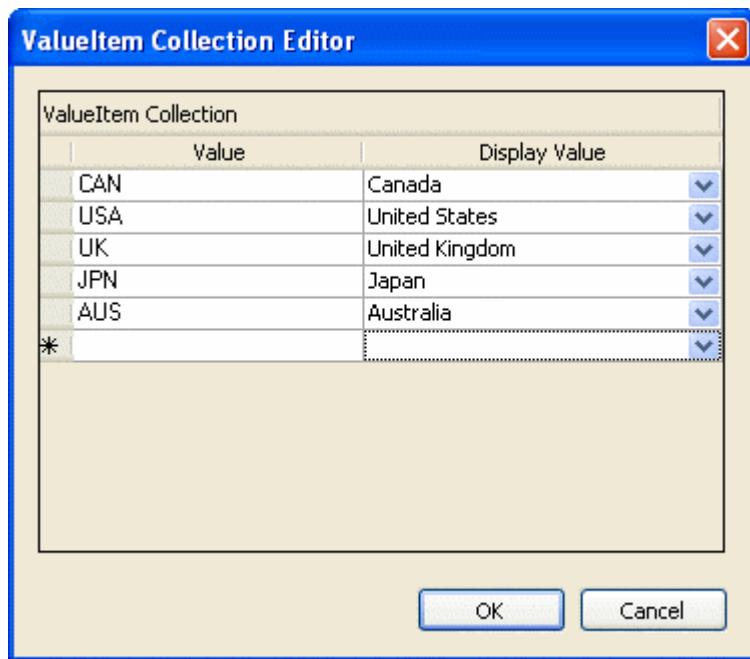
At design time a **ValueItem Collection Editor** is available through the **C1TrueDBGrid Designer**. For more information see [Using the ValueItemCollection Editor](#).

### Specifying Text-to-Text Translations

Consider the following example, in which the *Country* field is represented by a short character code.

Company	Country
Maple Leaf Systems	CAN
Her Majesty's Software	UK
Software Mart	USA
Far East Distributors	JPN
Outback Software, Inc.	AUS
Northwest Purchasing Agents, Inc.	USA

To display the character codes as proper names, use the column's [ValueItemCollection](#) object to specify automatic data translations. At design time, this is done with .NET's [ValueItemCollection](#) editor.



Altering the [ValueItemCollection](#) object through the collection editor enables you to specify data translations on a per-column basis in a simple window. To construct a list of data translations for an individual column, complete the following steps:

1. Open up the **C1TrueDBGrid Designer** by clicking on the **ellipsis** button (...) next to the **Columns collection** in the Properties window.
2. Select the column whose contents you would like translated. In the left pane expand the **ValueItems** node. Clicking on the **ellipsis** button next to the **Values** node will bring up the **ValueItemCollection** editor.
3. In the right pane under the **ValueItems** node, set the **Translate** property to **True**.
4. Clicking on the **Add** button in the left pane will add **ValueItem** objects. In the right pane specify a **Value** and **DisplayValue** for each **ValueItem**. When entering the **ValueItem** text, disregard the **drop-down** button. This is used for entering a bitmap as a **DisplayValue**.
5. Select **OK** or **Apply** to commit the changes.

When the program is run, *Country* field values that match any items in the **Value** column appear as the corresponding **DisplayValue** entry. For example, *CAN* becomes *Canada*, *UK* becomes *UnitedKingdom*, and so on.

Company	Country
Maple Leaf Systems	Canada
Her Majesty's Software	United Kingdom
Software Mart	United States
Far East Distributors	Japan
Outback Software, Inc.	Australia
Northwest Purchasing Agents, Inc.	United States

Note that the underlying database is not affected; only the presentation of the data value is different. The same effect can be achieved in code as follows:

#### To write code in Visual Basic

Visual Basic	
<pre>Dim v as C1.Win.C1TrueDBGrid.ValueItemCollection v = Me.C1TrueDBGrid1.Columns("Country").ValueItems.Values  v.Add(new C1.Win.C1TrueDBGrid.ValueItem("CAN","Canada")) v.Add(new C1.Win.C1TrueDBGrid.ValueItem("UK","United Kingdom")) v.Add(new C1.Win.C1TrueDBGrid.ValueItem("USA","United States")) v.Add(new C1.Win.C1TrueDBGrid.ValueItem("JPN","Japan")) v.Add(new C1.Win.C1TrueDBGrid.ValueItem("AUS","Australia"))  Me.C1TrueDBGrid1.Columns("Country").ValueItems.Translate = True</pre>	

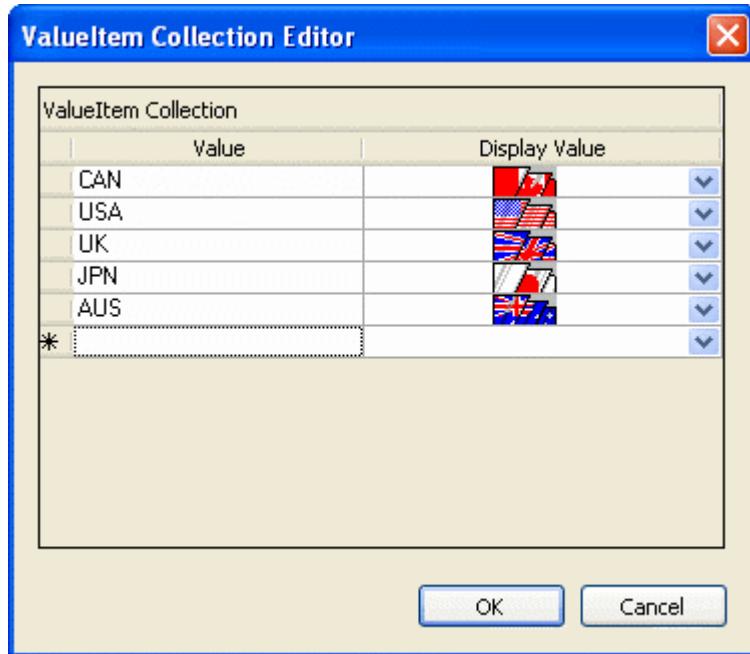
#### To write code in C#

C#

```
C1.Win.C1TrueDBGrid.ValueItemCollection v =  
this.c1TrueDBGrid1.Columns["Country"].ValueItems.Values;  
  
v.Add(new C1.Win.C1TrueDBGrid.ValueItem("CAN", "Canada"));  
v.Add(new C1.Win.C1TrueDBGrid.ValueItem("UK", "United Kingdom"));  
v.Add(new C1.Win.C1TrueDBGrid.ValueItem("USA", "United States"));  
v.Add(new C1.Win.C1TrueDBGrid.ValueItem("JPN", "Japan"));  
v.Add(new C1.Win.C1TrueDBGrid.ValueItem("AUS", "Australia"));  
  
this.c1TrueDBGrid1.Columns["Country"].ValueItems.Translate = true;
```

### Specifying Text-to-Picture Translations

The same techniques used to specify text-to-text translations can also be used for text-to-picture translations. Within the **ValueItem Collection Editor**, instead of typing a string into the [DisplayValue](#) column, use the **ellipsis** button (...) to select a bitmap to be used for data translations. To delete your bitmap selection, simply delete the text in the [DisplayValue](#) property box and either select another bitmap or type in text.



Note that the [Translate](#) property for the [ValueItems](#) object must be set to **True**. Depending upon the height of the bitmaps, it may be necessary to increase the value of the [RowHeight](#) property. If that is done, change the [VerticalAlignment](#) member of the grid's [Style](#) property to **Center** to ensure that the bitmaps (as well as textual data in other columns) are centered vertically within grid cells instead of being anchored at the top.

When the program is run, *Country* field values that match an item in the [Value](#) column appear as the corresponding [DisplayValue](#) picture:

Company	Country
Maple Leaf Systems	
Her Majesty's Software	
Software Mart	
Far East Distributors	
Outback Software, Inc.	
Northwest Purchasing Agents, Inc.	

As with textual translations, the underlying database is not affected; only the presentation of the data value is different. The same effect can be achieved in code as follows:

#### To write code in Visual Basic

Visual Basic

```
Dim item As C1.Win.C1TrueDBGrid.ValueItem = New C1.Win.C1TrueDBGrid.ValueItem()
With Me.C1TrueDBGrid1.Columns("Country").ValueItems.Values
    Item.Value = "CAN"
    Item.DisplayValue = System.Drawing.Image.FromFile("canada.bmp")
    .Add(Item)

    Item = New C1.Win.C1TrueDBGrid.ValueItem()
    Item.Value = "UK"
    Item.DisplayValue = System.Drawing.Image.FromFile("uk.bmp")
    .Add(Item)

    Item = New C1.Win.C1TrueDBGrid.ValueItem()
    Item.Value = "USA"
    Item.DisplayValue = System.Drawing.Image.FromFile("usa.bmp")
    .Add(Item)

    Item = New C1.Win.C1TrueDBGrid.ValueItem()
```

```

Item.Value = "JPN"
Item.DisplayValue = System.Drawing.Image.FromFile("japan.bmp")
.AddItem()

Item = New C1.Win.C1TrueDBGrid.ValueItem()
Item.Value = "AUS"
Item.DisplayValue = System.Drawing.Image.FromFile("australia.bmp")
.AddItem()

Me.C1TrueDBGrid1.Columns("Country").ValueItems.Translate = True
End With

```

To write code in C#

C#	
----	--

```

C1.Win.C1TrueDBGrid.ValueItemCollection v =
this.c1TrueDBGrid.Columns["Country"].ValueItems.Values;
C1.Win.C1TrueDBGrid.ValueItem Item = new C1.Win.C1TrueDBGrid.ValueItem();

Item.value = "CAN";
Item.DisplayValue = System.Drawing.Image.FromFile["canada.bmp"];
v.Add[Item];

Item = new C1.Win.C1TrueDBGrid.ValueItem();
Item.value = "UK";
Item.DisplayValue = System.Drawing.Image.FromFile["uk.bmp"];
v.Add[Item];

Item = new C1.Win.C1TrueDBGrid.ValueItem();
Item.value = "USA";
Item.DisplayValue = System.Drawing.Image.FromFile["usa.bmp"];
v.Add[Item];

Item = new C1.Win.C1TrueDBGrid.ValueItem();
Item.value = "JPN";
Item.DisplayValue = System.Drawing.Image.FromFile["japan.bmp"];
v.Add[Item];

```

```

Item = new C1.Win.C1TrueDBGrid.ValueItem();
Item.value = "AUS";
Item.DisplayValue = System.Drawing.Image.FromFile("australia.bmp");
v.Add[Item];

this.c1TrueDBGrid1.Columns["Country"].ValueItems.Translate = true;

```

## Displaying Both Text and Pictures in a Cell

Once the [ValueItems](#) object is configured to perform text-to-picture translations for a column, you can display both the [Value](#) string and the [DisplayValue](#) bitmap to appear within the same cell by selecting the [AnnotatePicture](#) property. Or, in code:

[To write code in Visual Basic](#)

Visual Basic	
<pre>Me.C1TrueDBGrid1.Columns("Country").ValueItems.AnnotatePicture = True</pre>	

[To write code in C#](#)

C#	
<pre>this.c1TrueDBGrid1.Columns["Country"].ValueItems.AnnotatePicture = true;</pre>	

The horizontal placement of the bitmap with respect to the cell text is determined by the [HorizontalAlignment](#) and [ForegroundPicturePosition](#) properties of the column's [Style](#) object. The enumeration objects for these two properties are the [AlignHorzEnum](#) and [ForegroundPicturePositionEnum](#) objects respectively. In the following example, [HorizontalAlignment](#) is set to [AlignHorzEnum.General](#). Since the *Country* column represents a string field, the cell text is left-aligned. However, since the [ForegroundPicturePosition](#) property is set to the default value of [ForegroundPicturePosition.Near](#), the bitmap is placed at the left edge of the cell, and the cell text is left-aligned in the remaining space.

Company	Country
Maple Leaf Systems	CAN
Her Majesty's Software	UK
Software Mart	USA
Far East Distributors	JPN
Outback Software, Inc.	AUS
Northwest Purchasing Agents, Inc.	USA

However, if you change the [ForeColorPicturePosition](#) property to [ForegroundPicturePositionEnum.Far](#), then the cell text is left-aligned as usual, but the bitmap is right-aligned.

Company	Country	
Maple Leaf Systems	CAN	
Her Majesty's Software	UK	
Software Mart	USA	
Far East Distributors	JPN	
Outback Software, Inc.	AUS	
Northwest Purchasing Agents, Inc.	USA	

To place the cell text below the bitmap while centering both items, set the [HorizontalAlignment](#) property to [AlignHorzEnum.Center](#) and the [ForeColorPicturePosition](#) property to [ForegroundPicturePositionEnum.TopofText](#).

Company	Country	
Maple Leaf Systems	CAN	
Her Majesty's Software	UK	
Software Mart	USA	
Far East Distributors	JPN	
Outback Software, Inc.	AUS	
Northwest Purchasing Agents, Inc.	USA	

 **Note:** For an illustration of all possible combinations of the [HorizontalAlignment](#) and [ForeGroundPicturePosition](#) properties, see [Displaying Foreground Pictures](#).

When editing, the editor uses all space available in the text portion of the cell. When the [Presentation](#) property of the [ValueItemCollection](#) object is set to one of the combo box options, the bitmap will not change until editing is completed.

Note that in the preceding examples, the text is displayed as it is stored in the database without formatting. Since the [ValueItem](#) object can only accommodate one translation, displaying both a picture and formatted text cannot be accomplished with [ValueItems](#) alone. Therefore, use the [FormatText](#) event to translate the text, and then use the [ValueItems](#) to associate the **translated text** (not the underlying data value) with a picture:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Columns("Country").NumberFormat = "FormatText Event"
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Columns["Country"].NumberFormat = "FormatText Event";
```

In this example, the [NumberFormat](#) property is set to a special value that causes the [FormatText](#) event to fire:

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub C1TrueDBGrid1_FormatText(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FormatTextEventArgs) Handles C1TrueDBGrid1.FormatText  
  
    Select Case e.Value  
        Case "CAN"  
            e.Value = "Canada"
```

```

Case "UK"
    e.Value = "United Kingdom"
Case "USA"
    e.Value = "United States"
Case "JPN"
    e.Value = "Japan"
Case "AUS"
    e.Value = "Australia"
End Select
End Sub

```

To write code in C#

C#	
----	--

```

private void C1TrueDBGrid1_FormatText( object sender,
C1.Win.C1TrueDBGrid.FormatTextEventArgs e)
{
    switch (e.value)
    {
        case "CAN":
            e.value = "Canada";
            break;
        case "UK":
            e.value = "United Kingdom";
            break;
        case "USA":
            e.value = "United States";
            break;
        case "JPN":
            e.value = "Japan";
            break;
        case "AUS":
            e.value = "Australia";
            break;
    }
}

```

Since the [FormatText](#) event now translates the country codes stored in the database into actual names for display, the [Value](#) property of each [ValueItem](#) in the [ValueItemCollection](#) object must be changed accordingly.

Assuming that the [HorizontalAlignment](#) and [ForegroundPicturePosition](#) properties are set as in the previous example, the end result is that the underlying data is displayed as both descriptive text *and* a picture.

Company	Country
Maple Leaf Systems	 Canada
Her Majesty's Software	 United Kingdom
Software Mart	 United States
Far East Distributors	 Japan
Outback Software, Inc.	 Australia
Norwest Purchasing Agents, Inc.	 United States

 **Note:** [DisplayValue](#) pictures are ideally suited for translating status codes or other fields where the number of allowable values is relatively small. To get a more generalized picture display mechanism than the [ValueItemCollection](#) object offers, use the [ForegroundPicturePosition](#) property in conjunction with the [FetchCellStyle](#) event to display arbitrary pictures on a per-cell basis. For more information, see [Displaying Foreground Pictures](#).

## Displaying Boolean Values as Check Boxes

Use the [ValueItems](#) object to represent Boolean values as in-cell checkboxes. The effect of a working Boolean checkbox can be achieved without defining any [ValueItem](#) objects—just set the [Presentation](#) property to [PresentationEnum.CheckBox](#).

Note that the [Translate](#) checkbox does not need to be selected to enable automatic data translation, nor does the [CycleOnClick](#) checkbox need to be selected to enable end users to toggle the value of a cell by clicking it. The following figure shows a typical checkbox display.

ProductName	QuantityPerUnit	Discontinued
Chai	10 boxes x 20 bag	<input type="checkbox"/>
Chang	24 - 12 oz bottles	<input checked="" type="checkbox"/>
Aniseed Syrup	12 - 550 ml bottles	<input type="checkbox"/>
Chef Anton's Caju	48 - 6 oz jars	<input type="checkbox"/>
Chef Anton's Gum	36 boxes	<input checked="" type="checkbox"/>
Grandma's Boysen	12 - 8 oz jars	<input type="checkbox"/>
Uncle Bob's Organ	12 - 1 lb pkgs.	<input type="checkbox"/>
Northwoods Cranb	12 - 12 oz jars	<input checked="" type="checkbox"/>

 **Note:** To use different check box bitmaps, define a two-state collection of [ValueItem](#) objects through the [Values](#) property of the [C1TrueDBGrid](#). Set the [Presentation](#) property to [PresentationEnum.Normal](#), and set the [Translate](#) and [CycleOnClick](#) properties to [True](#).

### Displaying Allowable Values as Radio Buttons

If the number of allowable values for a column is relatively small, consider a radio button presentation. At design time, go to the **C1TrueDBGrid Designer**, then to the [ValueItems](#) node for the column and set the [Presentation](#) property to [PresentationEnum.RadioButton](#). Or, in code:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Columns("Country").ValueItems.Presentation =
PresentationEnum.RadioButton
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Columns["Country"].ValueItems.Presentation =
PresentationEnum.RadioButton;
```

If necessary, adjust the [Width](#) property of the column style and the [RowHeight](#) property of the grid to accommodate all of the items.

Company	Country
Maple Leaf Systems	<input type="radio"/> United States <input type="radio"/> Japan <input checked="" type="radio"/> Canada <input type="radio"/> Australia <input type="radio"/> United Kingdom <input type="radio"/> Other
Her Majesty's Software	<input type="radio"/> United States <input type="radio"/> Japan <input type="radio"/> Canada <input type="radio"/> Australia <input checked="" type="radio"/> United Kingdom <input type="radio"/> Other
Software Mart	<input checked="" type="radio"/> United States <input type="radio"/> Japan <input type="radio"/> Canada <input type="radio"/> Australia <input type="radio"/> United Kingdom <input type="radio"/> Other
Far East Distributors	<input type="radio"/> United States <input checked="" type="radio"/> Japan <input type="radio"/> Canada <input type="radio"/> Australia <input type="radio"/> United Kingdom <input type="radio"/> Other

For a given cell, if the underlying data does not match any of the available values, none of the radio buttons will be selected for that cell. However, a default [ValueItem](#) object can be provided that will be selected instead.

In this example, the last [ValueItem](#) has an empty [Value](#) property, but the [DisplayValue](#) is set to **Other**. This means that when *Country* fields that do not match any of the items are displayed their value in the grid will be displayed as **Other**.

#### To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Columns("Country").ValueItems.DefaultItem = 5
```

#### To write code in C#

C#

```
this.c1TrueDBGrid1.Columns["Country"].ValueItems.DefaultItem = 5;
```

In this example, 5 is the zero-based index of the default item.

### Context-Sensitive Help with CellTips

In many Windows applications, when the user points to a toolbar button and leaves the mouse at rest for a short time, a ToolTip window appears with the name of the associated command. Provide similar context-sensitive help for users with the [CellTips](#) property of **True DBGrid for WinForms**.

The [CellTips](#) property determines whether the grid displays a pop-up text window when the cursor is idle. By default, this property is set to [CellTipEnum.NoCellTips](#), and cell tips are not displayed.

If the [CellTips](#) property is set to either [CellTipEnum.Anchored](#) or [CellTipEnum.Floating](#), the [FetchCellTips](#) event will be fired whenever the grid has focus and the cursor is idle over a grid cell, record selector, column header, column footer, split header, or grid caption. The event will not fire if the cursor is over the scroll bars.

The setting [CellTipEnum.Anchored](#) aligns the cell tip window with either the left or right edge of the cell. The left edge is favored, but the right edge will be used if necessary in order to display as much text as possible.

Composers		
First	Last	Birth
Isaac	Albeniz	5/29/1860
Johann Sebastian	Germany	
Samuel	Barber	3/9/1910
Bela	Bartok	3/25/1881
Ludwig van	Beethoven	12/16/1770
Alban	Berg	2/9/1885
Luciano	Berio	10/10/1925

The setting

[CellTipEnum.Floating](#) displays the cell tip window below the cursor, if possible.

Composers		
First	Last	Birth
Isaac	Albeniz	5/29/1860
Johann Sebastian	Bach	
Samuel	Barber	3/9/1910
Bela	Bartok	3/25/1881
Ludwig van	Beethoven	12/16/1770
Alban	Berg	2/9/1885
Luciano	Berio	10/10/1925

If a handler is not provided for the [FetchCellTips](#) event, and the cursor is over a grid cell, the default behavior is to display a text box containing the cell's contents (up to 256 characters). This enables the user to peruse the contents of a cell even if it is not big enough to be displayed in its entirety. The [FetchCellTips](#) event can be programmed to override the default cell text display in order to provide users with context-sensitive help.

A common application of the [FetchCellTips](#) event is to display the contents of an invisible column that provides additional information about the row being pointed to, as in the following example:

[To write code in Visual Basic](#)

Visual Basic

```
' General Declarations.  
Dim DescCol As C1.Win.C1TrueDBGrid.C1DataColumn  
  
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load  
    ' Set the column to be displayed as a CellTip.  
    DescCol = Me.C1TrueDBGrid1.Columns("Country")  
    Me.C1TrueDBGrid1.CellTips = C1.Win.C1TrueDBGrid.CellTipEnum.Floating  
End Sub  
  
Private Sub C1TrueDBGrid1_FetchCellTips(ByVal sender As System.Object, ByVal e As  
C1.Win.C1TrueDBGrid.FetchCellTipsEventArgs) Handles  
C1TrueDBGrid1.FetchCellTips  
    ' Display the column.  
    e.CellTip = DescCol.CellText(e.Row)  
End Sub
```

To write code in C#

C#

```
// General Declarations.  
C1.Win.C1TrueDBGrid.C1DataColumn DescCol;  
  
private void Form1_Load(System.object sender, System.EventArgs e)  
{  
    // Set the column to be displayed as a CellTip.  
    DescCol = this.c1TrueDBGrid1.Columns["Country"];  
    this.c1TrueDBGrid1.CellTips = C1.Win.C1TrueDBGrid.CellTipEnum.Floating;  
}  
  
private void C1TrueDBGrid1_FetchCellTips(System.object sender,  
C1.Win.C1TrueDBGrid.FetchCellTipsEventArgs e)  
{  
    // Display the column.
```

```
e.CellTip = DescCol.CellText(e.Row);  
}
```

Use the [CellTipsDelay](#) property to control the amount of time that must elapse before the cell tip window is displayed.

Use the [CellTipsWidth](#) property to control the width of the cell tip window.

## Scroll Tracking and ScrollTips

If the [ScrollTrack](#) property is set to **True**, moving the scrollbar thumb causes vertical scrolling of the grid's display. By default, this property is **False**, and no scrolling occurs until the thumb is released.

If the [ScrollTips](#) property is set to **True**, moving the scrollbar thumb causes the [FetchScrollTips](#) event to fire. Use this event to track the position of the scroll bar on a record-by-record basis. Also use this event to present the user with useful information relating to the current record or recordset. When used in tandem, the [ScrollTrack](#) and [ScrollTips](#) properties provide users with visual feedback when scrolling through large DataSets.



See [Tutorial 22: Borders, Scroll Tracking, and Scroll Tips](#) for more information.

## Data-Sensitive Cell Merging

If the underlying grid data is sorted, the readability of the display may be improved by grouping adjacent like-valued cells within the sorted column(s). The [Merge](#) property of the [C1DisplayColumn](#) object controls whether its data cells are grouped in this manner to form a single non-editable cell, using the [ColumnMergeEnum](#). By default, this property is set to **None**, and each physical row within a column displays a data value, if any.

Consider the following grid, which is sorted by the *Country* field.

The screenshot shows a database grid with three columns: Country, First, and Last. The Country column uses data-sensitive cell merging, which groups rows by country. For example, all rows for Austria are grouped together, and all rows for Brazil are grouped together. The grid has a header row and several data rows. The first data row for Austria is highlighted with a dotted border.

Country	First	Last
Austria	Alban	Berg
Austria	Anton	Bruckner
Austria	Gustav	Mahler
Austria	Wolfgang Amadeu	Mozart
Austria	Arnold	Schoenberg
Austria	Franz	Schubert
Austria	Anton von	Webern
Brazil	Heitor	Villa-Lobos
Czechoslovakia	Antonin	Dvorak
Czechoslovakia	Leos	Janacek
Czechoslovakia	Bohuslav	Martinu
Czechoslovakia	Bedrich	Smetana
Denmark	Carl	Nielsen
England	Benjamin	Britten
England	Edward	Ci---

If data-sensitive cell merging is enabled for the *Country* column at run time, then its cells are grouped according to their contents. For example:

#### To write code in Visual Basic

```
Visual Basic
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Country").Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free
```

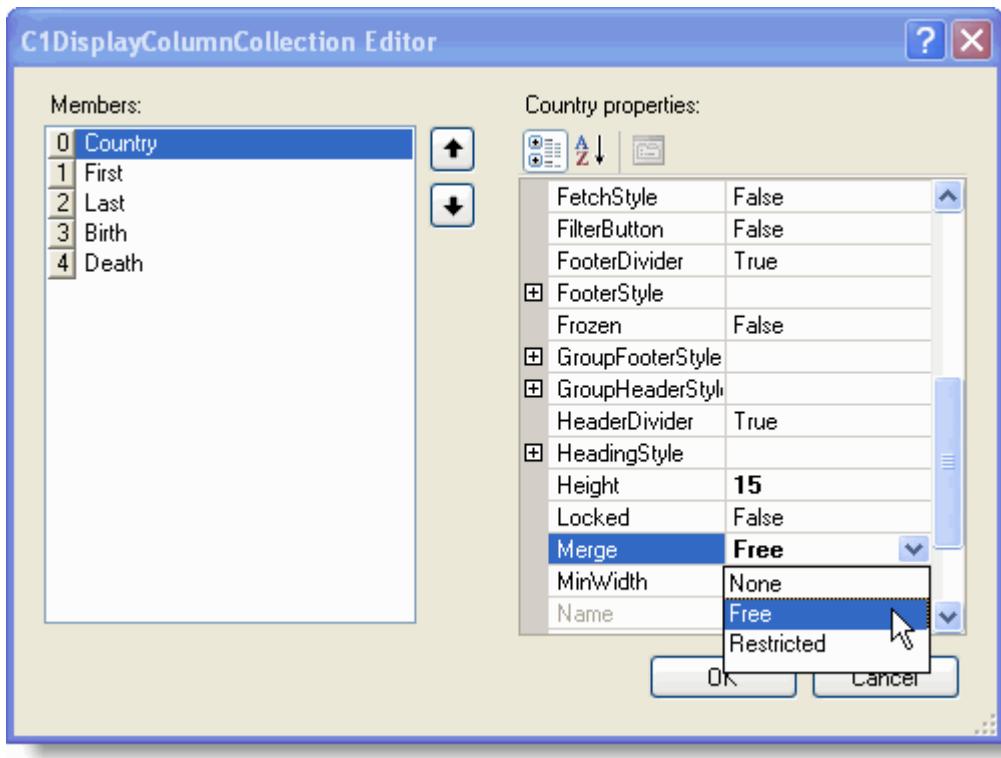
#### To write code in C#

```
C#
this.c1TrueDBGrid1.Splits[0].DisplayColumns["Country"].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free;
```

Executing this statement produces the following display. Note that when the current cell is in the *Country* column, the marquee spans all like-valued rows and takes on the appearance of a dotted rectangle, regardless of the setting of the [MarqueeStyle](#) property. The behavior of the marquee in other columns is not affected, however.

Country	First	Last
Austria	Alban	Berg
	Anton	Bruckner
	Gustav	Mahler
	Wolfgang Amadeu	Mozart
	Arnold	Schoenberg
	Franz	Schubert
	Anton von	Webern
Brazil	Heitor	Villa-Lobos
Czechoslovakia	Antonin	Dvorak
	Leos	Janacek
	Bohuslav	Martinu
	Bedrich	Smetana
Denmark	Carl	Nielsen
England	Benjamin	Britten
	Edward	Ci---

If a design-time layout is specified, the same effect can be achieved by setting the Merge property of the desired **C1DisplayColumn** object within the **C1DisplayColumn Collection Editor**, which can be accessed by clicking on the **ellipsis** button (...) after the **DisplayColumns** property in the **Split Collection Editor**.



The Merge property can be set to **Free**, which combines like values in adjacent rows, or **Restricted**, which combines like values in adjacent rows in the same row span as the previous column. The

difference between **Free** and **Restricted** settings is whether cells within the same contents should always be merged (**Free**) or only when adjacent cells to the left or top are also merged (**Restricted**). The examples below illustrate the difference.

#### No Merge (Regular Spreadsheet View)

No merge displays data in a regular spreadsheet view.

Product	Associate	Region	Sales
Drums	Donna	East	\$2,532.00
Drums	Donna	East	\$45,342.00
Drums	John	East	\$14,323.00
Drums	John	North	\$4,543.00
Drums	Paul	North	\$4,232.00
Drums	Paula	East	\$45,342.00
Drums	Sylvia	East	\$45,342.00
Flutes	Donna	South	\$45,342.00
Flutes	John	East	\$43,432.00
Flutes	Paul	North	\$4,543.00

#### To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(3).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None
```

#### To write code in C#

C#

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None;
```

```

this.c1TrueDBGrid1.Splits[0].DisplayColumns[2].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[3].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None

```

### Free Merge

Free merge combines like values in adjacent rows.

Product	Associate	Region	Sales
Drums	Donna	East	\$2,532.00
	John		\$45,342.00
	Paul	North	\$14,323.00
	Paula		\$4,543.00
	Sylvia	East	\$4,232.00
Flutes	Donna	South	\$45,342.00
	John	East	\$43,432.00
	Paul	North	\$4,543.00

Notice how the first *Region* cell (East) merges across employees (Donna and John) to its left.

### To write code in Visual Basic

#### Visual Basic

```

' Set free merging.
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(3).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free

' Set each column's vertical alignment to Center.
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center

```

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(3).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
```

To write code in C#

C#

```
// Set free merging.
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[2].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[3].Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Free;

// Set each column's vertical alignment to Center.
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[2].Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[3].Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
```

Restricted Merge

Restricted merge combines like values in adjacent rows in the same row span as the previous column.

Product	Associate	Region	Sales
Drums	Donna	East	\$2,532.00
			\$45,342.00
	John	East	\$14,323.00
		North	\$4,543.00
	Paul	North	\$4,232.00
	Paula	East	\$45,342.00
Flutes	Sylvia	East	\$45,342.00
	Donna	South	\$45,342.00
	John	East	\$43,432.00
	Paul	North	\$4,543.00

Notice how the first *Region* cell (East) no longer merges across employees to its left.

[To write code in Visual Basic](#)

Visual Basic

```
' Set restricted merging.
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(3).Merge =
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None

' Set each column's vertical alignment to Center.
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(3).Style.VerticalAlignment =
C1.Win.C1TrueDBGrid.AlignVertEnum.Center
```

[To write code in C#](#)

C#

```
// Set restricted merging.  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Merge =  
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Merge =  
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[2].Merge =  
C1.Win.C1TrueDBGrid.ColumnMergeEnum.Restricted;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[3].Merge =  
C1.Win.C1TrueDBGrid.ColumnMergeEnum.None;  
  
// Set each column's vertical alignment to Center.  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.VerticalAlignment =  
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Style.VerticalAlignment =  
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[2].Style.VerticalAlignment =  
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;  
this.c1TrueDBGrid1.Splits[0].DisplayColumns[3].Style.VerticalAlignment =  
C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
```

If the Merge property is set to **Free** or **Restricted** for a column, then none of the data cells can be edited, even if all rows contain unique values. The only exception to this is the AddNew row. However, once a new row is added to the underlying database, then its data will also be uneditable within the merged column(s).

 **Note:** Merged cells are not limited to displaying text. Display bitmaps within merged cells by populating the [ValueItems](#) object as described earlier in [Specifying Text-to-Picture Translations](#). The section [Applying Pictures to Grid Elements](#) describes a more flexible method for displaying in-cell graphics using [Style](#) objects.

## See Also

[Formatting Merged Cells](#)

### Formatting Merged Cells

Use the [HorizontalAlignment](#) and [VerticalAlignment](#) properties of the column's [Style](#) object to center the data within the merged cell, as in the following figure.

Country /	First	Last
Austria	Alban	Berg
	Anton	Bruckner
	Gustav	Mahler
	Wolfgang Amadeus	Mozart
	Arnold	Schoenberg
	Franz	Schubert
	Anton von	Webern
Brazil	Heitor	Villa-Lobos
Czechoslovakia	Antonin	Dvorak
	Leos	Janacek
	Bohuslav	Martinu
	Bedrich	Smetana
Denmark	Carl	Nielsen
England	Benjamin	Britten
	Edward	Curtis

In the **Splits Collection Editor**, access these properties by expanding the [Style](#) property node at the same level of the tree as the [Merge](#) property. Or, in code:

To write code in Visual Basic

Visual Basic

```
With Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Country").Style
    .HorizontalAlignment = C1.Win.C1TrueDBGrid.AlignHorzEnum.Center
    .VerticalAlignment = C1.Win.C1TrueDBGrid.AlignVertEnum.Center
End With
```

To write code in C#

C#

```
C1.Win.C1TrueDBGrid.Style s;
s = this.c1TrueDBGrid1.Splits[0].DisplayColumns["Country"].Style;
s.HorizontalAlignment = C1.Win.C1TrueDBGrid.AlignHorzEnum.Center;
s.VerticalAlignment = C1.Win.C1TrueDBGrid.AlignVertEnum.Center;
```

## Column Grouping

The purpose of this feature is to allow users to dynamically configure a tree view type structure. When in Group mode, a "grouping area" is added to the top of the grid, providing an intuitive interface for specifying column groups. In code, this collection is accessed through the [GroupedColumns](#) collection and consists of [C1 DataColumn](#) objects that have been moved to the grouping area; it is similar to the [C1 DataColumnCollection](#) class.

The grouping area is created when [DataView](#) is set to [DataViewEnum.GroupBy](#). When [AllowColMove](#) is set to **True**, the grid will support the ability to move one or more columns into this area. Users can do this by selecting a single column and dragging its header into the grouping area. This action can also be performed in code by invoking the [Add](#) method of the [GroupedColumnCollection](#). When a column is first added to the grouping area, nodes are added to the grid. Each node represents the unique value of the grouped column. Similarly when the last grouped column is removed from the area, the nodes are removed and the display will be similar to a normal grid.

When the expand icon ("+") is clicked the grid expands and the next set of grouping column data appears. If there is another grouped column, then this column has an expand icon next to it also. With the addition of each grouped column, another level of sorted information gets added to the tree view. When the expand icon on the final column in the **GroupedColumns** collection is clicked the data in the remaining columns is displayed in the grid's Normal style, as shown below:

First	Birth	Death
+ Country: Austria		
+ Country: Brazil		
Country: Czechoslovakia		
+ Last: Dvorak	Antonin	9/8/1841
		5/1/1904
+ Last: Janacek		
+ Last: Martinu		
+ Last: Smetana		
+ Country: Denmark		
+ Country: England		
+ Country: Finland		
+ Country: France		

To manipulate the grouping area in code, use the **GroupedColumn** identifiers to access the collection of grouped columns. Like the **Columns** property, the **GroupedColumns** supports [Add](#), and [RemoveAt](#) methods. However, since the **GroupedColumns** serves as a placeholder for existing grid columns, the semantics of its [Add](#) and [RemoveAt](#) methods are different.

The Add method moves an existing column to the grouping area; it does not create a new column in the grid. Similarly, the RemoveAt method removes a column from the grouping area and returns it to its original position within the grid; it does not delete the column altogether.

Use the [GroupByCaption](#) property to add descriptive or directional text to the grouping area, which will be displayed when no columns are present there.

See [Tutorial 17: Creating a Grouping Display](#) for more information.

## See Also

[Column Grouping with the GroupIntervalEnum Enumeration](#)

[Expanding and Collapsing Grouped Rows](#)

### Column Grouping with the GroupIntervalEnum Enumeration

The [GroupIntervalEnum](#) enumeration allows you to group data rows according to date, month, year, alphabet, date values (Outlook-style grouping), or you can customize how you would like to sort your data. The following topics explain how to group using a few of these settings.

 **Note:** The default setting is [GroupIntervalEnum.Default](#), which groups rows by their values.

## See Also

[Group Rows by Year](#)

[Group Rows by the First Character of the Value](#)

[Group Rows by Date Value \(Outlook-Style\)](#)

[Group Rows by Custom Setting](#)

### *[Group Rows by Year](#)*

This topic demonstrates how to use the [GroupIntervalEnum.Year](#) member in [C1TrueDBGrid](#).

Complete the following steps:

1. Start a new .NET project.
2. Navigate to the Visual Studio Toolbox and add a C1TrueDBGrid control to the form.
3. Click the **C1TrueDBGrid** 's smart tag to open the **C1TrueDBGrid Tasks** menu, click the drop-down arrow in the **Choose Data Source** box and choose **Add Project Data Source**.
4. In the **Data Source Configuration Wizard**, either select a connection to **NWind.mdb** or create a new connection to this database.
5. On the **Choose your database objects** page of the wizard, select all fields in the **Employees** table and type "Employees" into the **DataSet name** box, and then finish out the wizard.
6. Visual Studio adds the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
Me.EmployeesTableAdapter.Fill(Me.Employees._Employees)
```

To write code in C#

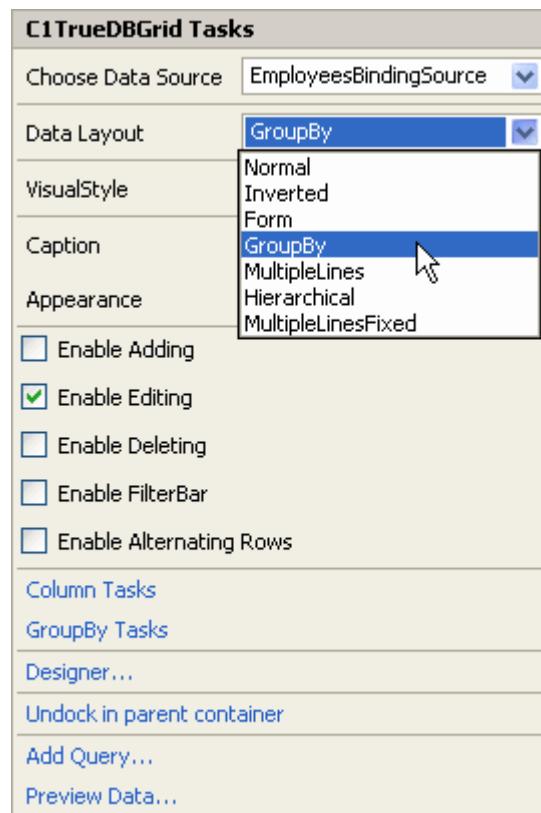
C#

```
this.employeesTableAdapter.Fill(this.Employees._Employees);
```

7. Set the [DataView](#) property to [DataViewEnum.GroupBy](#).

### In the Designer

In the **C1TrueDBGrid Tasks** menu, select **GroupBy** from the **Data Layout** drop-down.



## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

8. Open the **C1TrueDBGrid Designer** by selecting **Designer** from the **C1TrueDBGrid Tasks** menu.
9. Select the *HireDate* column by clicking on it in the right pane.



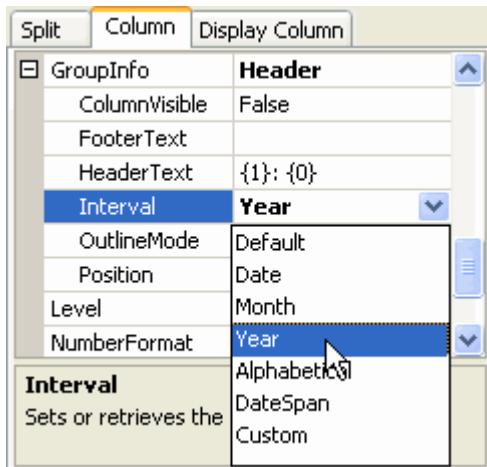
The column can also be selected by choosing *HireDate* from the drop-down list in the toolbar.



10. Set the **Interval** property to **GroupIntervalEnum.Year**.

## In the Designer

Locate the **Interval** property in the left pane of the **C1TrueDBGrid Designer** and set it to **Year**.



### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
' Set the GroupInfo.Interval of the HireDate column to Year.
Me.C1TrueDBGrid1.Columns("HireDate").GroupInfo.Interval =
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Year
```

[To write code in C#](#)

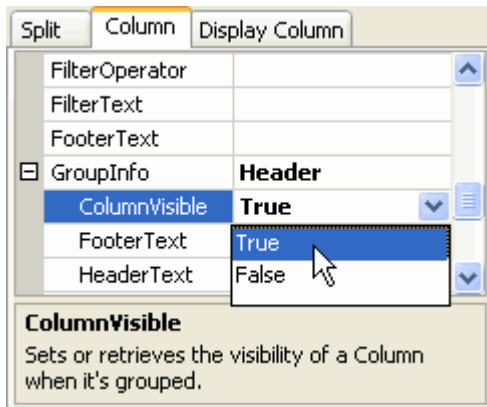
C#

```
// Set the GroupInfo.Interval of the HireDate column to Year.
this.c1TrueDBGrid1.Columns["HireDate"].GroupInfo.Interval =
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Year;
```

- Finally, to keep the *HireDate* column visible after grouping by it, set the [ColumnVisible](#) property to **True**.

### In the Designer

Locate the [ColumnVisible](#) property in the left pane of the **C1TrueDBGrid Designer** and set it to **True**.



### In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
' Keep the HireDate column visible while grouping.  
Me.C1TrueDBGrid1.Columns("HireDate").GroupInfo.ColumnVisible = True
```

To write code in C#

C#

```
// Keep the HireDate column visible while grouping.  
this.c1TrueDBGrid1.Columns["HireDate"].GroupInfo.ColumnVisible = true;
```

In this example, the HireDate column is grouped by year.

HireDate				
	EmployeeID	LastName	FirstName	Title
►	3	Leverling	Janet	Sales Representative
	1	Davolio	Nancy	Sales Representative
	2	Fuller	Andrew	Vice President, Sales
►	4	Peacock	Margaret	Sales Representative
	5	Buchanan	Steven	Sales Manager
	6	Suyama	Michael	Sales Representative
►	7	King	Robert	Sales Representative
	8	Callahan	Laura	Inside Sales Coordinator
	9	Dodsworth	Anne	Sales Representative

### Group Rows by the First Character of the Value

This topic demonstrates how to use the `GroupIntervalEnum.Alphabetical` member in **C1TrueDBGrid**.

Complete the following steps:

1. Start a new .NET project.
2. Open the Toolbox and add a **C1TrueDBGrid** control to the form.
3. Open the **C1TrueDBGrid Tasks** menu, click the drop-down arrow in the **Choose Data Source** box, and click **Add Project Data Source**.
4. In the adapter's **Data Source Configuration Wizard**, either select a connection to NWind.mdb or create a new connection to this database.
5. On the **Choose your database objects** page of the wizard, select all fields in the **Products** table and type "Products" into the **DataSet name** box, and then finish out the wizard.
6. Visual Studio adds the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
Me.ProductsTableAdapter.Fill(Me.Products._Products)
```

To write code in C#

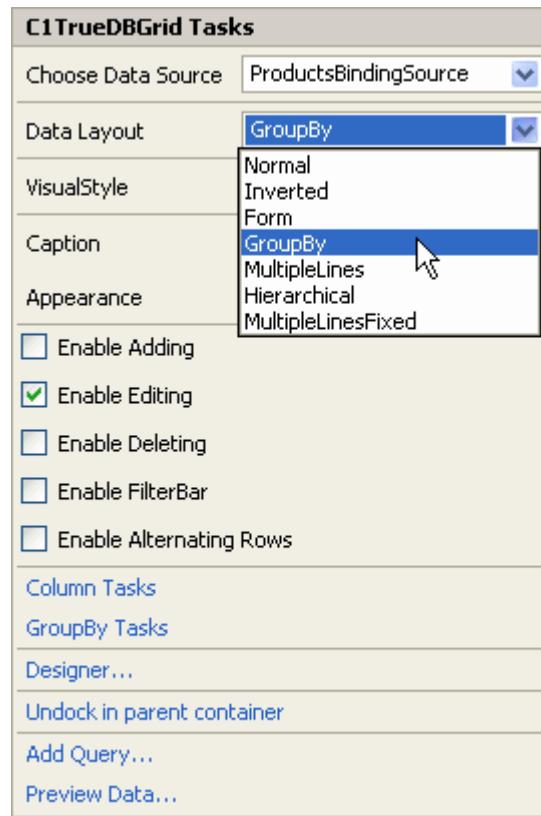
C#

```
this.productsTableAdapter.Fill(this.Products._Products);
```

7. Set the **DataView** property to **DataViewEnum.GroupBy**.

### In the Designer

In the **C1TrueDBGrid Tasks** menu, select **GroupBy** from the **Data Layout** drop-down.



### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

8. Open the **C1TrueDBGrid Designer** by selecting **Designer** from the **C1TrueDBGrid Tasks** menu.
9. Select the *ProductName* column by clicking on it in the right pane.

ProductName ↓	SupplierID	CategoryName
ProductName	SupplierID	CategoryName
ProductName	SupplierID	CategoryName

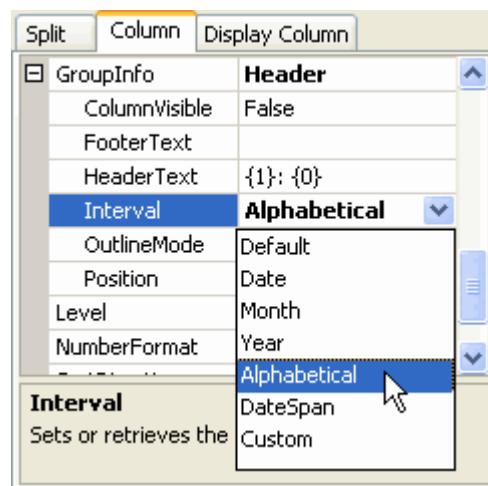
The column can also be selected by choosing *ProductName* from the drop-down list in the toolbar.



10. Set the **Interval** property to **Alphabetical**.

### In the Designer

Locate the **Interval** property in the left pane of the **C1TrueDBGrid Designer** and set it to **Alphabetical**.



### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

## Visual Basic

```
' Set the GroupInfo.Interval of the ProductName column to Alphabetical.  
Me.C1TrueDBGrid1.Columns("ProductName").GroupInfo.Interval =  
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Alphabetical
```

## To write code in C#

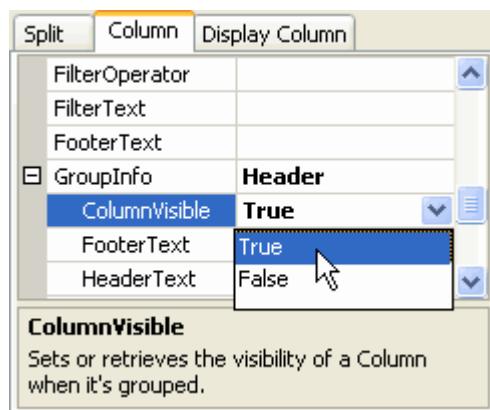
### C#

```
// Set the GroupInfo.Interval of the ProductName column to Alphabetical.  
this.c1TrueDBGrid1.Columns["ProductName"].GroupInfo.Interval =  
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Alphabetical;
```

- Finally, to keep the *ProductName* column visible after grouping by it, set the [ColumnVisible](#) property to **True**.

## In the Designer

Locate the ColumnVisible property in the left pane of the **C1TrueDBGrid Designer** and set it to **True**.



## In Code

Add the following code to the **Form\_Load** event:

## To write code in Visual Basic

## Visual Basic

```
' Keep the ProductName column visible while grouping.  
Me.C1TrueDBGrid1.Columns("ProductName").GroupInfo.ColumnVisible = True
```

## To write code in C#

### C#

```
// Keep the ProductName column visible while grouping.  
this.c1TrueDBGrid1.Columns["ProductName"].GroupInfo.ColumnVisible = true;
```

In this example, the *ProductName* column is grouped by the first letter of the product name.

ProductName	CategoryID	Discontinued	ProductID	QuantityPerUnit
Alice Mutton	6	<input checked="" type="checkbox"/>	17	20 - 1 kg tins
Aniseed Syrup	2	<input type="checkbox"/>	3	12 - 550 ml bottles
Boston Crab Meat	8	<input type="checkbox"/>	40	24 - 4 oz tins
Escargots de Bourgogne	8	<input type="checkbox"/>	58	24 pieces

## Group Rows by Date Value (Outlook-Style)

This topic demonstrates how to use the [GroupIntervalEnum.DateSpan](#) member in [C1TrueDBGrid](#).

 **Note:** The Nwind.mdb database was modified for this example. A field *NextMeeting* was added to the employees table and filled in with more current dates.

Complete the following steps:

1. Start a new .NET project.
2. Open the Toolbox and add a C1TrueDBGrid control to the form.
3. Open the **C1TrueDBGrid Tasks** menu, click the drop-down arrow in the **Choose Data Source** box, and click **Add Project Data Source**.

4. In the adapter's **Data Source Configuration Wizard**, either select a connection to NWind.mdb or create a new connection to this database.
5. On the **Choose your database objects** page of the wizard, select all fields in the **Employees** table and type "Employees" into the **DataSet name** box, and then finish out the wizard.
6. Visual Studio adds the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.EmployeesTableAdapter.Fill(Me.Employees._Employees)
```

[To write code in C#](#)

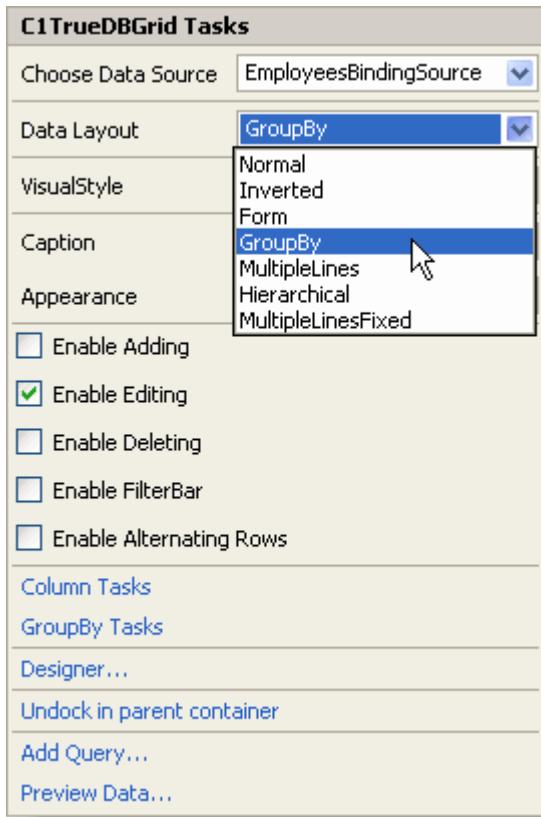
C#

```
this.employeesTableAdapter.Fill(this.Employees._Employees);
```

7. Set the [DataView](#) property to [DataViewEnum.GroupBy](#).

### In the Designer

In the **C1TrueDBGrid Tasks** menu, select **GroupBy** from the **Data Layout** drop-down list:



## In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

To write code in C#

C#

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

8. Open the **C1TrueDBGrid Designer** by selecting **Designer** from the **C1TrueDBGrid Tasks** menu.
9. Select the *NextMeeting* column by clicking on it in the right pane.

	ReportsTo	NextMeeting
▶	ReportsTo	???
	ReportsTo	???

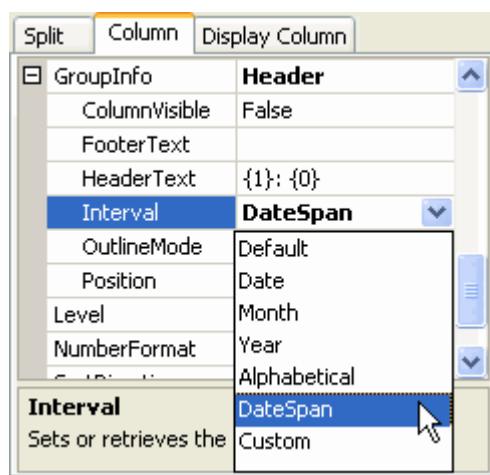
The column can also be selected by choosing *NextMeeting* from the drop-down list in the toolbar.



10. Set the **Interval** property to **GroupIntervalEnum.DateSpan**.

### In the Designer

Locate the **Interval** property in the left pane of the **C1TrueDBGrid Designer** and set it to **DateSpan**.



### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	
<pre>' Set the GroupInfo.Interval of the grid to DateSpan.</pre>	

```
Me.C1TrueDBGrid1.Columns("NextMeeting").GroupInfo.Interval =  
C1.Win.C1TrueDBGrid.GroupIntervalEnum.DateSpan
```

To write code in C#

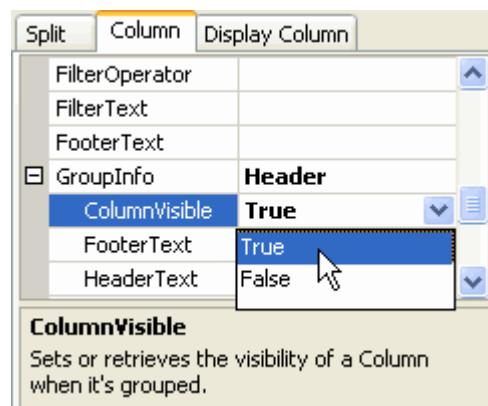
C#

```
// Set the GroupInfo.Interval of the grid to DateSpan.  
this.c1TrueDBGrid1.Columns["NextMeeting"].GroupInfo.Interval =  
C1.Win.C1TrueDBGrid.GroupIntervalEnum.DateSpan;
```

11. Finally, to keep the *NextMeeting* column visible after grouping by it, set the [ColumnVisible](#) property to **True**.

### In the Designer

Locate the [ColumnVisible](#) property in the left pane of the **C1TrueDBGrid Designer** and set it to **True**.



### In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
' Keep the NextMeeting column visible while grouping.
```

```
Me.C1TrueDBGrid1.Columns("NextMeeting").GroupInfo.ColumnVisible = True
```

To write code in C#

C#

```
// Keep the NextMeeting column visible while grouping.  
this.c1TrueDBGrid1.Columns["NextMeeting"].GroupInfo.ColumnVisible = true;
```

In this example, the *NextMeeting* column is sorted by date values.

EmployeeID	Last Name	First Name	Title
NextMeeting: Last Week			
1	Davolio	Nancy	Sales Representative
2	Fuller	Andrew	Vice President, Sales
NextMeeting: Today			
9	Dodsworth	Anne	Sales Representative
NextMeeting: Tomorrow			
8	Callahan	Laura	Inside Sales Coordinator
NextMeeting: Next Week			
7	King	Robert	Sales Representative
6	Suyama	Michael	Sales Representative
4	Peacock	Margaret	Sales Representative
3	Leverling	Janet	Sales Representative
NextMeeting: Two Weeks Away			
5	Buchanan	Steven	Sales Manager

### Group Rows by Custom Setting

This topic demonstrates how to use the `GroupIntervalEnum.Custom` member in **C1TrueDBGrid**.

Complete the following steps:

1. Start a new .NET project.
2. Open the Toolbox and add a **C1TrueDBGrid** control to the form.
3. Open the **C1TrueDBGrid Tasks** menu, click the drop-down arrow in the **Choose Data Source** box, and click **Add Project Data Source**.
4. In the adapter's **Data Source Configuration Wizard**, either select a connection to **NWind.mdb** or create a new connection to this database.
5. On the **Choose your database objects** page of the wizard, select all fields in the **Products** table and type "Products" into the **DataSet name** box, and then finish out the wizard.
6. Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
Me.ProductsTableAdapter.Fill(Me.Products._Products)
```

To write code in C#

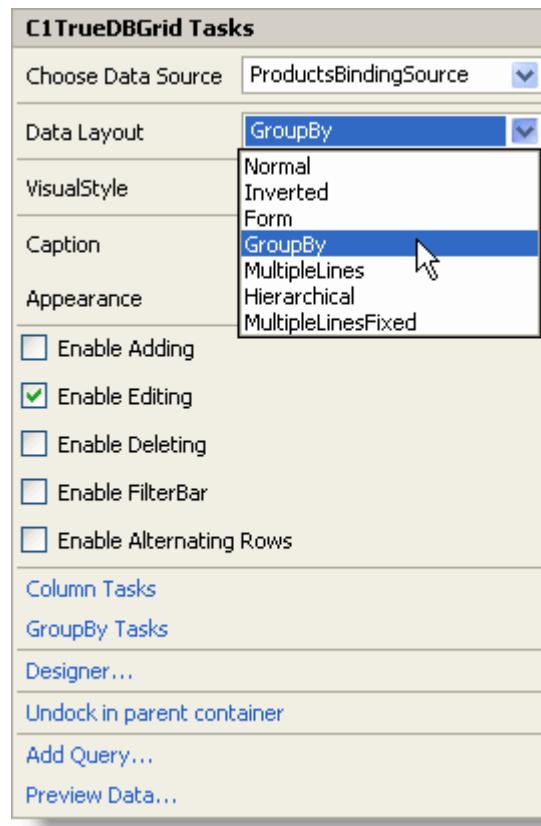
C#

```
this.productsTableAdapter.Fill(this.Products._Products);
```

7. Set the [DataView](#) property to [DataViewEnum.GroupBy](#).

### In the Designer

In the **C1TrueDBGrid Tasks** menu, select **GroupBy** from the **Data Layout** drop-down.



### In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

To write code in C#

C#

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

8. Open the **C1TrueDBGrid Designer** by selecting **Designer** from the **C1TrueDBGrid Tasks** menu.
9. Select the *UnitPrice* column by clicking on it in the right pane.

A screenshot of the C1TrueDBGrid Designer interface. A grid of data rows is visible, with the first column, 'UnitPrice', highlighted in blue. The column header 'UnitPrice' is also highlighted in blue above the grid. The grid has three columns labeled 'UnitPrice', 'UnitsInStock', and 'UnitsOr'.

	UnitPrice	UnitsInStock	UnitsOr
▶	UnitPrice	UnitsInStock	UnitsOr
▶	UnitPrice	UnitsInStock	UnitsOr

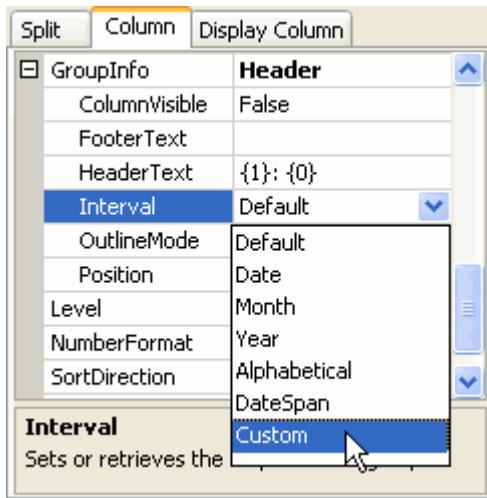
The column can also be selected by choosing *UnitPrice* from the drop-down list in the toolbar.



10. Set the **Interval** property to **GroupIntervalEnum.Custom**.

### In the Designer

Locate the **Interval** property in the left pane of the **C1TrueDBGrid Designer** and set it to **custom**.



### In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
' Set the GroupInfo.Interval of the grid to Custom.
Me.C1TrueDBGrid1.Columns("UnitPrice").GroupInfo.Interval =
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Custom
```

To write code in C#

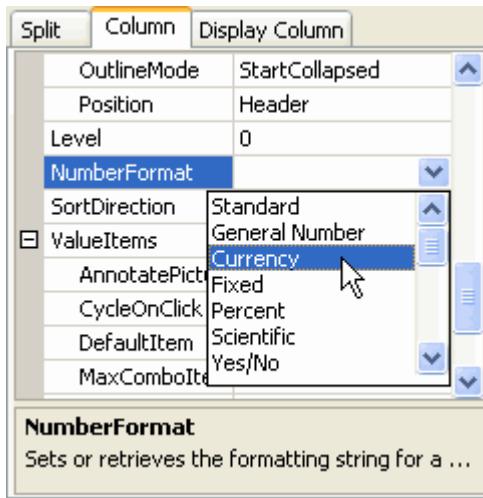
C#

```
// Set the GroupInfo.Interval of the grid to Custom.
this.c1TrueDBGrid1.Columns["UnitPrice"].GroupInfo.Interval =
C1.Win.C1TrueDBGrid.GroupIntervalEnum.Custom;
```

11. Set the **NumberFormat** property of the *UnitPrice* column to **Currency**.

### In the Designer

Locate the **NumberFormat** property in the left pane of the **C1TrueDBGrid Designer** and set it to **Currency**.



## In Code

Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
' Set the UnitPrice column to be displayed as currency.
Me.C1TrueDBGrid1.Columns("UnitPrice").NumberFormat = "Currency"
```

To write code in C#

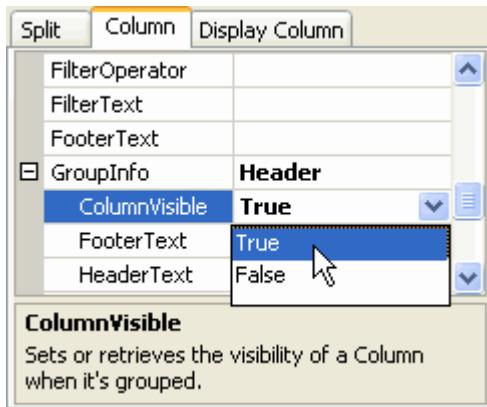
C#

```
// Set the UnitPrice column to be displayed as currency.
this.c1TrueDBGrid1.Columns["UnitPrice"].NumberFormat = "Currency";
```

12. To keep the *UnitPrice* column visible after grouping by it, set the **ColumnVisible** property to **True**.

## In the Designer

Locate the **ColumnVisible** property in the left pane of the **C1TrueDBGrid Designer** and set it to **True**.



### In Code

Add the following to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic

```
' Keep the UnitPrice column visible while grouping.
Me.C1TrueDBGrid1.Columns("UnitPrice").GroupInfo.ColumnVisible = True
```

To write code in C#

C#

```
// Keep the UnitPrice column visible while grouping.
this.c1TrueDBGrid1.Columns["UnitPrice"].GroupInfo.ColumnVisible = true;
```

13. Add the following code to the **GroupInterval** event:

To write code in Visual Basic

Visual Basic

```
' Get the value from the current grid cell as a Decimal.
Dim p As Decimal = CType(Me.C1TrueDBGrid1(e.Row, e.Col.DataColumn.DataField),
```

```

Decimal)

' Assign the custom grouping values.

If p > 0 And p < 10 Then
    e.Value = "$0 - $9.99"
ElseIf p >= 10 And p < 20 Then
    e.Value = "$10.00 - $19.99"
ElseIf p >= 20 And p < 40 Then
    e.Value = "$20.00 - $39.99"
ElseIf p >= 40 And p < 60 Then
    e.Value = "$40.00 - $59.99"
ElseIf p >= 60 Then
    e.Value = "$60 And Greater"
End If

```

To write code in C#

C#

```

// Get the value from the current grid cell as a Decimal.
decimal p = ((decimal)this.c1TrueDBGrid1(e.Row,e.Col.DataColumn.DataField));

// Assign the custom grouping values.

If (p > 0 && p < 10)
{
    e.Value = "$0 - $9.99";
}
else if (p >= 10 && p < 20)
{
    e.Value = "$10.00 - $19.99";
}
else if (p >= 20 && p < 40)
{
    e.Value = "$20.00 - $39.99";
}
else if (p >= 40 && p < 60)
{
    e.Value = "$40.00 - $59.99";
}

```

```

    }
    else if (p >= 60)
    {
        e.Value = "$60 and Greater";
    }
}

```

In this example, the *UnitPrice* column is grouped according to a customized range of values.

ProductName	UnitPrice	CategoryID	Discontinued	ProductID
Carnarvon Tigers	\$62.50	8	<input type="checkbox"/>	18
Sir Rodney's Marm	\$81.00	3	<input type="checkbox"/>	20
Mishi Kobe Niku	\$97.00	6	<input checked="" type="checkbox"/>	9
Thüringer Rostbrat	\$123.79	6	<input checked="" type="checkbox"/>	29
Côte de Blaye	\$263.50	1	<input type="checkbox"/>	38

### Expanding and Collapsing Grouped Rows

To expand or collapse all grouped rows at once, you can use the [ExpandGroupRow](#) and [CollapseGroupRow](#) methods. In this topic you'll add buttons to your form that will expand and collapse your grouped grid using the `ExpandGroupRow` and `CollapseGroupRow` methods.

Complete the following steps:

1. Start a new .NET project.
2. Open the Toolbox and add a **SplitContainer** to the form.
3. Select the SplitComntainer1's smart tag to open the **SplitContainer Tasks** menu and select **Horizontal splitter orientation**.
4. Select **SplitContainer1.Panel2**, the bottom panel in the SplitContainer and navigate to the Toolbox to add 2 Button controls, **Button1** and **Button2**, to the panel.
5. Resize the buttons on the form, and set the **Text** properties for the buttons in the designer or in code:

#### In the Designer

In the Properties window set the following properties:

- o Select **Button1** and in the Properties window set its **Text** property to "Expand".
- o Select **Button2** and in the Properties window set its **Text** property to "Collapse".

## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.Button1.Text = "Expand"  
Me.Button2.Text = "Collapse"
```

[To write code in C#](#)

C#

[Copy Code](#)

```
this.button1.Text = "Expand";  
this.button2.Text = "Collapse";
```

6. Select **SplitContainer1.Panel1**, the top panel in the SplitContainer, and navigate to the Toolbox to add a **C1TrueDBGrid** control to the panel.
7. Open the **C1TrueDBGrid Tasks** menu and select **Dock in parent container**.
8. In the **C1TrueDBGrid Tasks** menu, click the drop-down arrow in the **Choose Data Source** box, and click **Add Project Data Source**.
9. In the adapter's **Data Source Configuration Wizard**, either select a connection to **NWind.mdb** or create a new connection to this database.
10. On the **Choose your database objects** page of the wizard, select all fields in the **Products** table and type "Products" into the **DataSet name** box, and then finish out the wizard.

Visual Studio adds the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.ProductsTableAdapter.Fill(Me.Products._Products)
```

[To write code in C#](#)

C#

```
this.productsTableAdapter.Fill(this.products._Products);
```

11. Set the **DataView** property to **DataViewEnum.GroupBy** in the designer or in code:

**In the Designer**

In the **C1TrueDBGrid Tasks** menu, select **GroupBy** from the **Data Layout** drop-down.

**In Code**

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

12. Add the following **Button\_Click** events to the Code Editor to add the [ExpandGroupRow](#) and [CollapseGroupRow](#) methods:

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Me.C1TrueDBGrid1.ExpandGroupRow(-1, True)
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click  
    Me.C1TrueDBGrid1.CollapseGroupRow(-1)  
End Sub
```

To write code in C#

C#

```
private void button1_Click(object sender, EventArgs e)  
{  
    this.c1TrueDBGrid1.ExpandGroupRow(-1, true);  
}  
  
private void button2_Click(object sender, EventArgs e)  
{  
    this.c1TrueDBGrid1.CollapseGroupRow(-1);  
}
```

## Run the application and observe:

1. Group the grid by dragging column headers into the GroupBy area.

2. Select the **Expand** button, notice that all grouped rows and subgroups expand:

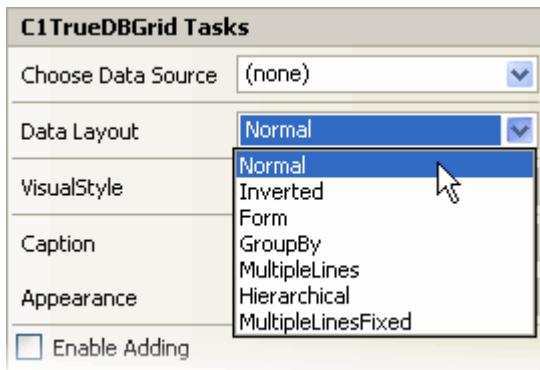
The screenshot shows a Windows application window titled "Form1". Inside, there is a DataGridView control. At the top left of the grid, there are two sorting arrows: one for "CategoryID" pointing up and one for "Discontinued" pointing down. The first row of the grid has a blue header bar with the text "CategoryID: 1" and "Discontinued: False". Below this, several rows for products are listed, each starting with a small square icon. The first row's square is filled with a minus sign, indicating it is collapsed. The second row's square is empty, indicating it is expanded. The expanded row contains eight subrows corresponding to product IDs 1 through 8. At the bottom right of the grid, there are two buttons: "Expand" and "Collapse". The "Expand" button is highlighted with a yellow border.

3. Select the **Collapse** button, notice that all grouped rows are now collapsed:

This screenshot shows the same "Form1" application window as the previous one, but with a different state. The "Expand" button from the previous image is now grayed out, indicating it is disabled. The "Collapse" button at the bottom right is highlighted with a yellow border. The DataGridView displays the same data structure, but the first row is now collapsed, showing only the category header "CategoryID: 1". The other rows are also collapsed, showing only their category headers: "CategoryID: 2", "CategoryID: 3", "CategoryID: 4", "CategoryID: 5", "CategoryID: 6", "CategoryID: 7", and "CategoryID: 8".

## Data Display

**ComponentOne True DBGrid for WinForms** allows you to view data in different ways through the **DataView** property, such as hierarchical, drop-down hierarchical, form, inverted, and multiple line. You can easily change the **DataView** property in the Properties window, in code, or by selecting a **Data Layout** option in the **C1TrueDBGrid Tasks** menu:



The following topics describe the different data views available in the [C1TrueDBGrid](#) control.

## See Also

[Hierarchical Data Display](#)

[Drop-Down Hierarchical Data Display](#)

[Form Data Display](#)

[Inverted Data Display](#)

[Multiple Line Data Display](#)

[Multiple Line Fixed Data Display](#)

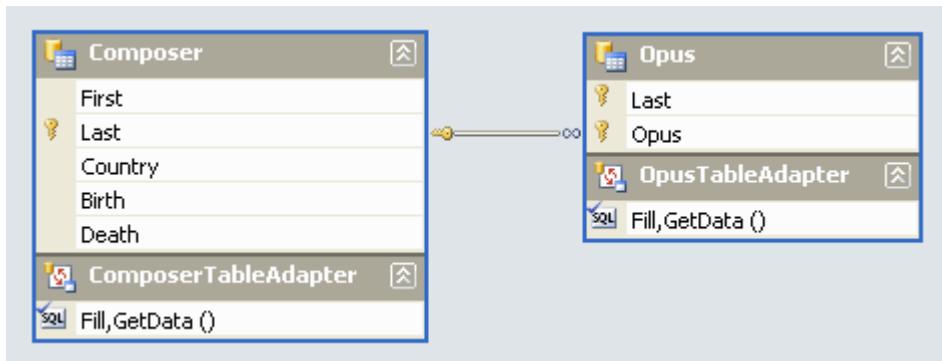
### Hierarchical Data Display

**True DBGrid for WinForms** supports the ability to display hierarchical data. Hierarchical data generally refers to data that is stored in multiple relational tables, where a master (or "parent") table is linked by keyed fields to detail (or "child") tables. The hierarchical display provides the ability to present the master data to users, such that the related detail data can be viewed in the same grid with a single mouse click.

When the grid is bound to a master-detail data source, display related groups of hierarchical data by using bands. A band is a virtual representation of a hierarchical DataSet, not the data itself. A band is created for each level in a hierarchical recordset, and may consist of entire tables or a just a few selected fields. At run time, users can expand and collapse bands using a TreeView-like interface.

To use this feature, the [DataView](#) property must be set to [DataViewEnum.Hierarchical](#). The grid control must be bound to a hierarchical DataSet. One way to do this is to use the [DataSource](#) property.

In this example there is a relation between the **Composer** and **Opus** tables. Both tables have a *Last* field, which happens to be the primary key for the table. The *Last* field of both **Composer** and **Opus** are identical. Thus when joined together on this field these two tables create a hierarchical DataSet.



This hierarchical DataSet can be displayed in the grid through the use of bands and the grid's hierarchical display. By completing just three steps, the above DataSet can be displayed in the **C1TrueDBGrid** control. These step are:

1. First the **DataSource** property of the grid needs to be set to the hierarchical DataSet.
2. Secondly, the **DataMember** property of the grid needs to be set to the parent table in the DataSet. This will tell the grid which table must be displayed initially. In this example, the parent table is **Composer**.
3. Finally, the grid needs to know to switch to the hierarchical display. By setting the **DataView** property to **DataViewEnum.Hierarchical**, the grid will display the above dataset with its bands structure.

At run time, the grid displays read-only data. The next figure illustrates the initial display of the grid. The data from the master recordset (**Composer**) is displayed first, and the fields from the detail recordset bands appear to the right. The detail recordset fields initially contain no data, however. An expand icon ("+" at the left edge of a record indicates the presence of hierarchical data.

Composers							
Last	First	Country	Birth	Death	Last	Opus	
[+] Albeniz	Isaac	Spain	5/29/1860	5/18/1909			
[+] Bach	Johann Sebastian	Germany					
▶ [+] Barber	Samuel	United States	3/9/1910		Barber	Adagio for Strings	
					Barber	Medea's Meditation	
					Barber	Overture to "The S	
					Barber	Second Essay for	
[+] Bartok	Bela	Hungary	3/25/1881	9/26/1945			
[+] Beethoven	Ludwig van	Germany	12/16/1770	3/26/1827			

When the user clicks an expand icon, it changes to a collapse icon ("−") and the next band (**Opus**) expands to show the detail records for the clicked row.

 **Note:** If the [DataView](#) property is set to its default value of [DataViewEnum.Normal](#), the grid will only display flat files; it will not support a hierarchical view. Even if the data source is a hierarchical [DataSet](#), the grid will only display data from the master table.

The [DataView](#) property must be set at design time; it cannot be changed at run time.

The following methods are provided for manipulating hierarchical grid displays:

Method	Description
<a href="#">GetBand</a>	Returns the band for a specified column index.
<a href="#">CollapseBand</a>	Collapses all rows for the specified band.
<a href="#">ExpandBand</a>	Expands all rows for the specified band.
<a href="#">RowExpanded</a>	Returns <b>True</b> if the current row is expanded within the specified band.

If the number of recordset levels in a master-detail data source is not known in advance, examine the [Bands](#) property in code. Allowable band numbers range from 0 to [Bands - 1](#).

The following events enable the application to respond to hierarchical view operation initiated by the user:

Event	Description
<a href="#">Collapse</a>	Fired when a band is collapsed by a user.
<a href="#">Expand</a>	Fired when a band is expanded by a user.

### Drop-Down Hierarchical Data Display

**True DBGrid for WinForms** allows you to display a master/child relationship between data sources in such a way that the child data records are available from within the master table in a completely new **True DBGrid**. By simply setting the [ChildGrid](#) property to connect two grid controls and a few lines of code, you can create a fully editable drop-down child that appears within the master table with a simple click.

Assuming that your hierarchical dataset is already configured, you can create the master/child relationship by selecting **C1TrueDBGrid2** in the **ChildGrid** property of **C1TrueDBGrid1**.

Notice that **C1TrueDBGrid2** is rendered invisible and there is an expand icon ("+") beside the left most cell in each row. The master table contains a list of composers including vital statistics. Note, that as you scroll right, the expand icon remains in the left most cell at all times.

Composers				
Last	First	Country	Birth	
[+] Albeniz	Isaac	Spain	5/29/1860	E
[+] Bach	Johann Sebastian	Germany		
[+] Barber	Samuel	United States	3/9/1910	S
[+] Bartok	Bela	Hungary	3/25/1881	B
[+] Beethoven	Ludwig van	Germany	12/16/1770	E
[+] Berg	Alban	Austria	2/9/1885	12
[+] Berio	Luciano	Italy	10/10/1925	
[+] Berlioz	Hector	France	12/11/1803	
[+] Bernstein	Leonard	United States	8/25/1918	
[+] Bizet	Georges	France	10/25/1838	
[+] Bloch	Ernest	Switzerland	7/24/1880	B
[+] Borodin	Alexander	Russia	11/12/1833	B
[+] Brahms	Johannes	Germany	5/7/1833	

By left clicking on any of the expand icons, our child table appears in a drop-down window. In this case, the drop-down window lists the written works of the specific composer that you expanded.

**TrueDBGrid Master/Child Relationship**

Composers				
Last	First	Country	Birth	Death
+ Albeniz	Isaac	Spain	5/29/1860	
+ Bach	Johann Sebastian	Germany		
► Barber	Samuel	United States	3/9/1910	
	Last	Opus	3/25/1881	
	► Barber	Adagio for Strings	12/16/1770	
	Barber	Medea's Meditation a	2/9/1885	12/11/1803
	Barber	Overture to "The Sch	10/10/1925	
	Barber	Second Essay for Orc	12/11/1803	
+ Bernstein	Leonard	United States	8/25/1918	
+ Bizet	Georges	France	10/25/1838	
+ Bloch	Ernest	Switzerland	7/24/1880	
+ Borodin	Alexander	Russia	11/12/1833	
+ Brahms	Johannes	Germany	5/7/1833	
+ Dvorak	Antonin	Czech Republic	11/12/1841	

This demonstrates how very simple it is to attach a child grid to its master grid and display hierarchical data in a convenient display.

### Form Data Display

In situations where you would like to display data one record at a time, you can set the [DataView](#) property to [DataViewEnum.Form](#). You can set this property either in the designer or in code to display data in an editable form similar to the one in the following illustration.

**Composers**

First	Isaac
Last	Albeniz
Country	Spain
Birth	5/29/1860
Death	5/18/1909

To adjust the width of the data column area or the caption column area, change the [ViewColumnWidth](#) and [ViewCaptionWidth](#) properties to create the appropriate column spacing.

### Inverted Data Display

The inverted option of the [DataView](#) property inverts each row in your data into columns. In effect, the leftmost column becomes the top row, the second column becomes the second row, and so forth. Use this display to maximize screen real estate for tables that have many columns. Set the

`DataView` property to `DataViewEnum.Inverted` to display an inverted grid as depicted in the following illustration.

Composers				
First	Isaac	Johann Sebastian	Samuel	Bela
Last	Albeniz	Bach	Barber	Bartok
Country	Spain	Germany	United States	Hungary
Birth	5/29/1860		3/9/1910	3/25/1
Death	5/18/1909			9/26/1

To adjust the width of the data column area or the caption column area, you can change the `ViewColumnWidth` and `ViewCaptionWidth` properties to create the appropriate column spacing.

### Multiple Line Data Display

Normally, a record is displayed in a single row in the grid. If the grid is not wide enough to display all of the columns in the record, a horizontal scroll bar automatically appears to enable users to scroll columns in and out of view. For discussion purposes, the following will be distinguished:

- A **line** in a grid is a single *physical row* of cells displayed in the grid. Do not confuse this with a line of text inside a grid cell; depending upon the settings of the `RowHeight` and `WrapText` properties, data in a grid cell may be displayed in multiple lines of text.
- A **row** in a grid is used to display a single record. A row may contain multiple lines or multiple *physical rows*.

Setting the `DataView` property to `DataViewEnum.MultipleLines` will display every field of data in the dataset in the available grid area. If the dataset contains more fields than can fit in the grid area, then a single record will span multiple lines. This enables the end user to simultaneously view all of the columns (fields) of a record within the width of the grid without scrolling horizontally:

Composers		
First	Last	Country
Birth	Death	
Isaac	Albeniz	Spain
5/29/1860		5/18/1909
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
	3/9/1910	
Bela	Bartok	Hungary

You can adjust resulting column layout at either design time or run time by changing the widths and orders of the columns. When changing the width of a column, the grid will only increase the

size of the column at the expense of the other columns in the line. Unlike previous versions of the grid, the columns will not wrap to another line if a column is resized.

To change the order of the columns while in MultipleLine view, click and drag the column header to the new position. A red arrow should indicate where the column is to be placed. After the column has been dropped, the grid will reposition the columns accordingly.

Note that you can specify a multiple line mode in which the grid does scroll horizontally by setting the [DataView](#) property to [DataViewEnum.MultipleLinesFixed](#), see [Multiple Line Fixed Data Display](#) for more information.

 **Note:** At design time, if the [HScrollBar](#) and [VScrollBar](#) style property is set to [ScrollBarStyleEnum.Automatic](#), and the [DataView](#) property is set to [DataViewEnum.MultipleLines](#), a vertical scroll bar appears even though no data is displayed. This is done so the width of the scroll bar can be taken into account when adjusting columns at design time.

## See Also

### [Implications of Multiple-Line Mode](#)

#### *[Implications of Multiple-Line Mode](#)*

Existing row-related properties, methods, and events fit well with the earlier definitions of records, rows, and lines (with two exceptions to be described later). For example:

- The [VisibleRows](#) property returns the number of visible rows or records displayed on the grid—not the number of visible lines. If a row spans 2 lines, and the [VisibleRows](#) property is 5, then there are 10 visible lines displayed on the grid.
- The [RowTop](#) method accepts a row number argument ranging from 0 to [VisibleRows](#) - 1. If a row spans 2 lines, then [RowTop](#) returns the position of the top of the third displayed row (that is, the fifth displayed line).
- The [RowResize](#) event will be fired whenever a row is resized by the user at run time. In fact, at the record selector column, only row divider boundaries are displayed; thus, the user can only resize rows, not lines.

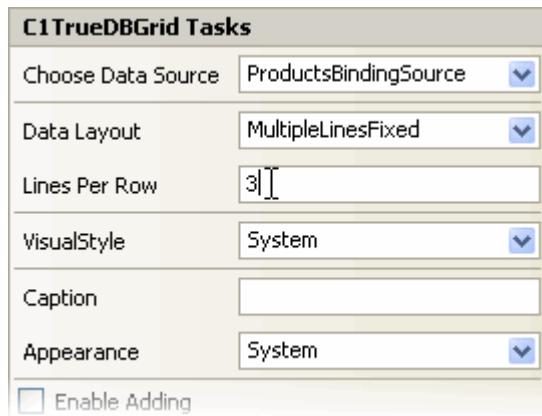
Other row-related properties, methods, and events can be interpreted similarly. There are two exceptions:

1. The first is the [RowHeight](#) property. The [RowHeight](#) property returns the height of a cell or a line, **not** the height of a row. Changing this property would break users' existing code.
2. The second is more of a limitation than an exception. Currently the dividers between rows and lines are the same. When the [RowDivider](#) object's style property is changed, all dividers between rows and lines change to the same style. That is, different dividers cannot exist for rows and for lines.

## Multiple Line Fixed Data Display

Setting the [DataView](#) property to [DataViewEnum.MultipleLines](#) enables the end user to simultaneously view all of the columns (fields) of a record within the width of the grid without scrolling horizontally. But if you want to have more control over the multiple line data view, including visible horizontal scroll bars, you can set the [DataView](#) property to [DataViewEnum.MultipleLinesFixed](#) instead.

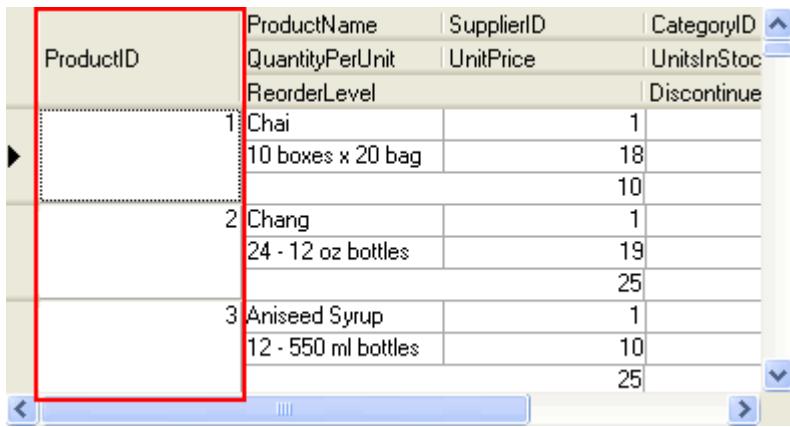
The [DataViewEnum.MultipleLinesFixed](#) data view is very similar to the [DataViewEnum.MultipleLines](#) data view but the number of subrows does not change once set. The number of subrows can be set using the [LinesPerRow](#) property which can be set at code or in the **C1TrueDBGrid Tasks** menu:



Row widths in this [DataView](#) are not constrained by the width of the grid; if the sub of the column width is greater than the client width of the grid you will now get a horizontal scrollbar:

ProductID	ProductName	SupplierID	CategoryID
QuantityPerUnit	UnitPrice	UnitsInStock	UnitsOnOrder
ReorderLevel		Discontinued	
1	Chai	1	
10 boxes x 20 bag		39	
	10		
2	Chang	1	
24 - 12 oz bottles		17	
	25		
3	Aniseed Syrup	1	
12 - 550 ml bottles		13	
	25		

Note that you can also merge the left-most column. Setting the [Merge](#) property allows the left-most column to span the height of the row. For example in the image below, the *ProductID* column spans the row:



A screenshot of a Windows application window titled "Owner-Drawn Cells". Inside, there is a grid control displaying data from a database table. The columns are labeled "ProductID", "ProductName", "SupplierID", and "CategoryID". The first column, "ProductID", has its cells merged together, which is highlighted by a red rectangular selection box. The data rows show products like Chai, Chang, and Aniseed Syrup with their respective details.

ProductID	ProductName	SupplierID	CategoryID
	QuantityPerUnit	UnitPrice	UnitsInStock
	ReorderLevel		Discontinued
1	Chai	1	
	10 boxes x 20 bag	18	
		10	
2	Chang	1	
	24 - 12 oz bottles	19	
		25	
3	Aniseed Syrup	1	
	12 - 550 ml bottles	10	
		25	

 **Note:** The merge property is only applicable for the left-most columns in the grid.

## Owner-Drawn Cells

For cases where complex per-cell customizations need to be performed you can render the contents of the cell by writing a handler for the [OwnerDrawCell](#) event. This event is raised as needed to display the contents of cells that have their [OwnerDraw](#) property set to **True**.



A screenshot of a Windows application window titled "Owner-Drawn Cells". Inside, there is a grid control displaying data from a database table. The columns are labeled "First", "Last", "Country", and "Birth". The first column, "First", has its cells rendered by an owner-drawn handler, giving them a specific color scheme and appearance compared to the other columns. The data rows show various names and their birthplace and birth year.

First	Last	Country	Birth	
Isaac	Albeniz	Spain	5/29/1860	E
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	S
Ludwig van	Beethoven	Germany	12/16/1770	S
Alban	Berg	Austria	2/9/1885	12
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	
Ernest	Bloch	Switzerland	7/24/1880	7
Alexander	Borodin	Russia	11/12/1833	2
Johannes	Brahms	Germany	5/7/1833	
Benjamin	Britten	England	11/22/1913	1
Maurice	Ravel	France	1/28/1875	1

To create the owner-drawn cells in the above illustration, complete the following:

1. Set the [OwnerDraw](#) property to **True** for the *First* column either in the designer or in code:

## In the Designer

- Open the **C1TrueDBGrid Designer** by selecting **Designer** from the **C1TrueDBGrid Tasks** menu.
- Select the *First* column in the grid by clicking on it in the right pane.

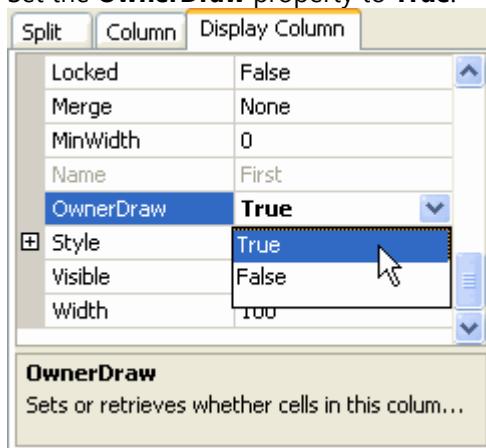


First	Last	Country
First	Last	Country
First	Last	Country

The column can also be selected by choosing *First* from the drop-down list in the toolbar.



- Click the **Display Column** tab in the left pane.
- Set the **OwnerDraw** property to **True**.



- Click **OK** to close the editor.

## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("First").OwnerDraw = True
```

[To write code in C#](#)

C#

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns["First"].OwnerDraw = true;
```

2. Declare the structure RECT in the general declarations of the form:

To write code in Visual Basic

Visual Basic	
<pre>Public Structure RECT     Dim Left As Long     Dim Top As Long     Dim Right As Long     Dim Bottom As Long End Structure</pre>	

```
Public Structure RECT
    Dim Left As Long
    Dim Top As Long
    Dim Right As Long
    Dim Bottom As Long
End Structure
```

To write code in C#

C#	
<pre>public struct RECT{     long Left;     long Top;     long Right;     long Bottom; }</pre>	

```
public struct RECT{
    long Left;
    long Top;
    long Right;
    long Bottom;
}
```

3. Implement the **OwnerDrawCell** event as follows:

To write code in Visual Basic

Visual Basic	
<pre>Private Sub C1TrueDBGrid1_OwnerDrawCell(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.OwnerDrawCellEventArgs) Handles C1TrueDBGrid1.OwnerDrawCell     If e.Col = 0 Then          ' Create a gradient brush, blue to red.         Dim pt1, pt2 As Point         pt1 = New Point(e.CellRect.X, e.CellRect.Y)</pre>	

```
Private Sub C1TrueDBGrid1_OwnerDrawCell(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.OwnerDrawCellEventArgs) Handles C1TrueDBGrid1.OwnerDrawCell
    If e.Col = 0 Then

        ' Create a gradient brush, blue to red.
        Dim pt1, pt2 As Point
        pt1 = New Point(e.CellRect.X, e.CellRect.Y)
```

```

        pt2 = New Point(e.CellRect.Right, e.CellRect.Y)
        Dim linGrBrush As System.Drawing.Drawing2D.LinearGradientBrush
        linGrBrush = New System.Drawing.Drawing2D.LinearGradientBrush(pt1, pt2,
Color.Blue, Color.Red)

        Dim rt As RectangleF
        rt = New RectangleF(e.CellRect.X, e.CellRect.Y, e.CellRect.Width,
e.CellRect.Height)

        ' Fill the cell rectangle with the gradient.
        e.Graphics.FillRectangle(linGrBrush, e.CellRect)

        Dim whiteBR As Brush
        whiteBR = New SolidBrush(Color.White)
        Dim dispCol As C1.Win.C1TrueDBGrid.C1DisplayColumn
        dispCol = Me.C1TrueDBGrid1.Splits(0).DisplayColumns(e.Col)

        ' Center the text horizontally.
        Dim sfmt As New StringFormat()
        sfmt.Alignment = StringAlignment.Center

        ' Draw the text.
        e.Graphics.DrawString(dispCol.DataColumn.CellText(e.Row),
dispCol.Style.Font, whiteBR, rt, sfmt)
        whiteBR.Dispose()

        ' Let the grid know the event was handled.
        e.Handled = True
    End If
End Sub

```

To write code in C#

C#	
----	--

```

private void C1TrueDBGrid1_OwnerDrawCell(object sender,
C1.Win.C1TrueDBGrid.OwnerDrawCellEventArgs e)
{

```

```

if ( e.Col = 0 )
{
    // Create a gradient brush, blue to red.
    Point pt1, pt2;
    pt1 = new Point[e.CellRect.X, e.CellRect.Y];
    pt2 = new Point[e.CellRect.Right, e.CellRect.Y];
    System.Drawing.Drawing2D.LinearGradientBrush linGrBrush;
    linGrBrush = new System.Drawing.Drawing2D.LinearGradientBrush(pt1, pt2,
Color.Blue, Color.Red);

    RectangleF rt;
    rt = new RectangleF(e.CellRect.X, e.CellRect.Y, e.CellRect.Width,
e.CellRect.Height);

    // Fill the cell rectangle with the gradient.
    e.Graphics.FillRectangle(linGrBrush, e.CellRect);

    Brush whiteBR;
    whiteBR = new SolidBrush(Color.White);
    C1.Win.C1TrueDBGrid.C1DisplayColumn dispCol;
    dispCol = this.c1TrueDBGrid1.Splits[0].DisplayColumns[e.Col];

    // Center the text horizontally.
    StringFormat fmt = new StringFormat();
    fmt.Alignment = StringAlignment.Center;

    // Draw the text.
    e.Graphics.DrawString(dispCol.DataColumn.CellText[e.Row],
dispCol.Style.Font, whiteBR, rt, fmt);
    whiteBR.Dispose();

    // Let the grid know the event was handled.
    e.Handled = true;
}

}

```

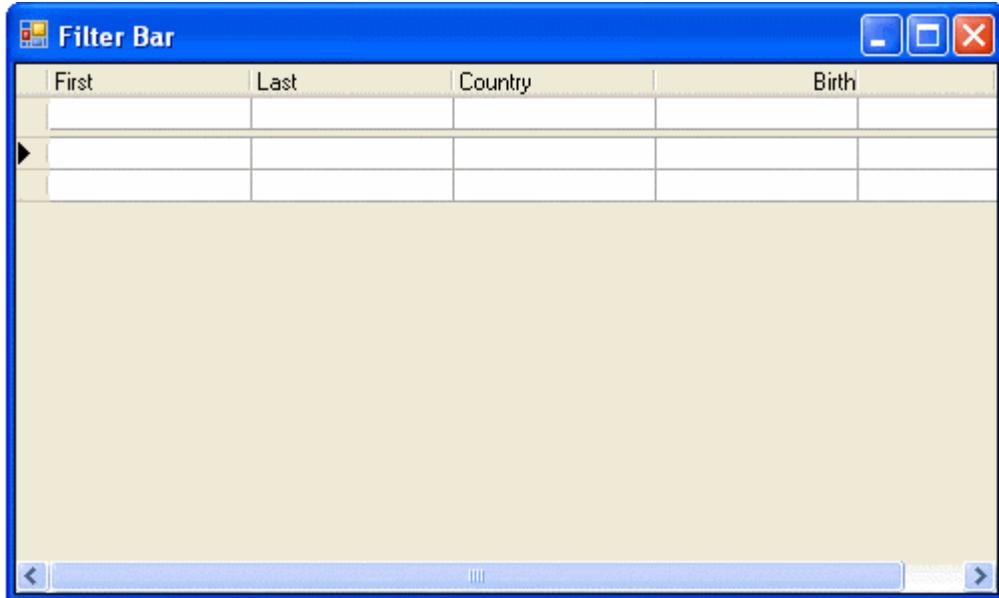
There are a couple key points worth noting in this example:

- If the [Handled](#) property is set to **True**, the grid will **not** fill in the cell's background, nor will it display cell text or graphics. Therefore, you are responsible for filling in the **entire cell**, even if there is no data to display.
- Even a relatively simple example such as the one illustrated here requires a fair amount of coding, so consider using background bitmaps instead of owner-drawn cells if possible.

## Filtering Data in DataSets

In some cases, you might want to allow users to filter the underlying recordset at run time by limiting the number of items in a given field or fields. By using the [FilterBar](#) and [AllowFilter](#) properties at design time, and entering the filter text appropriately at run time, the number of field entries can be reduced almost effortlessly.

When the [FilterBar](#) property of a [C1TrueDBGrid](#) control is set to **True**, a blank row with a gray separator line appears directly above the uppermost data row in the grid:



In order to implement the filter in the grid, the [AllowFilter](#) property must be set to **True** (default), which will tell the grid to implement the filtering process.

If the [FilterBar](#) and [AllowFilter](#) properties are both set to **True**, the filter bar will appear in the grid and the grid will also handle automatically the handling of the [DataSet](#).

## See Also

[Manually Filtering Data](#)

[Adding a Watermark to the Filter Bar](#)

## Filtering the Grid with Multiple Criteria

### Adding a Filter Drop-Down List

### Condition Filtering

### Custom Filtering

## Manually Filtering Data

In the event that you would prefer to handle the filtering process yourself, leaving the `AllowFilter` property as `False` will not implement the grid's automatic filter. In order to create a filter, the `FilterChange` event, must be used to manually sort the data. This event fires whenever the user changes the state of the filter bar.

In this event, a handler would have to be created which filters the dataset for each character the user enters. For example, if the user types "B" in a filter bar cell, the underlying dataset would have to be limited to just those column items whose values start with the letter B. If the user then extended the filter to "BR", then the list would have to be reduced to only those whose values that start with BR.

First	Last	Country	Birth
	b		
► Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/1910
Bela	Bartok	Hungary	3/25/1881
Ludwig van	Beethoven	Germany	12/16/1770
Alban	Berg	Austria	2/9/1885
Luciano	Berio	Italy	10/10/1925
Hector	Berlioz	France	12/11/1803
Leonard	Bernstein	United States	8/25/1918
Georges	Bizet	France	10/25/1838
Ernest	Bloch	Switzerland	7/24/1880
Alexander	Borodin	Russia	11/12/1833
Johannes	Brahms	Germany	5/7/1833
Benjamin	Britten	England	11/22/1913

## Adding a Watermark to the Filter Bar

You can now easily add a text watermark to the filter bar so that it appears with default text. You can use this watermark to add instructions for filtering text, or adding default values to give users a better understanding of what values can be entered in particular filter bar cells. All you need to do to have text appear in the filter bar is set the `FilterWatermark` property to a string.

For example in the following code, the `FilterWatermark` in the first filter bar cell is set to "Filter Me":

To write code in Visual Basic

Visual Basic

```
' Set the C1 DataColumn.FilterWatermark property of the first column.  
Me.C1TrueDBGrid1.Columns(0).FilterWatermark = "Filter Me"
```

To write code in C#

C#

```
// Set the C1 DataColumn.FilterWatermark property of the first column.  
this.c1TrueDBGrid1.Columns[0].FilterWatermark = "Filter Me";
```

Notice that the background color of the filter bar cell with a watermark has changed:

First	Last	Country	
Filter Me			
Isaac	Albeniz	Spain	5/29/
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/
Bela	Bartok	Hungary	3/25/
Ludwig van	Beethoven	Germany	12/16/
Alban	Berg	Austria	2/9/
Luciano	Berio	Italy	10/10/
Hector	Berlioz	France	12/11/
Leonard	Bernstein	United States	8/25/
Georges	Bizet	France	10/25/

In the following code, the [FilterWatermark](#) is set to the value of each column's caption text:

To write code in Visual Basic

Visual Basic

```
Dim colcount As Integer  
colcount = 0  
While C1TrueDBGrid1.Columns.Count > colcount  
    ' Set the C1 DataColumn.FilterWatermark property of each column to its caption.
```

```
C1TrueDBGrid1.Columns(colcount).FilterWatermark =
C1TrueDBGrid1.Columns(colcount).Caption
colcount = colcount + 1
End While
```

To write code in C#

C#

```
int colcount;
colcount = 0;
while (c1TrueDBGrid1.Columns.Count > colcount)
{
    // Set the C1DataColumn.FilterWatermark property of each column to its
    caption.
    this.c1TrueDBGrid1.Columns[colcount].FilterWatermark =
    c1TrueDBGrid1.Columns[colcount].Caption;
    colcount = colcount + 1;
}
```

The grid appears like the following:

First	Last	Country	
First	Last	Country	Birth
Isaac	Albeniz	Spain	5/29/
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/
Bela	Bartok	Hungary	3/25/
Ludwig van	Beethoven	Germany	12/16/
Alban	Berg	Austria	2/9/
Luciano	Berio	Italy	10/10/
Hector	Berlioz	France	12/11/
Leonard	Bernstein	United States	8/25/
Georges	Bizet	France	10/25/

Notice that when text is filtered, the watermark is no longer visible:

First	Last	Country	Birth
First	ba	Country	Birth
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/191
Bela	Bartok	Hungary	3/25/188

You can change the appearance of the style of the [FilterWatermark](#) using the [FilterWatermarkStyle](#) property. See [How to Use Styles](#) for more information about styles.

### Filtering the Grid with Multiple Criteria

You can now easily filter the grid with multiple filter criteria at run time. For example, you can filter the grid so that only items starting with the letter A or the letter B appear in the grid (instead of limiting the filter to one or the other). All you need to do to have text appear in the filter bar is set the [FilterMultiSelect](#) property to **True**.

For example in the following code, the [FilterMultiSelect](#) property in the first filter bar cell is set to **True**:

To write code in Visual Basic

Visual Basic

```
' Display the filter bar.
Me.C1TrueDBGrid1.FilterBar = True
' Allow the first column to be filtered by multiple items.
Me.C1TrueDBGrid1.Columns(0).FilterMultiSelect = True
```

To write code in C#

C#

```
// Display the filter bar.
this.c1TrueDBGrid1.FilterBar = true;
```

```
// Allow the first column to be filtered by multiple items.  
this.c1TrueDBGrid1.Columns[0].FilterMultiSelect = true;
```

If you run the application, you'll notice that you can filter the first cell with multiple criteria. For example type "a,b" in the filter bar and notice that items starting with the letter A and the letter B are displayed. You can customize the character used for separating filter items by setting the [FilterSeparator](#) property.

### Adding a Filter Drop-Down List

In addition to the filter bar, you can also include a drop-down filter list in the filter bar. The drop-down list lists every item in that column and provides a simple way that users can choose what items to filter the column by without entering their own value.

For example in the following code, the [FilterDropDown](#) property in the second filter bar cell is set to **True**:

To write code in Visual Basic

Visual Basic

```
' Display the filter bar.  
Me.C1TrueDBGrid1.FilterBar = True  
' Allow the first column to be filtered by multiple items.  
Me.C1TrueDBGrid1.Columns(1).FilterDropDown = True  
' Allow the first column to be filtered by multiple items.  
Me.C1TrueDBGrid1.Columns(1).FilterMultiSelect = True
```

To write code in C#

C#

```
// Display the filter bar.  
this.c1TrueDBGrid1.FilterBar = true;  
// Allow the first column to be filtered by multiple items.  
this.c1TrueDBGrid1.Columns[1].FilterDropDown = true;  
// Allow the first column to be filtered by multiple items.  
this.c1TrueDBGrid1.Columns[1].FilterMultiSelect = true;
```

If you run the application, you'll notice that you can select the filter drop-down list to choose what to filter the column by:

Product	Category	Quantity
Chai	(All)	10 boxes x 20 bag
Chang	Beverages	- 12 oz bottles
Aniseed Syrup	Condiments	- 550 ml bottles
Chef Anton's Caju	Confections	- 6 oz jars
Chef Anton's Gum	Dairy Products	boxes
Grandma's Boysen	Grains/Cereals	- 8 oz jars
Uncle Bob's Organ	Meat/Poultry	- 1 lb pkgs.
Northwoods Cranb	Produce	- 12 oz jars
Mishi Kobe Niku		500 g pkgs.
Ikura	Seafood	12 - 200 ml jars
Queso Cabrales	Dairy Products	1 kg pkg.

Click check boxes to choose items that will be displayed. Checked items will be displayed and items with cleared check boxes will not be displayed. Click the **Apply** button in the filter bar to apply the filter criteria. Click the **Clear** button to clear the filter. Click the **Close** button to close the drop-down list.

### Condition Filtering

ComponentOne True DBGrid for WinForms now includes flexible conditional filtering similar to the **FlexGrid for WinForms** style of filtering.

ProductName	QuantityPerUnit	UnitPrice	Unit
(Select All)			
Alice Mutton			
Aniseed Syrup			
Boston Crab Meat			
Camembert Pierrot			
Carnarvon Tigers			
Chai			
Chang			
<input type="button" value="Text Filter"/> <input type="button" value="Apply"/> <input type="button" value="Clear"/> <input type="button" value="Cancel"/>			
Konbu	2 kg box	6	
Tofu	40 - 100 g pkgs.	23.25	
Genen Shouyu	24 - 250 ml bottles	15.5	

If you set the **FilterBar** property to **False**, and the **FilterDropdown** property to **True**, the **C1TrueDBGrid** control will allow using the new filters in the column.

To write code in Visual Basic

Visual Basic

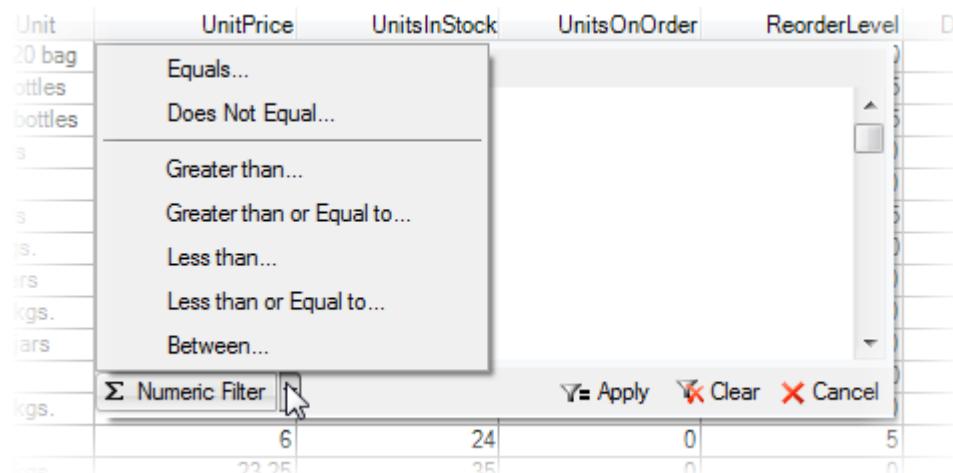
```
' Do not display the filter bar.
Me.C1TrueDBGrid1.FilterBar = False
' Allow the first column to be filtered by multiple items.
Me.C1TrueDBGrid1.Columns(1).FilterDropDown = True
```

To write code in C#

C#

```
// Do not display the filter bar.
this.c1TrueDBGrid1.FilterBar = false;
// Allow the first column to be filtered by multiple items.
this.c1TrueDBGrid1.Columns[1].FilterDropDown = true;
```

The data filtering feature follows the pattern used by **C1FlexGrid**. When users move the mouse over column headers, the grid displays a filter icon on the header. Clicking the icon invokes the filter editor which selects the data that should be displayed. Every column has a filter, and rows must pass all filters in order to be displayed.



The built-in filters include the value filter, which allows users to select specific values for display, as well as a condition filter, which allows them to specify up to two conditions using operators such as "greater than", "starts with", or "contains". This type of filter is recommended for filtering columns that contain "continuous" values such as numeric or date/time values.

Init	UnitPrice ✓	UnitsInStock	UnitsOnOrder	ReorderLevel	Disc%
Show rows where the value					
	Is Less than	50			
	<input checked="" type="radio"/> And <input type="radio"/> Or				
	Is Greater than	10			
	<span style="border: 1px solid #ccc; padding: 2px;">Value Filter</span> <span style="margin-left: 10px;">Apply</span> <span style="margin-left: 10px;">Clear</span> <span style="margin-left: 10px;">Cancel</span>				
	17.45	29	0	10	

Columns that have filters applied display the filter icon on their headers even when the mouse is not over them.

Init	UnitPrice ✓	U
0 bag	18	
tles	19	
	22	

## Custom Filtering

You can create your own filtering method using the [FilterDefinition](#) property to save/load custom filters in code.

You can apply one of a few pre-defined filters by reading the [FilterDefinition](#) property from a xml file like the following:

[To write code in Visual Basic](#)

Visual Basic	
	<pre>Private Sub ReadFilter(name As String)     c1TrueDBGrid1.Splits(0).FilterDefinition = System.IO.File.ReadAllText(name &amp; ".xml") End Sub</pre>

[To write code in C#](#)

C#	
----	--

```
void ReadFilter(string name)
{
    c1TrueDBGrid1.Splits[0].FilterDefinition = System.IO.File.ReadAllText(name +
".xml");
}
```

The custom filter can then be applied to the grid and saved as custom like the following:

[To write code in Visual Basic](#)

Visual Basic

```
Private Sub SaveCustomFilter()
    System.IO.File.WriteAllText("custom.xml",
Me.c1TrueDBGrid1.Splits(0).FilterDefinition)
End Sub
```

[To write code in C#](#)

C#

```
void SaveCustomFilter()
{
    System.IO.File.WriteAllText("custom.xml",
this.c1TrueDBGrid1.Splits[0].FilterDefinition);
}
```



**Note:** For a complete sample using this FilterDefinition property, see the [FilterDefinitionTdbg](#) sample installed with **Studio for Winforms**.

## How to Use Splits

In **True DBGrid for WinForms**, a *split* is similar to the split window features of products such as Microsoft Excel and Word. Use splits to present data in multiple horizontal or vertical panes. These panes, or splits, can display data in different colors and fonts. The splits can scroll as a unit or individually and can display different sets of columns or the same set. Also use splits to prevent one or more columns or a set of rows from scrolling. Unlike other grid products, fixed (nonscrolling)

columns or rows in **True DBGrid for WinForms** do not have to be at the left edge of the grid, but can be at the right edge or anywhere in the middle. Multiple groups of fixed columns or rows can exist within a grid. Splits open up an endless variety of possibilities for presenting data to users of your applications.

Whenever you use **True DBGrid for WinForms**, you are always using a split. A grid always contains at least one horizontal split, and the default values for the split properties are set so splits can be ignored until needed. Therefore, skip this chapter if you do not need to create and manipulate more than one split within a grid.

Create and manipulate splits by working with [Split](#) objects and the [SplitCollection](#) object. Since an individual column can be visible in one split but hidden in another, each [Split](#) object maintains its own collection of columns, known as [C1DisplayColumnCollection](#). This collection provides complete control over the appearance of each split and the columns it contains.

## See Also

[Referencing Splits and their Properties](#)

[Split Matrix Notation](#)

[Creating and Removing Splits](#)

[Working with Columns in Splits](#)

[Sizing and Scaling Splits](#)

[Creating and Resizing Splits through User Interaction](#)

[Vertical Scrolling and Split Groups](#)

[Horizontal Scrolling and Fixed Columns](#)

[Navigation Across Splits](#)

## Referencing Splits and their Properties

A [C1TrueDBGrid](#) object initially contains a single horizontal split. If additional splits are created, you can determine or set the current split (that is, the split that has received focus) using the grid's [SplitIndex](#) property:

[To write code in Visual Basic](#)

Visual Basic

```

' Read the zero-based index of the current split.
Dim idx as Integer = Me.C1TrueDBGrid1.SplitIndex

' Set focus to the split with an index equal to Variable%.
Me.C1TrueDBGrid1.SplitIndex = idx

```

To write code in C#

C#

```

// Read the zero-based index of the current split.
int idx = this.c1TrueDBGrid1.SplitIndex;

// Set focus to the split with an index equal to Variable%.
this.c1TrueDBGrid1.SplitIndex = idx;

```

Each split in a grid is a different view of the same data source, and behaves just like an independent grid. If additional splits are created without customizing any of the split properties, all splits will be identical and each will behave very much like the original grid with one split.

Note that some properties, such as [RecordSelectors](#) and [MarqueeStyle](#), are supported by both the [C1TrueDBGrid](#) and [Split](#) objects. Three rules of thumb apply to properties that are common to a grid and its splits:

1. When you set or get the property of a [Split](#) object, you are accessing a specific split, and other splits in the same grid are not affected.
2. When you get the property of a [C1TrueDBGrid](#) object, you are accessing the same property within the current split.
3. When you set the property of a [C1TrueDBGrid](#) object, you are setting the same property within **all** splits.

To understand how these rules work in code, consider a grid with two horizontal splits, and assume that the current split index is 1. To determine which marquee style is in use, the following statements are equivalent:

To write code in Visual Basic

Visual Basic

```
marquee = Me.C1TrueDBGrid1.MarqueeStyle
```

```
marquee = Me.C1TrueDBGrid1.Splits(1).MarqueeStyle  
marquee = Me.C1TrueDBGrid1.Splits(Me.C1TrueDBGrid1.SplitIndex).MarqueeStyle
```

To write code in C#

C#	
----	--

```
marquee = this.c1TrueDBGrid1.MarqueeStyle;  
marquee = this.c1TrueDBGrid1.Splits[1].MarqueeStyle;  
marquee =  
this.c1TrueDBGrid1.Splits[this.csss1TrueDBGrid1.SplitIndex].MarqueeStyle;
```

To change the marquee style to a solid cell border for all of the splits in the grid, use:

To write code in Visual Basic

Visual Basic	
--------------	--

```
Me.C1TrueDBGrid1.MarqueeStyle = MarqueeEnum.SolidCellBorder
```

To write code in C#

C#	
----	--

```
this.c1TrueDBGrid1.MarqueeStyle = MarqueeEnum.SolidCellBorder;
```

Note that this statement is equivalent to:

To write code in Visual Basic

Visual Basic	
--------------	--

```
Me.C1TrueDBGrid1.Splits(0).MarqueeStyle = MarqueeEnum.SolidCellBorder  
Me.C1TrueDBGrid1.Splits(1).MarqueeStyle = MarqueeEnum.SolidCellBorder
```

To write code in C#

C#	
----	--

```
this.c1TrueDBGrid1.Splits(0).MarqueeStyle = MarqueeEnum.SolidCellBorder;  
this.c1TrueDBGrid1.Splits(1).MarqueeStyle = MarqueeEnum.SolidCellBorder;
```

Likewise, to set the marquee style of each split to a different value:

[To write code in Visual Basic](#)

Visual Basic	
--------------	--

```
Me.C1TrueDBGrid1.Splits(0).MarqueeStyle = MarqueeEnum.NoMarquee  
Me.C1TrueDBGrid1.Splits(1).MarqueeStyle = MarqueeEnum.FloatingEditor
```

[To write code in C#](#)

C#	
----	--

```
this.c1TrueDBGrid1.Splits(0).MarqueeStyle = MarqueeEnum.NoMarquee;  
this.c1TrueDBGrid1.Splits(1).MarqueeStyle = MarqueeEnum.FloatingEditor;
```

These rules apply only to a [C1TrueDBGrid](#) object and its associated [Split](#) objects. No other object pairs possess similar relationships.

### **Split Properties Common to C1TrueDBGrid**

The following properties, which are supported by both [Split](#) and [C1TrueDBGrid](#) objects, adhere to the rules described in the preceding section:

Property	Description
<a href="#">AllowColMove</a>	Enables interactive column movement.
<a href="#">AllowColSelect</a>	Enables interactive column selection.
<a href="#">AllowRowSelect</a>	Enables interactive row selection.
<a href="#">AllowRowSizing</a>	Enables interactive row resizing.

AlternatingRowStyle	Controls whether even/odd row styles are applied to a split.
CaptionStyle	Controls the caption style for a split.
CurrentCellVisible	Sets/returns modification status of the current cell.
ExtendRightColumn	Sets/returns extended right column for a split.
FetchRowStyles	Controls whether the <a href="#">FetchRowStyle</a> event will be fired.
FirstRow	Bookmark of row occupying first display line.
LeftCol	Returns the leftmost visible column.
MarqueeStyle	Sets/returns marquee style for a split.
RecordSelectors	Shows/hides selection panel at left border.

 **Note:** The [Caption](#) property is not included in this list, even though it is supported by both objects. Since grids and splits maintain separate caption bars, setting the **Caption** property of the grid does not apply the same string to each split caption.

### [Split-Only Properties Not Supported by C1TrueDBGrid](#)

The following properties are supported by [Split](#) objects but not by [C1TrueDBGrid](#). Therefore, to apply a value to the entire grid, set the value for each split individually.

Property	Description
AllowFocus	Allows cells within a split to receive focus.
HorizontalScrollGroup	Controls the horizontal scroll bar.
Locked	<b>True</b> if data entry is prohibited for a split.

<a href="#">SplitSize</a>	Sets/returns split width according to <a href="#">SizeMode</a> .
<a href="#">SplitSizeMode</a>	Controls whether a split is scalable or fixed size.
<a href="#">VerticalScrollGroup</a>	Controls the vertical scroll bar.

## Split Matrix Notation

When the grid contains both horizontal and vertical splits, it is said to be organized in a two-dimensional split matrix. Reference and access to the properties of the split objects in the matrix is accomplished with a two-dimensional matrix notation. The index for a particular split in a split matrix is the split row, then the column delimited by a comma. For instance, accessing the second vertical split (column) in the third horizontal split (row) would look like the following:

[To write code in Visual Basic](#)

Visual Basic	
	<pre>Me.C1TrueDBGrid1.Splits.Item(2,1).Style.ForeColor = System.Drawing.Color.Blue</pre>

[To write code in C#](#)

C#	
	<pre>this.c1TrueDBGrid1.Splits[2,1].Style.ForeColor = System.Drawing.Color.Blue;</pre>

 **Note:** Notice that the **Item** property is used in the previous example. When accessing a split through split matrix notation, the **Item** property must be explicitly specified. When accessing a split in a grid with a one-dimensional structure, the **Item** property is taken as implicit and can be omitted.

For instance, accessing the second split in a grid with only horizontal splits would look like the following:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Splits(1).Style.ForeColor = System.Drawing.Color.Blue
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Splits(1).Style.ForeColor = System.Drawing.Color.Blue;
```

## Creating and Removing Splits

In code, you must create and remove splits using the [RemoveHorizontalSplit](#), [InsertHorizontalSplit](#), [RemoveVerticalSplit](#), and [RemoveHorizontalSplit](#) methods. Each method takes a zero-based split index:

To write code in Visual Basic

Visual Basic

```
Dim S As C1TrueDBGrid.Split  
  
' Create a split with index 7.  
Me.C1TrueDBGrid1.InsertVerticalSplit(7)  
  
' Remove the split with index 5.  
Me.C1TrueDBGrid1.RemoveVerticalSplit(5)
```

To write code in C#

C#

```
C1TrueDBGrid.Split S;  
  
// Create a split with index 7.
```

```
this.c1TrueDBGrid1.InsertVerticalSplit(7);

// Remove the split with index 5.
this.c1TrueDBGrid1.RemoveVerticalSplit(5);
```

You can determine the number of splits in a grid using the [SplitCollection Count](#) property:

To write code in Visual Basic

Visual Basic

```
' Set variable equal to the number of splits in C1TrueDBGrid1.
variable = Me.C1TrueDBGrid1.Splits.Count
```

To write code in C#

C#

```
// Set variable equal to the number of splits in C1TrueDBGrid1.
variable = this.c1TrueDBGrid1.Splits.Count;
```

You can iterate through all splits using the **Count** property, for example:

To write code in Visual Basic

Visual Basic

```
For n = 0 To Me.C1TrueDBGrid1.Splits.Count - 1
    Debug.WriteLine (Me.C1TrueDBGrid1.Splits(n).Caption)
Next n
```

To write code in C#

C#

```
for (n = 0 ; n < this.c1TrueDBGrid1.Splits.Count; n++)
{
```

```
        Console.WriteLine (this.c1TrueDBGrid1.Splits[n].Caption);
    }
```

Of course, a more efficient way to code this would be to use a For Each...Next loop:

To write code in Visual Basic

Visual Basic

```
Dim S As C1TrueDBGrid.Split
For Each S In Me.C1TrueDBGrid1.Splits
    Debug.WriteLine (S.Caption)
Next
```

To write code in C#

C#

```
C1TrueDBGrid.Split S;
foreach (S In this.c1TrueDBGrid1.Splits)
{
    Console.WriteLine (S);
}
```

The new [Split](#) object will inherit all of its properties from the last object in the collection.

## Working with Columns in Splits

Each split in a **True DBGrid for WinForms** control maintains its own collection of columns. The [C1DisplayColumnCollection](#) object provides access to both split-specific display properties for columns inside a split. The split-specific properties of the [C1DisplayColumnCollection](#) allow for tremendous flexibility in controlling the look and behavior of individual splits. The grid is connected to a single data source, so the splits just present different views of the same data. Therefore, the [C1DisplayColumnCollection](#) in each split contains the same number of columns and the columns are bound to the same data fields.

However, the values of other [C1DisplayColumn](#) object properties, such as [Visible](#), may vary from split to split. These properties are said to be *split-specific*. For example, a column created in code is not visible by default. Thus, the *LastName* column created in the preceding example is invisible in all splits. The following code makes it visible in the second split:

To write code in Visual Basic

Visual Basic	
	<pre>Me.C1TrueDBGrid1.Splits(1).DisplayColumns("LastName").Visible = True</pre>

To write code in C#

C#	
	<pre>this.c1TrueDBGrid1.Splits(1).DisplayColumns("LastName").Visible = true;</pre>

Since [Visible](#) is a split-specific property, the *LastName* column remains invisible in other splits.

## Sizing and Scaling Splits

**True DBGrid for WinForms** provides full control over the size and scaling of individual splits. Configure a split to occupy an exact width or height, hold a fixed number of columns or rows, or adjust its size proportionally in relation to other splits. When initially starting out with **True DBGrid for WinForms** controls, splits can still be used in a variety of ways without having to master all of the details.

At run time, the actual size of a [Split](#) object depends upon its [SplitSize](#) and [SplitSizeMode](#) properties. The [SplitSizeMode](#) property specifies the unit of measurement; the [SplitSize](#) property specifies the number of units. **True DBGrid for WinForms** supports three different sizing modes for splits, as determined by the setting of the [SplitSizeMode](#) property:

Mode	Description
SizeModeEnum.Scalable	Denotes relative width in relation to other splits.
SizeModeEnum.Exact	Specifies a fixed width in container coordinates.
SizeModeEnum.NumberofColumns	Specifies a fixed number of columns.

A scalable split uses the value of its [SplitSize](#) property to determine the percentage of space the split will occupy. For any scalable split, the percentage is determined by dividing its [SplitSize](#) value by the sum of the [SplitSize](#) values of all other scalable splits. Thus, consider the [SplitSize](#) property of a scalable split to be the numerator of a fraction, the denominator of which is the sum of the

scalable split sizes. Scalable splits compete for the space remaining after nonscalable splits have been allocated. By default, all splits are scalable, so they compete for the entire grid display region. SplitSizeMode is always **Scalable** when a grid contains only one split.

An exact split uses the value of its SplitSize property as its fixed width in container coordinates. Exact splits will be truncated if they will not fit within the horizontal grid boundaries. This mode is not applicable when a grid contains only one split.

A fixed-column split uses the SplitSize property to indicate the exact number of columns that should always be displayed within the split. These splits automatically reconfigure the entire grid if the size of the displayed columns changes (either by code or user interaction), or if columns in the split are scrolled horizontally so that the widths of the displayed columns are different. This mode is primarily used to create fixed columns that do not scroll horizontally. However, it can be used for a variety of other purposes as well. This mode is not applicable when a grid contains only one split.

Note that when there is only one split (the grid's default behavior), the split spans the entire width of the grid, the SplitSizeMode property is always **Scalable**, and the SplitSize property is always **1**. Setting either of these properties has no effect when there is only one split. If there are multiple splits, and then remove all but one so the SplitSizeMode and SplitSize properties of the remaining split automatically revert to 0 and 1, respectively.

By default, the SplitSizeMode property for a newly created split is [SizeModeEnum.Scalable](#), and the SplitSize property is set to 1. For example, two additional splits can be created with the following code:

[To write code in Visual Basic](#)

Visual Basic

```
' Create a Split on the left.  
Me.C1TrueDBGrid1.InsertHorizontalSplit(0)  
  
' Create another.  
Me.C1TrueDBGrid1.InsertHorizontalSplit(0)
```

[To write code in C#](#)

C#

```
// Create a Split on the left.
```

```

this.c1TrueDBGrid1.InsertHorizontalSplit(0);

// Create another.
this.c1TrueDBGrid1.InsertHorizontalSplit(0);

```

The resulting grid display will appear as follows:

The resulting grid display will appear as follows:

First	Last	First	Last	First	Last
Isaac	Albeniz	Johann Sebastian	Bach	Johann Sebastian	Bach
Johann Sebastian	Bach	Samuel	Barber	Samuel	Barber
Samuel	Barber	Bela	Bartok	Bela	Bartok
Bela	Bartok	Ludwig van	Beethoven	Ludwig van	Beethoven
Ludwig van	Beethoven	Alban	Berg	Alban	Berg
Alban	Berg	Luciano	Berio	Luciano	Berio
Luciano	Berio	Hector	Berlioz	Hector	Berlioz
Hector	Berlioz	Leonard	Bernstein	Leonard	Bernstein
Leonard	Bernstein	Georges	Bizet	Georges	Bizet
Georges	Bizet	Ernest	Bloch	Ernest	Bloch
Ernest	Bloch	Alexander	Borodin	Alexander	Borodin
Alexander	Borodin	Johannes	Brahms	Johannes	Brahms
Johannes	Brahms	Benjamin	Britten	Benjamin	Britten
Benjamin	Britten				

Notice that each split occupies 1/3 of the total grid space. This is because there are three scalable splits, and each split has a SplitSize of 1. If the sizes of the splits are changed to 1, 2, and 3, respectively:

To write code in Visual Basic

Visual Basic	
<pre> ' Change relative size to 1. Me.C1TrueDBGrid1.Splits(0).SplitSize = 1  ' Change relative size to 2. Me.C1TrueDBGrid1.Splits(1).SplitSize = 2  ' Change relative size to 3. Me.C1TrueDBGrid1.Splits(2).SplitSize = 3 </pre>	

To write code in C#

C#

```
// Change relative size to 1.  
this.c1TrueDBGrid1.Splits[0].SplitSize = 1;  
  
// Change relative size to 2.  
this.c1TrueDBGrid1.Splits[1].SplitSize = 2;  
  
// Change relative size to 3.  
this.c1TrueDBGrid1.Splits[2].SplitSize = 3;
```

The resulting grid display will appear as follows:

First	Last	First	Last	First	Last
Isaac	Albeniz	Isaac	Albeniz	Isaac	Albeniz
Johann Seba	Bach	Johann Sebastian	Bach	Johann Sebastian	Bach
Samuel	Barber	Samuel	Barber	Samuel	Barber
Bela	Bartok	Bela	Bartok	Bela	Bartok
Ludwig van	Beethov	Ludwig van	Beethov	Ludwig van	Beethoven
Alban	Berg	Alban	Berg	Alban	Berg
Luciano	Berio	Luciano	Berio	Luciano	Berio
Hector	Berlioz	Hector	Berlioz	Hector	Berlioz
Leonard	Bernstei	Leonard	Bernstei	Leonard	Bernstein
Georges	Bizet	Georges	Bizet	Georges	Bizet
Ernest	Bloch	Ernest	Bloch	Ernest	Bloch
Alexander	Borodin	Alexander	Borodin	Alexander	Borodin
Johannes	Brahms	Johannes	Brahms	Johannes	Brahms
Beniamin	Britten	Beniamin	Britten	Beniamin	Britten

Notice the sum of the split sizes ( $1+2+3$ ) is 6, so the size of each split is a fraction with the numerator being the value of its SplitSize property and a denominator of 6.

When a split's SplitSizeMode is set to [SizeModeEnum.Exact](#), that split receives space before the other splits. This behavior is somewhat more complex, but understanding how scalable splits work is helpful. For example, assume that splits are set in the following way:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.Splits(0).SplitSizeMode =
C1.Win.C1TrueDBGrid.SizeModeEnum.Scalable
Me.C1TrueDBGrid1.Splits(0).SplitSize = 1

Me.C1TrueDBGrid1.Splits(1).SplitSizeMode =
C1.Win.C1TrueDBGrid.SizeModeEnum.Exact
Me.C1TrueDBGrid1.Splits(1).SplitSize = 250

Me.C1TrueDBGrid1.Splits(2).SplitSizeMode =
C1.Win.C1TrueDBGrid.SizeModeEnum.Scalable
Me.C1TrueDBGrid1.Splits(2).SplitSize = 2
```

#### To write code in C#

C#	
<pre>this.c1TrueDBGrid1.Splits[0].SplitSizeMode = C1.Win.C1TrueDBGrid.SizeModeEnum.Scalable; this.c1TrueDBGrid1.Splits[0].SplitSize = 1;  this.c1TrueDBGrid1.Splits[1].SplitSizeMode = C1.Win.C1TrueDBGrid.SizeModeEnum.Exact; this.c1TrueDBGrid1.Splits[1].SplitSize = 250;  this.c1TrueDBGrid1.Splits[2].SplitSizeMode = C1.Win.C1TrueDBGrid.SizeModeEnum.Scalable; this.c1TrueDBGrid1.Splits[2].SplitSize = 2;</pre>	

After configuring the splits in this way, the resulting grid display will look like this.

The figure shows a Windows application window containing a grid of data. The grid has three horizontal splits. The middle split is fixed at 250 pixels wide. The outer two splits are scalable. Red arrows at the bottom indicate the proportions: 1/3 on the left, 250 Pixels in the center, and 2/3 on the right.

First	Last	Count	First	Last
Isaac	Albeniz	Spain	Johann Sebastian	Bach
Johann Sebastian	Bach	Germany	Samuel	Barber
Samuel	Barber	United States	Bela	Bartok
Bela	Bartok	Hungary	Ludwig van	Beethoven
Ludwig van	Beethoven	Germany	Alban	Berg
Alban	Berg	Austria	Luciano	Berio
Luciano	Berio	Italy	Hector	Berlioz
Hector	Berlioz	France	Leonard	Bernstein
Leonard	Bernstein	United States	Georges	Bizet
Georges	Bizet	France	Ernest	Bloch
Ernest	Bloch	Switzerland	Alexander	Borodin
Alexander	Borodin	Russia	Johannes	Brahms
Johannes	Brahms	Germany	Benjamin	Britton
Benjamin	Britton	England		

The fixed-size split in the middle (Split1) is configured to exactly 250 pixels, and the remaining splits compete for the space remaining in the grid. Since the remaining splits are both scalable splits, they divide the remaining space among themselves according to the percentages calculated using their SplitSize property values. So, the leftmost split occupies 1/3 of the **remaining** space, and the rightmost split occupies 2/3.

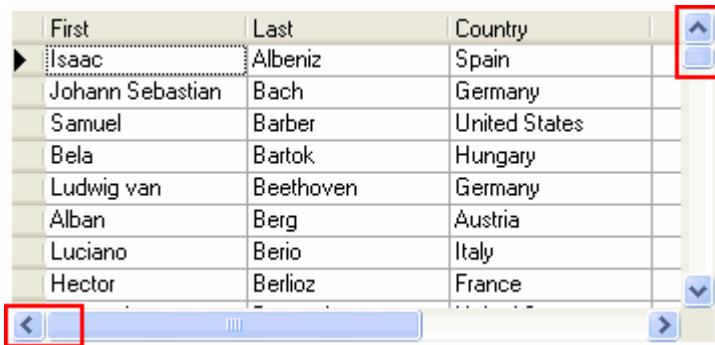
Splits with SplitSizeMode set to `SizeModeEnum.NumberOfColumns` behave almost identically to exact splits, except their size is determined by the width of an integral number of columns. The width, however, is dynamic, so resizing the columns or scrolling so that different columns are in view will cause the entire grid to reconfigure itself.

Avoid creating a grid with no scalable splits. Although **True DBGrid for WinForms** handles this situation, it is difficult to work with a grid configured in this way. For example, if no splits are scalable, all splits will have an exact size, which may not fill the entire horizontal width of the grid. If the total width of the splits is too short, **True DBGrid for WinForms** displays a "null-zone" where there are no splits. If the total width of the splits is wider than the grid, then **True DBGrid for WinForms** will show only the separator lines for the splits that cannot be shown.

## Creating and Resizing Splits through User Interaction

Splits can be created and resized in code. However, users can also create and resize splits interactively by setting the `AllowHorizontalSplit` or `AllowVerticalSplit` property of a grid to **True**. By default, both properties are set to **False**, preventing users from creating and resizing splits.

A typical grid with these properties set to **False** is shown in the following figure. Notice that there is no split box at the left edge of the horizontal scroll bar or at the top of the vertical scroll bar.



The new split will inherit its properties from the original split. The `SplitSizeMode` properties of both splits will be automatically set to `SizeModeEnum.Scalable`, regardless of the `SplitSizeMode` of the original split. The `SplitSize` properties of both splits will be set to the correct ratio of the splits' sizes. The values of the `SplitSize` properties may end up being rather large. This is because **True DBGrid for WinForms** needs to choose the least common denominator for the total split size, and the user may drag the pointer to an arbitrary position.

## Vertical Splits

If the split's `AllowVerticalSplit` property is set to **True**:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.AllowVerticalSplit = True
```

To write code in C#

C#

```
this.c1TrueDBGrid1.AllowVerticalSplit = true;
```

A split box will appear at the top edge of the vertical scroll bar, and when the cursor is over the split box, it will turn into a double horizontal bar with vertical arrows. Dragging the cursor down from the split box creates a new split.

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

Once a split has been created, dragging the cursor up or down adjusts the relative size of the splits.

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary

## Horizontal Splits

If the split's AllowHorizontalSplit property is set to **True**:

To write code in Visual Basic

Visual Basic

```
Me.C1TrueDBGrid1.AllowHorizontalSplit = True
```

To write code in C#

C#

```
this.c1TrueDBGrid1.AllowHorizontalSplit = true;
```

A split box will appear at the left edge of the horizontal scroll bar, and when the cursor is over the split box, it will turn into a double vertical bar with horizontal arrows. Dragging the cursor to the left from the split box creates a new split.

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy
Hector	Berlioz	France

Once a split has been created, dragging the cursor to the left or right adjusts the relative size of the splits.

First	First	Last	Co
Isaac	Isaac	Albeniz	Sp
Johann Sebastian	Johann Sebastian	Bach	Ge
Samuel	Samuel	Barber	Un
Bela	Bela	Bartok	Hu
Ludwig van	Ludwig van	Beethoven	Ge
Alban	Alban	Berg	Au
Luciano	Luciano	Berio	Ital
Hector	Hector	Berlioz	Fra

## Summary

Splits can always be created or resized in code, but the `AllowHorizontalSplit` and `AllowVerticalSplit` property control whether users can create or resize splits interactively at run time.

The user can resize the relative sizes of two splits only if both splits' `AllowSizing` properties are **True**. When the user completes a resize operation, the total size of the two splits remains unchanged, but the `SplitSizeMode` properties of both splits will automatically be set to `SizeModeEnum.Scalable` regardless of their previous settings. The `SplitSize` properties of the two splits will be set to reflect the ratio of their new sizes.

## Vertical Scrolling and Split Groups

By default, the grid has only one horizontal split, with split index 0, and its `HScrollBar` and `VScrollBar` style property is set to `ScrollBarStyleEnum.Automatic`. That is, the horizontal or vertical scroll bar will appear as necessary depending upon the column widths and the number of data rows available.

The default split's `HorizontalScrollGroup` and `VerticalScrollGroup` properties are set to 1. Splits

having the same scrollgroup property setting will scroll vertically or horizontally together. When a new split is created, it will inherit both the state of the scroll bars and the Scroll Group properties from the parent split. If all of the splits belonging to the same [HorizontalScrollGroup](#) or [VerticalScrollGroup](#) have their [HScrollBar](#) and [VScrollBar](#) style property is set to [ScrollBarStyleEnum.Automatic](#), then **True DBGrid for WinForms** will display the vertical scroll bar or horizontal scroll bar only at the rightmost or bottommost split of the scroll group. Manipulating this single scroll bar will cause all splits in the same scroll group to scroll simultaneously.

For example, two additional splits can be created with the following code:

To write code in Visual Basic

Visual Basic

```
' Create a Split at the left.  
Me.C1TrueDBGrid1.InsertHorizontalSplit(0)  
  
' Create another.  
Me.C1TrueDBGrid1.InsertHorizontalSplit(0)
```

To write code in C#

C#

```
// Create a Split at the left.  
this.c1TrueDBGrid1.InsertHorizontalSplit(0);  
  
// Create another.  
this.c1TrueDBGrid1.InsertHorizontalSplit(0);
```

The resulting grid display will display as follows:

First	First	First
Isaac	Isaac	Isaac
Johann Sebastian	Johann Sebastian	Johann Sebastian
Samuel	Samuel	Samuel
Bela	Bela	Bela
Ludwig van	Ludwig van	Ludwig van
Alban	Alban	Alban
Luciano	Luciano	Luciano
Hector	Hector	Hector

All three splits will have the same [HScrollBar](#) and [VScrollBar](#) settings and [VerticalScrollGroup](#) setting of **1**. However, only one vertical scroll bar will be displayed, within the rightmost split. When the user operates this scroll bar, all three splits will scroll simultaneously.

Vertical splits react in the same manner. After adding two vertical splits to the grid, all of the splits have the same [HorizontalScrollGroup](#) value of **1**. Thus there is only one horizontal scroll bar at the bottom of the grid, and if this scroll bar is scrolled all three splits will scroll simultaneously.

Country	Birth	Death
Spain	5/29/1860	5/18/1909
Germany		
United States	3/9/1910	
Hungary	3/25/1881	9/26/1945

Country	Birth	Death
Spain	5/29/1860	5/18/1909
Germany		
United States	3/9/1910	
Hungary	3/25/1881	9/26/1945

Country	Birth	Death
Spain	5/29/1860	5/18/1909
Germany		
United States	3/9/1910	
Hungary	3/25/1881	9/26/1945

Change one of the scroll group properties of the splits to create split groups that scroll independently. In the preceding example, setting the [HorizontalScrollGroup](#) property of the middle split to **2** creates a new scroll group:

[To write code in Visual Basic](#)

Visual Basic

```
Me.C1TrueDBGrid1.Splits.Item(0,1).HorizontalScrollGroup = 2
```

To write code in C#

C#

```
this.c1TrueDBGrid1.Splits[0,1].HorizontalScrollGroup = 2;
```

After this statement executes, scrolling the middle split will not disturb the others, as shown in the following figure.

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary

Country	Birth	Death
Spain	5/29/1860	5/18/1909
Germany		
United States	3/9/1910	

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
...	...	...

Note that the middle split now contains a horizontal scroll bar. This scroll bar operates only on the middle split, since it is the only one with its [HorizontalScrollGroup](#) property equal to 2. The horizontal scroll bar in the bottommost split now controls the bottom and top splits only. It no longer affects the middle split.

A common application of this feature is to create two independent split groups so that users can compare field values from different records by scrolling each split to view a different set of rows.

## Horizontal Scrolling and Fixed Columns

Scrolling is independent for each split. Often, one or more columns need to be prevented from scrolling horizontally or vertically so that the columns will always be in view. **True DBGrid for WinForms** provides an easy way to keep any number of columns from scrolling at any location within the grid (even in the middle!) by setting a few split properties.

As an example, with a grid with three horizontal splits, the following code will "fix" columns 0 and 1 in the middle split:

To write code in Visual Basic

Visual Basic

```
' Hide all columns in Splits(1) except for columns 0 and 1.  
Dim Cols As C1TrueDBGrid.C1DisplayColumnCollection  
Dim C As C1TrueDBGrid.C1DisplayColumn  
  
Cols = Me.C1TrueDBGrid1.Splits(1).DisplayColumns  
For Each C In Cols  
    C.Visible = False  
Next C  
Cols(0).Visible = True  
Cols(1).Visible = True  
  
' Configure Splits(1) to display exactly two columns, and disable resizing.  
With Me.C1TrueDBGrid1.Splits(1)  
    .SplitSizeMode =SizeModeEnum.NumberOfColumns  
    .SplitSize = 2  
    .AllowHorizontalSizing = False  
End With
```

To write code in C#

C#

```
// Hide all columns in Splits[1] except for columns 0 and 1.  
C1TrueDBGrid.C1DisplayColumnCollection Cols;  
C1TrueDBGrid.C1DisplayColumn C;  
  
Cols = this.c1TrueDBGrid1.Splits[1].DisplayColumns  
foreach (C In Cols)  
{  
    C.Visible = false;  
}  
Cols(0).Visible = true;  
Cols(1).Visible = true;  
  
// Configure Splits[1] to display exactly two columns, and disable resizing.
```

```
this.c1TrueDBGrid1.Splits[1].SplitSizeMode = SizeModeEnum.NumberOfColumns;
this.c1TrueDBGrid1.Splits[1].SplitSize = 2;
this.c1TrueDBGrid1.Splits[1].AllowHorizontalSizing = false;
```

Usually, if columns 0 and 1 are kept from scrolling in one split, it will be desirable to have them invisible in the other splits:

To write code in Visual Basic

Visual Basic

```
' Make columns 0 and 1 invisible in splits 0 and 2.
Dim Cols As C1TrueDBGrid.C1DisplayColumnCollection
Cols = Me.C1TrueDBGrid1.Splits(0).DisplayColumns
Cols(0).Visible = False
Cols(1).Visible = False
Cols = Me.C1TrueDBGrid1.Splits(2).DisplayColumns
Cols(0)Visible = False
Cols(1)Visible = False
```

To write code in C#

C#

```
// Make columns 0 and 1 invisible in splits 0 and 2.
C1TrueDBGrid.C1DisplayColumnCollection Cols;
Cols = this.c1TrueDBGrid1.Splits[0].DisplayColumns;
Cols[0].Visible = false;
Cols[1].Visible = false;
Cols = this.c1TrueDBGrid1.Splits[2].DisplayColumns;
Cols[0]Visible = false;
Cols[1]Visible = false;
```

## Navigation Across Splits

Navigation across splits is controlled by the grid's [TabAcrossSplits](#) property and each split's [AllowFocus](#) property. Navigation across splits is best discussed with grid navigation as a whole. For more information, please refer to [Run-Time Interaction](#).

## How to Use Styles

**ComponentOne True DBGrid for WinForms** uses a style model similar to that of Microsoft Word and Excel to simplify the task of customizing a grid's appearance. A [Style](#) object is a combination of font, color, picture, and formatting information comprising the following properties:

Property	Description
<a href="#">Alpha</a>	Gets or sets the alpha component when the style is rendered.
<a href="#">BackColor</a>	Gets or sets the background color associated with a Style.
<a href="#">BackColor2</a>	Gets or sets the background color associated with a Style.
<a href="#">BackgroundImage</a>	Gets or sets the background image associated with a Style.
<a href="#">BackgroundPictureDrawMode</a>	Gets or sets the rendering method for a BackgroundImage.
<a href="#">Borders</a>	Gets the <a href="#">GridBorders</a> associated with this Style.
<a href="#">Font</a>	Gets or sets the Font associated with a Style.
<a href="#">ForeColor</a>	Gets or sets the foreground color associated with a Style.
<a href="#">ForegroundImage</a>	Gets or sets the foreground image associated with a style.
<a href="#">ForeGroundPicturePosition</a>	Gets or sets the position that the <a href="#">ForegroundImage</a> is rendered.
<a href="#">GammaCorrection</a>	Gets or sets a value indicating whether gamma

	correction is enabled when a linear gradient style is rendered.
GradientMode	Specifies the direction of a linear gradient.
HorizontalAlignment	Gets or sets the horizontal text alignment.
Locked	Gets or sets a value indicating whether data entry is permitted for the associated object.
Name	Gets or sets the name of the Style.
Padding	Gets or sets the spacing between cell content and its edges.
Trimming	Gets or sets the trim characters for a string that does not completely fit into a layout shape.
VerticalAlignment	Gets or sets the vertical text alignment.
WrapText	Gets or sets a value indicating whether text is word-wrapped when it does not fit into a layout shape.

## See Also

[Built-In Named Styles](#)

[Working with Style Properties](#)

[Applying Styles to Cells](#)

[Applying Pictures to Grid Elements](#)

## Built-In Named Styles

When a grid is first created, it has a collection of built-in named styles that control various aspects of its display. For example, the Heading style determines the attributes used to display column headers. At design time, change the appearance of the grid as a whole by modifying the built-in named styles in the **C1TrueDBGrid Styles Editor**. At run time, the **GridStyleCollection** provides

access to the same set of named styles. Initially, all grids contain ten built-in styles, which control the display of the following grid elements:

Element	Description
<b>Caption</b>	Grid and split caption bars.
<b>Editor</b>	Cell editor within grid.
<b>EvenRow</b>	Data cells in even numbered rows.
<b>Filter Bar</b>	Data in the filter bar columns.
<b>Footer</b>	Column footers.
<b>Group</b>	Group columns in grid grouping area.
<b>Heading</b>	Column headers.
<b>HighlightRow</b>	Data cells in highlighted rows.
<b>Inactive</b>	Column headings when another column has focus.
<b>Normal</b>	Data cells in unselected, unhighlighted rows.
<b>OddRow</b>	Data cells in odd numbered rows.
<b>Record</b>	Data in the record selector column.
<b>Selector</b>	
<b>Selected</b>	Data cells in selected rows.

A *selected row* is one whose bookmark has been added to the [SelectedRowCollection](#), either in code or through user interaction. The term *highlighted row* refers to the current row when the [MarqueeStyle](#) property is set to [MarqueeEnum.HighlightRow](#) or [MarqueeEnum.HighlightRowRaiseCell](#).

The EvenRow and OddRow styles are used only when the `AlternatingRows` property is set to **True**.

## See Also

[Named Style Defaults](#)

[Named Style Inheritance](#)

[Modifying Named Styles](#)

### Named Style Defaults

As in Microsoft Word, a `Style` object in **True DBGrid** can inherit its characteristics from another style, referred to as the parent style. For a newly created grid, the Normal style is the parent (or grandparent) of all named styles. Its default properties are as follows:

Property	Setting
Alpha	255
BackColor	System.Drawing.Color.White
BackColor2	System.Drawing.Color.White
BackgroundImage	None
BackgroundPictureDrawMode	<i>BackgroundPictureDrawModeEnum.Stretch</i>
Font	Microsoft Sans Serif, 8.25pt
ForeColor	System.Drawing.Color.Black
ForegroundImage	None
ForeGroundPicturePosition	<i>ForegroundPicturePositionEnum.LeftOfText</i>
GammaCorrection	False
GradientMode	None

HorizontalAlignment	<i>AlignHorzEnum.General</i>
Locked	False
Padding	0, 0, 0, 0
Trimming	Character
VerticalAlignment	<i>AlignVertEnum.Top</i>
WrapText	False

The Heading and Footing styles are defined similarly. Each inherits from the Normal style, and each overrides the following properties:

Property	Setting
BackColor	System.Drawing.SystemColors.Control
ForeColor	System.Drawing.Color.Black
VerticalAlignment	<i>AlignVertEnum.Center</i>

The Heading style overrides one additional property that the Footing style does not:

Property	Setting
WrapText	True

The Selected style also inherits from Normal and overrides two color properties:

Property	Setting
BackColor	System.Drawing.SystemColors.Highlight
ForeColor	System.Drawing.SystemColors.HighlightText

The same is **True** of the HighlightRow style, which uses the inverse of the color settings for the default Normal style:

Property	Setting
<a href="#">BackColor</a>	System.Drawing.SystemColors.Text
<a href="#">ForeColor</a>	System.Drawing.SystemColors.HighlightText

The EvenRow, OddRow, and FilterBar styles inherit from Normal, but only the EvenRow style overrides any properties:

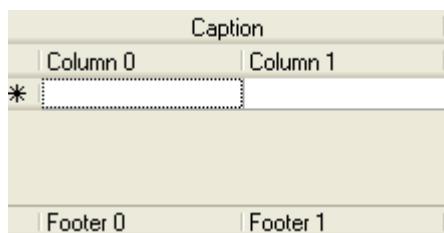
Property	Setting
<a href="#">BackColor</a>	System.Drawing.Color.Aqua

The only styles that do not inherit directly from Normal are the Caption and RecordSelector styles, which inherit from the Heading style. The reason that grid and split captions are centered by default is that the Caption style specifies the following property:

Property	Setting
<a href="#">HorizontalAlignment</a>	AlignHorzEnum.Center

## Named Style Inheritance

To see how named style inheritance works, place a grid on a form and set the [Caption](#) property of the grid and its default columns. Set the [FooterText](#) property of the default column footers and set the [ColumnFooters](#) property of the grid to **True**. The grid should look something like this.



In the **C1TrueDBGrid Style Editor**, select **Normal** from the left pane and expand the [Font](#) node. Set the **Bold** property to **True**. Note that the column headers, column footers, and grid caption are all bold, since all built-in styles inherit from the Normal style or one of its children.

Caption	
Column 0	Column 1
*	
Footer 0      Footer 1	

Next, select **Heading** from the left pane, and in the right pane select the [ForeColor](#) property. Click the **Web** tab, and then select **Navy**. Note that the text color of both the column headers and the grid's caption bar is now white, since the Caption style inherits its color properties from the Heading style. The column footers remain the same because the Footer style inherits from the Normal style, not the Heading style.

Caption	
Column 0	Column 1
*	
Footer 0      Footer 1	

Finally, select **Caption** from the left pane and in the right pane select its [BackColor](#) property. Click the **Web** tab, and then select **AliceBlue**. Note that the background color of the column headers is not changed, and that the Caption style continues to inherit its text color from its parent style, Heading.

Caption	
Column 0	Column 1
*	
Footer 0      Footer 1	

### Modifying Named Styles

Change the appearance of the overall grid at design time by using .NET's collection editors to modify the [GridStyleCollection](#). For example, to force all column headers to center their caption text, change the [HorizontalAlignment](#) property of the built-in Heading style to [AlignHorzEnum.Center](#).

The following statement accomplishes the same result in code:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Styles("Heading").HorizontalAlignment = AlignHorzEnum.Center</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Styles["Heading"].HorizontalAlignment = AlignHorzEnum.Center;</pre>	

However, it is not necessary to use the **C1TrueDBGrid Style Editor** or manipulate named members of the [GridStyleCollection](#) in code, as the grid and its component objects expose several properties that return [Style](#) objects. As the next section describes, the appearance of the grid can be fine-tuned by manipulating these objects directly. For more information see [Using the C1TrueDBGrid Style Editor](#).

## Working with Style Properties

Just as a document template in Microsoft Word specifies the overall appearance of individual paragraphs in a document, the named members of the [GridStyleCollection](#) object provide an overall display template for a [C1TrueDBGrid](#) or [C1TrueDBDropDown](#) control. However, to customize the appearance of individual [Split](#) or [C1DisplayColumn](#) objects, modify the appropriate [Style](#) object property:

Property	Description
<a href="#">CaptionStyle</a>	Controls the caption style for an object.
<a href="#">EditorStyle</a>	Controls the editor style for an object.
<a href="#">EvenRowStyle</a>	Controls the row style for even-numbered rows.
<a href="#">FilterBarStyle</a>	Controls the style of the columns in the filter bar.
<a href="#">FooterStyle</a>	Controls the footing style for an object.
<a href="#">HeadingStyle</a>	Controls the heading style for an object.

<a href="#">HighlightRowStyle</a>	Controls the marquee style when set to <b>Highlight Row</b> .
<a href="#">InactiveStyle</a>	Controls the inactive heading style for an object.
<a href="#">OddRowStyle</a>	Controls the row style for odd-numbered rows.
<a href="#">RecordSelectorStyle</a>	Controls the record selector style for an object.
<a href="#">SelectedStyle</a>	Controls the selected row/column style for an object.
<a href="#">Style</a>	Controls the normal style for an object.

## See Also

[Modifying a Style Property Directly](#)

[Named Styles vs. Anonymous Styles](#)

[Anonymous Style Inheritance](#)

### Modifying a Style Property Directly

Customize the appearance of a grid component by modifying one or more members of an appropriate style property. For example, to make the grid's caption text bold, change the **Font** object associated with the [CaptionStyle](#) property. At design time, this is done by expanding the **CaptionStyle** tree node on the Properties window, expanding the **Font** node, and setting the **Bold** property to **True**. The change is committed to the grid when you click out of this particular property.

Note when switching to the **C1TrueDBGrid Style Editor**, it will be seen that the built-in Caption style has not changed.

This means that the following statements are **not** equivalent:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Dim myfont As New Font(Me.C1TrueDBGrid1.Font, FontStyle.Bold) Me.C1TrueDBGrid1.CaptionStyle.Font = myfont</pre>	

```
Me.C1TrueDBGrid1.Styles("Caption").Font = myfont
```

To write code in C#

C#	Copy Code
	<pre>Font myfont = new Font(this.c1TrueDBGrid1.Font, FontStyle.Bold); this.c1TrueDBGrid1.CaptionStyle.Font = myfont;  this.c1TrueDBGrid1.Styles["Caption"].Font = myfont;</pre>

The first statement specifies the font of the grid's caption bar; because this is a root style, the named Caption style also changes.

### Named Styles vs. Anonymous Styles

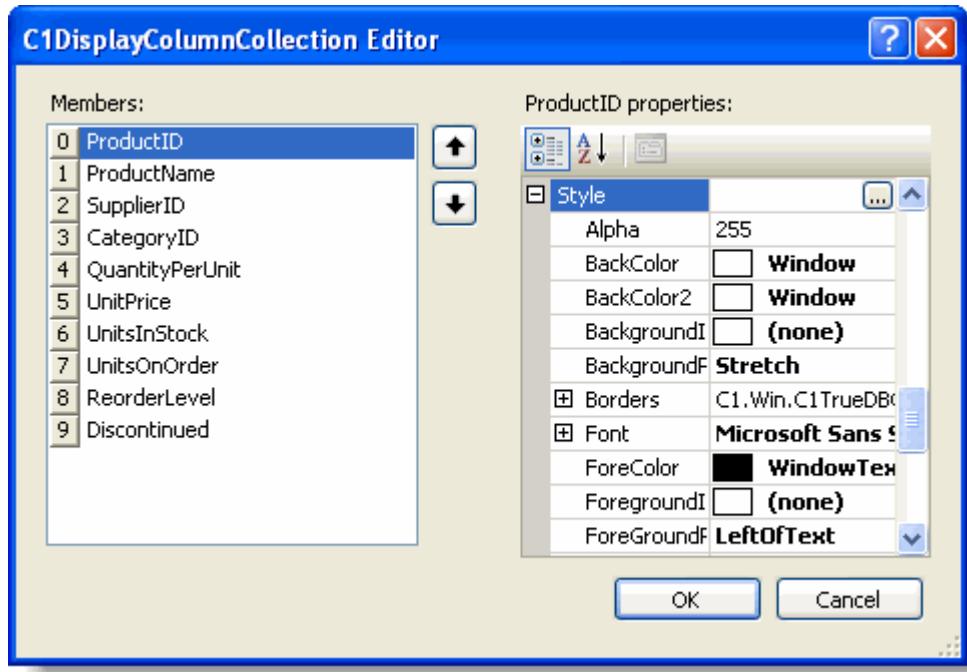
When setting style properties at design time, it is important to understand the distinction between named styles and the *anonymous styles* exposed by grid properties.

Named styles provide templates that govern the appearance of the grid, its splits, and its columns. At design time, create, modify, and delete named styles using the **GridStyleCollection Editor**. At run time, the [GridStyleCollection](#) is used to represent the same set of named [Style](#) objects.

Anonymous styles are **not** members of the [GridStyleCollection](#). However, anonymous styles are provided so that the appearance of an individual split or column can be easily and directly customized without having to define a separate named style.

The following analogy should help to clarify the distinction between named and anonymous styles. Consider a Microsoft Word document that consists of several paragraphs based on the default normal style. Suppose that one of the paragraphs is a quotation that needs to be indented and displayed in italics. If the document is part of a larger work that contains several quotations, it makes sense to define a special style for that purpose and apply it to all paragraphs that contain quotations. If the document is an early draft or is not likely to be updated, defining a style for one paragraph is overkill, and it would be more convenient to apply indentation and italics to the quotation itself.

In this analogy, specifying paragraph attributes directly is akin to setting the members of a property that returns an anonymous style. For example, to vertically center cell data within a particular grid column, modify the [VerticalAlignment](#) member of the column's [Style](#) property in the [C1DisplayColumnCollection Editor](#).



Note that modifying an anonymous style is just like modifying a named style. Expand the desired [Style](#) object node in a property tree, and then select and edit one or more of its member properties.

### Anonymous Style Inheritance

Just as one named style can inherit font, color, and formatting characteristics from another, an anonymous style in a [Split](#) object can inherit from its counterpart in the containing [C1TrueDBGrid](#) control. Similarly, an anonymous style in a [C1DisplayColumn](#) object can inherit from its counterpart in the containing [Split](#) object. Since the [C1TrueDropDown](#) control does not have a [Splits](#) collection, the anonymous styles of its [C1DisplayColumn](#) objects can inherit values from the control itself.

When a grid is first created, its [Style](#) property inherits all of its attributes from the built-in Normal style, which controls the appearance of all data cells. Any changes to the Normal style are propagated to all splits, and in turn to the columns within each split. However, change the appearance of all data cells within a [Split](#) or [C1DisplayColumn](#) object by modifying the members of its anonymous [Style](#) property.

Consider the following grid layout, which uses the default values of all built-in styles and contains two identical splits.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

All of the subsequent examples use this layout as a starting point. For clarity, the examples use code to illustrate the relationships between style properties and the grid's display; however, you can perform the same operations at design time using the grid's collection editors.

## See Also

[Example 1 of 10: Inheriting from Containing Splits](#)

[Example 2 of 10: Affecting Only Data Cells in the First Split](#)

[Example 3 of 10: Affecting All Elements Only in the First Split](#)

[Example 4 of 10: Affecting Only Data Cells in the First Column of the First Split](#)

[Example 5 of 10: Affecting All Elements Only in the First Column of the First Split](#)

[Example 6 of 10: Changing the BackColor of the Style Property](#)

[Example 7 of 10: Changing Only the Data Cells in the First Split](#)

[Example 8 of 10: Changing Only the Data Cells in the First Column of the First Split](#)

[Example 9 of 10: Setting the Alignment of C1DisplayColumn Objects](#)

[Example 10 of 10: Setting the Alignment for Column Headers](#)

### ***Example 1 of 10: Inheriting from Containing Splits***

Since the default values of all built-in styles are in effect, columns inherit from their containing splits, which in turn inherit from the grid as a whole. Therefore, this statement affects not only data cells, but also all headers, footers, and caption bars. This statement has the same *visual* effect as changing the Normal style directly using the **C1TrueDBGrid Style Editor**; however, the built-in Normal style itself is not changed.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

The following code inherits values from the containing splits:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Dim myfont As Font  
myfont = New Font (Me.C1TrueDBGrid1.Styles("Normal").Font, FontStyle.Bold)  
Me.C1TrueDBGrid1.Styles("Normal").Font = myfont
```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
Font myfont;  
myfont = new Font (this.c1TrueDBGrid1.Styles["Normal"].Font, FontStyle.Bold);  
this.c1TrueDBGrid1.Styles["Normal"].Font = myfont;
```

### ***Example 2 of 10: Affecting Only Data Cells in the First Split***

In this example, only the data cells of the first split are affected. This is because the split caption, column headers, and column footers inherit their fonts from the built-in styles Caption, Heading, and Footing, respectively.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

The following code affects data cells only in the first split:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Dim myfont As Font
```

```
myfont = New Font (Me.C1TrueDBGrid1.Splits(0).Style.Font, FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).Style.Font = myfont
```

To write code in C#

C#	Copy Code
----	-----------

```
Font myfont;
myfont = new Font (this.c1TrueDBGrid1.Splits[0].Style.Font, FontStyle.Bold);
this.c1TrueDBGrid1.Splits[0].Style.Font = myfont;
```

### ***Example 3 of 10: Affecting All Elements Only in the First Split***

This example extends the previous one to render all elements of the first split in bold. In addition to the [Style](#) property, it is necessary to set the [CaptionStyle](#), [HeadingStyle](#), and [FooterStyle](#) properties.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

The following code affects all elements only in the first split:

To write code in Visual Basic

Visual Basic	Copy Code
--------------	-----------

```
Dim myfont As Font
Dim myfont1 As Font
Dim myfont2 As Font
Dim myfont3 As Font

myfont = New Font (Me.C1TrueDBGrid1.Splits(0).Style.Font, FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).Style.Font = myfont

myfont1 = New Font (Me.C1TrueDBGrid1.Splits(0).CaptionStyle.Font,
FontStyle.Bold)
```

```

Me.C1TrueDBGrid1.Splits(0).CaptionStyle.Font = myfont1

myfont2 = New Font (Me.C1TrueDBGrid1.Splits(0).HeadingStyle.Font,
FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).HeadingStyle.Font = myfont2

myfont3 = New Font (Me.C1TrueDBGrid1.Splits(0).FooterStyle.Font, FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).FooterStyle.Font = myfont3

```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre> Font myfont; Font myfont1; Font myfont2; Font myfont3;  myfont = new Font (this.c1TrueDBGrid1.Splits[0].Style.Font, FontStyle.Bold); this.c1TrueDBGrid1.Splits[0].Style.Font = myfont;  myfont1 = new Font (this.c1TrueDBGrid1.Splits[0].CaptionStyle.Font, FontStyle.Bold); this.c1TrueDBGrid1.Splits[0].CaptionStyle.Font = myfont1;  myfont2 = new Font (this.c1TrueDBGrid1.Splits[0].HeadingStyle.Font, FontStyle.Bold); this.c1TrueDBGrid1.Splits[0].HeadingStyle.Font = myfont2;  myfont3 = new Font (this.c1TrueDBGrid1.Splits[0].FooterStyle.Font, FontStyle.Bold); this.c1TrueDBGrid1.Splits[0].FooterStyle.Font = myfont3; </pre>	

#### ***Example 4 of 10: Affecting Only Data Cells in the First Column of the First Split***

In this example, only the data cells of the first column of the first split are affected. This is because the column headers and column footers inherit their fonts from the built-in styles Heading and Footing, respectively.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

The following code affects data cells only in the first column of the first split:

To write code in Visual Basic

Visual Basic

Copy Code

```
Dim myfont As Font
myfont = New Font (Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.Font,
FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.Font = myfont
```

To write code in C#

C#

Copy Code

```
Font myfont;
myfont = new Font (this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.Font,
FontStyle.Bold);
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.Font = myfont;
```

#### *Example 5 of 10: Affecting All Elements Only in the First Column of the First Split*

This example extends the previous one to render all elements of the first column of the first split in bold. In addition to the [Style](#) property, it is necessary to set the [HeadingStyle](#) and [FooterStyle](#) properties.

Caption			
Split 0		Split 1	
Column 0	Column 1	Column 0	Column 1
Data	Data	Data	Data
Data	Data	Data	Data
Footer 0	Footer 1	Footer 0	Footer 1

The following code affects all elements only in the first column of the first split:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Dim myfont As Font
Dim myfont1 As Font
Dim myfont2 As Font

myfont = New Font (Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.Font,
FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.Font = myfont

myfont1 = New Font
(Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).HeadingStyle.Font, FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).HeadingStyle.Font = myfont1

myfont2 = New Font
(Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).FooterStyle.Font, FontStyle.Bold)
Me.C1TrueDBGrid1.Splits(0).DisplayStyle.Font = myfont2
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
Font myfont;
Font myfont1;
Font myfont2;

myfont = new Font (this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.Font,
FontStyle.Bold);
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.Font = myfont;

myfont1 = new Font
(this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].HeadingStyle.Font,
FontStyle.Bold);
```

```

this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].HeadingStyle.Font = myfont1;

myfont2 = new Font
(this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].FooterStyle.Font,
FontStyle.Bold);
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].FooterStyle.Font = myfont2;

```

### ***Example 6 of 10: Changing the BackColor of the Style Property***

In the first example, setting the [Font](#) member of the grid's [Style](#) property affected the entire grid, including each caption bar, column header, and column footer. However, the same is not true of the [BackColor](#) and [ForeColor](#) properties. Since the built-in Caption, Heading, and Footing styles override both of these properties, only the data cells of the grid are displayed with a lavender background.



The following code changes the font member of the [Style](#) property:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Style.BackColor = System.Drawing.Color.Lavender</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Style.BackColor = System.Drawing.Color.Lavender;</pre>	

### **Example 7 of 10: Changing Only the Data Cells in the First Split**

In this example, only the data cells of the first split are affected. This is because the split caption, column headers, and column footers inherit their background colors from the built-in styles Caption, Heading, and Footing, respectively.

Caption	
Split 0	
Column 0	Column 1
Data	Data
Data	Data
Footer 0	Footer 1
Split 1	
Column 0	Column 1
Data	Data
Data	Data
Footer 0	Footer 1

The following code changes the data cells in only the first split:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Splits(0).Style.BackColor = System.Drawing.Color.Lavender</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Splits[0].Style.BackColor = System.Drawing.Color.Lavender;</pre>	

### **Example 8 of 10: Changing Only the Data Cells in the First Column of the First Split**

In this example, only the data cells of the first column of the first split are affected. This is because the column headers and column footers inherit their background colors from the built-in styles Heading and Footing, respectively.

Caption	
Split 0	
Column 0	Column 1
Data	Data
Data	Data
Footer 0	Footer 1
Split 1	
Column 0	Column 1
Data	Data
Data	Data
Footer 0	Footer 1

The following code changes the data cells in only the first column of the first split:

To write code in Visual Basic

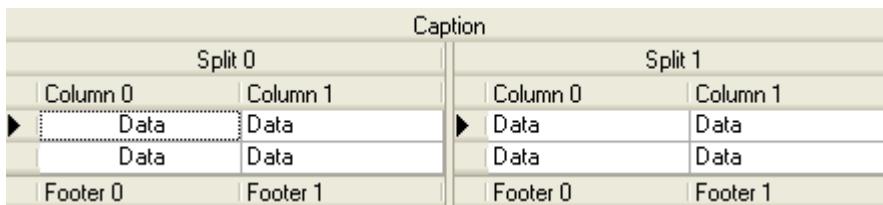
Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.BackColor = System.Drawing.Color.Lavender</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumnsp[0].Style.BackColor = System.Drawing.Color.Lavender;</pre>	

### ***Example 9 of 10: Setting the Alignment of C1DisplayColumn Objects***

Setting the [HorizontalAlignment](#) property of a [C1DisplayColumn](#) object affects not only its data cells, but also its header and footer. The reason for this is that the default setting of the [HorizontalAlignment](#) property for the built-in Heading and Footing styles, which is inherited from the Normal style, is set to [AlignHorzEnum.General](#). For data cells, the general setting means that the underlying data type determines whether the cell text is left, center, or right aligned; for column headers and footers, the general setting means that the column's data cell alignment should be followed.



The following code sets the alignment of C1DisplayColumn objects:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Style.HorizontalAlignment =</pre>	

C1.Win.C1TrueDBGrid.AlignHorzEnum.Center

To write code in C#

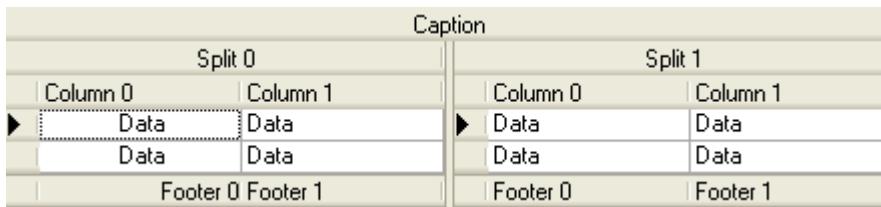
C#

Copy Code

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.HorizontalAlignment =  
C1.Win.C1TrueDBGrid.AlignHorzEnum.Center;
```

#### **Example 10 of 10: Setting the Alignment for Column Headers**

This example illustrates the distinction between general and specific alignment for column headers and footers. If the [HorizontalAlignment](#) member of the [HeadingStyle](#) (or [FooterStyle](#)) property is not set to [AlignHorzEnum.General](#), then the header (or footer) is aligned independently of the data cells.



The following code sets the alignment for column headers:

To write code in Visual Basic

Visual Basic

Copy Code

```
With Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0)  
    .HeadingStyle.HorizontalAlignment = C1.Win.C1TrueDBGrid.AlignHorzEnum.Near  
    .FooterStyle.HorizontalAlignment = C1.Win.C1TrueDBGrid.AlignHorzEnum.Far  
    .Style.HorizontalAlignment = C1.Win.C1TrueDBGrid.AlignHorzEnum.Center  
End With
```

To write code in C#

C#

Copy Code

```

this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].HeadingStyle.HorizontalAlignment =
= C1.Win.C1TrueDBGrid.AlignHorzEnum.Near;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].FooterStyle.HorizontalAlignment =
C1.Win.C1TrueDBGrid.AlignHorzEnum.Far;
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Style.HorizontalAlignment =
C1.Win.C1TrueDBGrid.AlignHorzEnum.Center;

```

## Applying Styles to Cells

**True DBGrid for WinForms** provides three ways to control the display characteristics of individual cells:

Control	Description
<i>By Status</i>	Each grid cell has a cell status that identifies its disposition (any combination of current, modified, part of a selected row, or part of a highlighted row). Using the <a href="#">AddCellStyle</a> method, set style attributes that apply to any possible combination of cell status values.
<i>By Contents</i>	Specify a pattern (called a regular expression) that is used to perform pattern matching on cell contents. When the contents match the pattern supplied in the <a href="#">AddRegexCellStyle</a> method, <b>True DBGrid for WinForms</b> will automatically apply pre-selected style attributes to the cell.
<i>By Custom Criteria</i>	Using the <a href="#">FetchCellStyle</a> (or <a href="#">FetchRowStyle</a> ) event, make decisions about cell colors and fonts each time a cell (or row) is displayed.

Use [Style](#) objects defined at design time as arguments to the [AddCellStyle](#) and [AddRegexCellStyle](#) methods. Or, create a temporary style in code and use it to specify one or more attributes.

The [FetchCellStyle](#) and [FetchRowStyle](#) events pass a temporary [Style](#) object as the final parameter. By setting its properties, control the appearance of the cell specified by the other event parameters.

In **True DBGrid for WinForms**, per-cell font and color control can only be achieved by writing code. However, by creating styles at design time, this code is kept to a minimum. To learn how to create named styles at design time, see [Using the C1TrueDBGrid Style Editor](#).

## See Also

[Specifying Cell Status Values](#)

[Applying Cell Styles by Status](#)

[Applying Cell Styles by Contents](#)

[Applying Cell Styles by Custom Criteria](#)

[Cell Style Evaluation Order](#)

### Specifying Cell Status Values

**C1TrueDBGrid** recognizes 16 distinct cell status values that are used in code to indicate the disposition of a cell. A cell status value is a combination of four separate conditions. These conditions are enumerations which have the *flag* attribute, which means that they can be combined with the *Or* operator:

Condition	Description
<b>Current Cell</b>	The cell is the current cell as specified by the <a href="#">Bookmark</a> , <a href="#">Col</a> , and <a href="#">SplitIndex</a> properties. At any given time, only one cell can have this status. When the floating editor <a href="#">MarqueeStyle</a> property setting is in effect, this condition is ignored.
<b>Marquee Row</b>	The cell is part of a highlighted row marquee. When the <a href="#">MarqueeStyle</a> property indicates that the entire current row is to be highlighted, all visible cells in the current row have this additional condition set.
<b>Updated Cell</b>	The cell contents have been modified by the user but not yet written to the database. This condition is also set when cell contents have been modified in code with the <a href="#">Text</a> or <a href="#">Value</a> properties.
<b>Selected Row</b>	The cell is part of a row selected by the user or in code. The

	<a href="#">SelectedRowCollection</a> contains a bookmark for each selected row.
--	--

**True DBGrid for WinForms** defines the following constants corresponding to these cell conditions:

Constant	Description
<a href="#">CellStyleFlag.CurrentCell</a>	Applies to the current cell.
<a href="#">CellStyleFlag.MarqueeRow</a>	Applies to cells in a highlighted row marquee.
<a href="#">CellStyleFlag.UpdatedCell</a>	Applies to cells that have been modified.
<a href="#">CellStyleFlag.SelectedRow</a>	Applies to cells in a selected row.

**True DBGrid for WinForms** also defines the following constants, which are **not** meant to be combined with those listed earlier:

Constant	Description
<a href="#">CellStyleFlag.AllCells</a>	Applies to all cells.
<a href="#">CellStyleFlag.NormalCell</a>	Applies to cells without status conditions.

Use [CellStyleFlag.AllCells](#) to refer to all cells regardless of status. Use [CellStyleFlag.NormalCell](#) to refer to only those cells without any of the four basic cell conditions described earlier.

### Applying Cell Styles by Status

Each cell in the **True DBGrid for WinForms** display has a status value which identifies its disposition (any combination of current, modified, part of a selected row, or part of a highlighted row). Using the [AddCellStyle](#) method, set style attributes that apply to any possible combination of cell status values. The [AddCellStyle](#) method is supported by the [C1TrueDBGrid](#), [C1TrueDBDropDown](#), [Split](#), and [C1DisplayColumn](#) objects, enabling the range of cells for which certain conditions apply to be controlled.

For each unique status combination, you can set the color, font, and picture attributes to be used for cells of that status. When a cell's status changes, **True DBGrid for WinForms** checks to see if any style property overrides are defined for that cell, and applies those attributes to the cell when it is displayed. [Style](#) objects are used to specify the color and font for a cell, as in the following example:

To write code in Visual Basic

Visual Basic

Copy Code

```
Dim S As New C1.Win.C1TrueDBGrid.Style()
Dim myfont As Font

myfont = New Font(S.Font, FontStyle.Bold)
S.Font = myfont
S.ForeColor = System.Drawing.Color.Red
Me.C1TrueDBGrid1.AddCellStyle (C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell, S)
```

To write code in C#

C#

Copy Code

```
C1TrueDBGrid.Style S = new C1.Win.C1TrueDBGrid.Style();
Font myfont;

myfont = new Font(S.Font, FontStyle.Bold);
S.Font = myfont;
S.ForeColor = System.Drawing.Color.Red;
this.c1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell,
S);
```

Here, a new temporary style object is created to specify the color and font overrides (red text, bold) to be applied to the current cell throughout the entire grid. Since the style object's [BackColor](#) property is not set explicitly, the background color of the current cell is not changed.

First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria

Also use styles defined at design time as arguments to the [AddCellStyle](#) method:

To write code in Visual Basic

Visual Basic	Copy Code
--------------	-----------

```
Dim S As C1.Win.C1TrueDBGrid.Style  
S = Me.C1TrueDBGrid1.Styles("RedBold")  
Me.C1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell, S)
```

To write code in C#

C#	Copy Code
----	-----------

```
C1.Win.C1TrueDBGrid.Style S;  
S = this.c1TrueDBGrid1.Styles("RedBold")  
this.c1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell,  
S);
```

The preceding example can be simplified since the [AddCellStyle](#) method accepts a style name as well as an actual style object:

To write code in Visual Basic

Visual Basic	Copy Code
--------------	-----------

```
Me.C1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell,  
"RedBold")
```

To write code in C#

C#	Copy Code
----	-----------

```
this.c1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell,  
"RedBold");
```

All of the preceding examples cause the text of the current cell to appear in red and bold. However, it is important to note that the status [CellStyleFlag.CurrentCell](#) applies only to cells that have **only** this status. Thus, cells that are current but also updated ([CellStyleFlag.CurrentCell+CellStyleFlag.UpdatedCell](#)) will not be displayed in red and bold unless the following statement is executed:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Me.C1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell +  
C1.Win.C1TrueDBGrid.CellStyleFlag.UpdatedCell,  
Me.C1TrueDBGrid1.Styles("RedBold"))
```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.c1TrueDBGrid1.AddCellStyle(C1.Win.C1TrueDBGrid.CellStyleFlag.CurrentCell  
| C1.Win.C1TrueDBGrid.CellStyleFlag.UpdatedCell,  
this.c1TrueDBGrid1.Styles["RedBold"]);
```



**Note:** The current cell status is only honored when the [MarqueeStyle](#) property is **not** set to [MarqueeEnum.FloatingEditor](#). The floating editor marquee always uses the system highlight colors as determined by Control Panel settings.

Although this method of specifying cell conditions offers more control and flexibility, it also requires that additional code be written for some common cases.

Calls to [AddCellStyle](#) take effect immediately, and can be used for interactive effects as well as overall grid characteristics.

### Applying Cell Styles by Contents

**True DBGrid for WinForms** can automatically apply colors and fonts to particular cells, based upon their displayed contents. To do so, provide a pattern, called a *regular expression* that the grid tests against the displayed value of each cell. Using the [AddRegexCellStyle](#) method, associate a regular expression with a set of style attributes, and then apply them to any possible combination of cell status values. The [AddRegexCellStyle](#) method is supported by the [C1TrueDBGrid](#), [C1TrueDBDropDown](#), [Split](#), and [C1DisplayColumn](#) objects, allowing the range of cells for which certain conditions apply to be controlled.

The [AddRegexCellStyle](#) method is similar to the [AddCellStyle](#) method, but it requires an additional argument for the regular expression string. As with [AddCellStyle](#), use either temporary or named styles. The following example uses a temporary style to display all cells in the first column that contain the string "Windows" in bold:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Dim S As New C1.Win.C1TrueDBGrid.Style()
Dim myfont As Font

myfont = New Font(S.Font, FontStyle.Bold)
S.Font = myfont
Me.C1TrueDBGrid1.AddRegexCellStyle (C1.Win.C1TrueDBGrid.CellStyleFlag.AllCells,
S, "Computer")
```

[To write code in C#](#)

C#

[Copy Code](#)

```
C1TrueDBGrid.Style S = new C1.Win.C1TrueDBGrid.Style();
Font myfont;

myfont = new Font(S.Font, FontStyle.Bold);
S.Font = myfont;
this.c1TrueDBGrid1.AddRegexCellStyle
(C1.Win.C1TrueDBGrid.CellStyleFlag.AllCells, S, "Computer");
```

This feature allows the implementation of "visual queries" that attach distinctive font or color attributes to cells that match a certain pattern.

Company	LastName	FirstName	
Microcomputer Consulting	Clark	Allen	
<b>Computer Engineering</b>	Gordon	Alan	
Software Designs	Quinn	Ann	
<b>Computer Communications</b>	Wheeler	Alice	
Microcomputers Unlimited	Ardmore	Beverly	
<b>Computer Applications</b>	Fredericks	Carey	
Micro Mechanics	Ziegler	Carl	
Software Specialists	Elkins	David	

## Applying Cell Styles by Custom Criteria

For cases where regular expressions are insufficient to express formatting requirements, use the [FetchCellStyle](#) event to customize fonts and colors on a per-cell basis. This event will only be fired for columns that have the [FetchStyle](#) property set to **True**.

For example, provide color coding for values that fall within a certain range. The following code assumes that the [FetchStyle](#) property is **True** for a single column of numeric data, and handles the [FetchCellStyle](#) event to display values greater than 1000 in blue:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_FetchCellStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs) Handles C1TrueDBGrid1.FetchCellStyle     Dim N As Integer     N = Val(Me.C1TrueDBGrid1(e.Row, e.Col))     If N &gt; 1000 Then         e.CellStyle.ForeColor = System.Drawing.Color.Blue     End If End Sub</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>private void c1TrueDBGrid1_FetchCellStyle( object sender, C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs e) {     int N;     N = (int) this.c1TrueDBGrid1[e.Row, e.Col];     if ( N &gt; 1000 )     {         e.CellStyle.ForeColor = System.Drawing.Color.Blue;     } }</pre>	

The [Split](#), [Row](#), and [Col](#) properties identify which cell the grid is displaying. The [CellStyle](#) property conveys formatting information from the application to the grid. Since the [CellStyle](#) property is a [Style](#) object, a cell's font characteristics can also be changed in the [FetchCellStyle](#) event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
If N > 1000 Then  
    e.CellStyle.Font.Italic = True  
Dim myfont As Font  
myfont = New Font (e.CellStyle.Font, FontStyle.Italic)  
If N > 1000 Then  
    e.CellStyle.Font = myfont
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
if ( N > 1000 )  
{  
    e.CellStyle.Font.Italic = true  
}  
Font myfont;  
myfont = new Font (e.CellStyle.Font, FontStyle.Italic);  
if ( N > 1000 )  
{  
    e.CellStyle.Font = myfont;  
}
```

The [FetchCellStyle](#) event can also be used to apply formatting to one cell based upon the values of other cells, or even other controls. For example, suppose that you want to:

- Make the cell text red in column 4 if column 1 minus column 2 is negative.
- Make the cell text bold in column 7 if it matches the contents of a text box.

In this case, set the [FetchStyle](#) property to **True** for columns 4 and 7, and handle the [FetchCellStyle](#) event as follows:

[To write code in Visual Basic](#)

Visual Basic

Copy Code

```
Private Sub C1TrueDBGrid1_FetchCellStyle(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs) Handles  
C1TrueDBGrid1.FetchCellStyle  
    Select Case e.Col  
        Case 4  
            Dim Col1 As Long, Col2 As Long  
            Col1 = CLng(Me.C1TrueDBGrid1(e.Row, 1))  
            Col2 = CLng(Me.C1TrueDBGrid1(e.Row, 2))  
            If Col1 - Col2 < 0 Then  
                CellStyle.ForeColor = System.Drawing.Color.Red  
        Case 7  
            Dim S As String  
            S = Me.C1TrueDBGrid1(e.Row, 7).ToString()  
            If S = TextBox1.Text Then  
                Dim myfont = New Font(CellStyle.Font, FontStyle.Bold)  
                CellStyle.Font = myfont  
            End If  
        Case Else  
            Debug.WriteLine ("FetchCellStyle not handled: " & e.Col)  
    End Select  
End Sub
```

To write code in C#

C#

Copy Code

```
private void c1TrueDBGrid1_FetchCellStyle( object sender,  
C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs e)  
{  
    switch (e.Col)  
    {  
        case 4:  
            long Col1, long Col2;  
            Col1 = (long)this.c1TrueDBGrid1[e.Row, 1];  
            Col2 = (long)this.c1TrueDBGrid1[e.Row, 2];
```

```

        if ( Col1 - Col2 < 0 )
            CellStyle.ForeColor = System.Drawing.Color.Red
            break;
    case 7:
        string S;
        S = this.c1TrueDBGrid1[e.Row, 7].ToString();
        if ( S == TextBox1.Text )
        {
            Font myfont = new Font(CellStyle.Font, FontStyle.Bold);
            CellStyle.Font = myfont;
        }
        break;
    default:
        Console.WriteLine ("FetchCellStyle not handled: " + e.Col);
    }
}

```

For efficiency reasons, only set [FetchStyle](#) to **True** for columns that you plan to handle in the [FetchCellStyle](#) event.

 **Note:** The preceding examples use the [CellText](#) method for simplicity. However, the [CellText](#) and [CellValue](#) methods always create and destroy an internal clone of the dataset each time they are called, which may make them too inefficient to use in the [FetchCellStyle](#) event. To improve the performance of the grid's display cycle, try an unbound application. Unbound applications can access the underlying data source directly, which is generally faster than calling [CellText](#) or [CellValue](#).

To customize fonts and colors on a per-row instead of a per-cell basis, use the [FetchRowStyle](#) event, which will only be fired once per row for grids that have the [FetchRowStyles](#) property set to **True**. The syntax for this event is as follows:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub TDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle</pre>	

[To write code in C#](#)

C#	Copy Code
----	-----------

```
private void TDBGrid1_FetchRowStyle( object sender,
C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs e)
```

Although the [FetchRowStyle](#) event can be used to implement an alternating row color scheme, an easier and more efficient way to accomplish the same task would be to use the [AlternatingRows](#) property, together with the built-in EvenRow and OddRow styles.

### Cell Style Evaluation Order

The following list defines the order in which cell styles are applied relative to the anonymous styles of a grid, split, or column:

1. [Style](#) property, [C1TrueDBGrid](#) control. The default named parent of this anonymous style is Normal.
2. Style property, [Split](#) object. By default, this anonymous style inherits from its [C1TrueDBGrid](#) control counterpart.
3. [EvenRowStyle](#) and [OddRowStyle](#) properties, [Split](#) object. By default, these anonymous styles inherit from their [C1TrueDBGrid](#) control counterparts, which in turn have default named parents of EvenRow and OddRow. These properties apply only if the [AlternatingRows](#) property is **True**.
4. Style property, [C1DisplayColumn](#) object. By default, this anonymous style inherits from its [Split](#) object counterpart.
5. [FetchRowStyle](#) event. This event fires only if the [FetchRowStyles](#) property is **True** for a grid or split.
6. [SelectedStyle](#) property, [Split](#) object. By default, this anonymous style inherits from its [C1TrueDBGrid](#) control counterpart, which in turn has a default named parent of Selected. This property applies only to selected rows; that is, rows whose bookmarks have been added to the [SelectedRowCollection](#) through code or user interaction.
7. [HighlightRowStyle](#) property, [Split](#) object. By default, this anonymous style inherits from its [C1TrueDBGrid](#) control counterpart, which in turn has a default named parent of HighlightRow. This property applies only to highlighted rows, the current row in a grid or split whose [MarqueeStyle](#) property is set to [MarqueeEnum.HighlightRow](#) or [MarqueeEnum.HighlightRowRaiseCell](#).
8. [AddCellStyle](#) and [AddRegexCellStyle](#) methods, if called. Cell styles specified at the [C1DisplayColumn](#) object level have the highest priority, followed by those specified at the [Split](#) object and [C1TrueDBGrid](#) control levels. Within an object level, cell styles are tested in the order in which they were added in code. Cell styles do not inherit from one another; as soon as a match is found, testing stops.
9. [FetchCellStyle](#) event. This event fires only if the [FetchStyle](#) property is **True** for a [C1DisplayColumn](#) object.

Thus, you always have final control over the rendering of a cell via the [FetchCellStyle](#) event.

## Applying Pictures to Grid Elements

In earlier versions of **True DBGrid for WinForms**, styles were used to specify font, color, and alignment attributes. This version extends the concept of styles to include background and foreground pictures, enabling adornments to be added to headers, footers, and caption bars, specify a background pattern for data cells, and render picture data in cells without having to populate a [ValueItems](#) object. The following properties of the [Style](#) object determine how pictures are displayed:

Property	Description
<a href="#">BackgroundImage</a>	Sets/returns a style's background picture.
<a href="#">BackgroundPictureDrawMode</a>	Controls how a style's background picture is displayed.
<a href="#">ForegroundImage</a>	Sets/returns a style's foreground picture.
<a href="#">ForeGroundPicturePosition</a>	Controls how a style's foreground picture is positioned.

Since picture properties follow the same inheritance rules as other style attributes, any technique described earlier in this chapter also works with pictures. This means that pictures can be attached to a grid element using any of the following methods:

- Setting the [BackgroundImage](#) or [ForegroundImage](#) property of a built-in named style in the designer or in code.
- Setting the [BackgroundImage](#) or [ForegroundImage](#) property of an anonymous style in the designer or in code.
- Calling the [AddCellStyle](#) or [AddRegexCellStyle](#) method.
- Writing a handler for the [FetchCellStyle](#) or [FetchRowStyle](#) event.

## See Also

[Displaying Background Pictures](#)

[Displaying Foreground Pictures](#)

### Displaying Background Pictures

Use background pictures to customize static grid elements such as caption bars, column headers, and column footers. For example, the following code applies a colored gradient bitmap to the [BackgroundImage](#) member of the [Style](#) object returned by the grid's [CaptionStyle](#) property:

[To write code in Visual Basic](#)

Visual Basic

Copy Code

```
With Me.C1TrueDBGrid1.CaptionStyle
    .BackgroundImage = System.Drawing.Image.FromFile("c:\bubbles.bmp")
    .BackgroundPictureDrawMode =
C1.Win.C1TrueDBGrid.BackgroundPictureDrawModeEnum.Tile
    .ForeColor = System.Drawing.Color.White
    .Font = New Font(.Font, FontStyle.Bold)
End With
```

To write code in C#

C#

Copy Code

```
this.c1TrueDBGrid1.CaptionStyle.BackgroundImage =
System.Drawing.Image.FromFile(@"c:\bubbles.bmp");
this.c1TrueDBGrid.BackgroundPictureDrawMode =
C1.Win.C1TrueDBGrid.BackgroundPictureDrawModeEnum.Tile;
this.c1TrueDBGrid1.CaptionStyle.ForeColor = System.Drawing.Color.White;
this.c1TrueDBGrid1.CaptionStyle.Font = new
Font(this.c1TrueDBGrid1.CaptionStyle.Font, FontStyle.Bold);
```

This code also adjusts the color of the caption text and makes it bold, producing the following display.

Composers		
First	Last	Country
Isaac	Albeniz	Spain
Johann Sebastian	Bach	Germany
Samuel	Barber	United States
Bela	Bartok	Hungary
Ludwig van	Beethoven	Germany
Alban	Berg	Austria
Luciano	Berio	Italy

Achieve the same effect at design time by editing either the built-in Caption style in the **C1TrueDBGrid Style Editor**, or the members of the [CaptionStyle](#) property in the Properties window.

By default, background pictures are centered within the associated grid element. Depending upon the height of the background bitmap, adjust the value of the [BackgroundPictureDrawMode](#) property to ensure that the entire area is filled. This property determines whether the picture is centered, tiled, or stretched to fit the entire area, as shown in the following table.

Center	Tile	Stretch

Also use background pictures within data cells to produce interesting visual effects. For example, the following patterns were designed to be replicated in adjacent rows.



By eliminating the record selector column, the dividing lines between data rows, and the column header dividers, these patterns can be used to produce the following display.

Title	ISBN
Advanced Html : How to Do Cool Things With Your Web Site	1-5561594-8-X
Developing Applications With Microsoft Office : Strategies for Designing, Developing, and Implementing Microsoft Office Solutions	1-5561566-5-0
Developing Business Solutions With Microsoft Visual Basic and Microsoft Office	1-5561589-9-8
Developing International Software for Windows 95 and Windows Nt (Microsoft Foundations Series)	1-5561584-0-8
Developing Microsoft Excel 95 Solutions : With Visual Basic for Applications/Book and Disk	1-5561589-3-9
Field Guide to Microsoft Powerpoint for Windows 95	1-5561584-1-6
Field Guide to MS Access for Windows 95	1-5561587-5-0
Field Guide to the Internet	1-5561582-2-X
Hardcore Visual Basic/Book and Disk	1-5561566-7-7
Hitchhiker's Guide to Visual Basic & Sql Server - Fourth Edition (Book and Disk)	1-5561590-6-4
Inside Odbc/Book and Cd-Rom	1-5561581-5-7
Inside Ole/Book and Cd-Rom (Microsoft Programming)	1-5561584-3-2
Inside Visual C++ (Microsoft Programming/Book and Cd-Rom)	1-5561589-1-2
Learn Microsoft Visual Basic 4 Now : The Complete Learning Solution for Visual Basic	1-5561590-5-6
Mastering Microsoft Access/Book and Cd-Rom (Microsoft Mastering Series)	1-5561591-2-9
Mastering Microsoft Visual Basic/Book and Cd Rom (Microsoft Mastering Series)	1-5561591-3-7

The trick is to insert an empty unbound column on the left to display the binder rings, as the following code sample demonstrates:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
' Give the grid a flat appearance and remove its record selectors, row dividers,
and scroll bars.
With Me.C1TrueDBGrid1
    .InactiveStyle.ForeColor = System.Drawing.Color.White
    .RecordSelectors = False
    .RowDivider.Style = LineStyleEnum.None
    .RowHeight = 16
    .HScrollBar.Style = ScrollBarStyleEnum.None
        .VScrollBar.Style = ScrollBarStyleEnum.None
    .MarqueeStyle = MarqueeEnum.NoMarquee
End With

' Set the background pattern to be used by data cells in the default split (so
as not to disturb the Normal style).
With Me.C1TrueDBGrid1.Splits(0).Style
    .BackgroundImage = System.Drawing.Image.FromFile("paper.bmp")
    .BackgroundPictureDrawMode = BackgroundPictureDrawModeEnum.Tile
End With

' Create an empty unbound column on the left to hold the binder rings. Remove
its dividing lines and set the BackroundBitmap property of its Style object.
Dim col as New C1TrueDBGrid.C1DataColumn()
Me.C1TrueDBGrid.Columns.InsertAt(0, col) Dim C As C1TrueDBGrid.C1DisplayColumn
C = Me.C1TrueDBGrid1.Splits(0).DisplayColumns(col)
With C
    .Width = 48
    .Visible = True
    .Style.BackgroundImage = System.Drawing.Image.FromFile("rings.bmp")
    .HeaderDivider = False
    .ColumnDivider.Style = LineStyleEnum.None
End With
```

```

' Scroll the unbound column into view.
Me.C1TrueDBGrid1.Col = 0

' Resize the Title column and remove its header dividers.
Set C = Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Title")
With C
    .Width = 380
    .HeaderDivider = False
End With

' Use a small corner of the binder ring bitmap as the background of the column
headers, and adjust the font and text color accordingly.
Dim myfont As Font
With Me.C1TrueDBGrid1.HeadingStyle
    .BackgroundImage = System.Drawing.Image.FromFile("corner.bmp")
    .BackgroundPictureDrawMode = BackgroundPictureDrawModeEnum.Tile
    myfont = New Font(.Font, 10, FontStyle.Bold)
    .Font = myfont
    .ForeColor = System.Drawing.Color.White
End With

```

To write code in C#

C#	Copy Code
<pre> // Give the grid a flat appearance and remove its record selectors, row dividers, and scroll bars. Assume that the ScaleMode of the containing form is in pixels.  this.c1TrueDBGrid1.InactiveStyle.ForeColor = System.Drawing.Color.White; this.c1TrueDBGrid1.RecordSelectors = false; this.c1TrueDBGrid1.RowDivider.Style = LineStyleEnum.None; this.c1TrueDBGrid1.RowHeight = 16; this.c1TrueDBGrid1.HScrollBar.Style = ScrollBarStyleEnum.None; this.c1TrueDBGrid1.VScrollBar.Style = ScrollBarStyleEnum.None; this.c1TrueDBGrid1.MarqueeStyle = MarqueeEnum.NoMarquee;  // Set the background pattern to be used by data cells in the default split (so </pre>	

```

as not to disturb the Normal style).

this.c1TrueDBGrid1.Splits[0].Style.BackgroundImage =
System.Drawing.Image.FromFile("paper.bmp");
this.c1TrueDBGrid1.Splits[0].Style.BackgroundPictureDrawMode =
BackgroundPictureDrawModeEnum.Tile;

// Create an empty unbound column on the left to hold the binder rings. Remove
its dividing lines and set the BackroundBitmap property of its Style object.
C1TrueDBGrid.C1DataColumn col = new C1TrueDBGrid.C1DataColumn();
this.C1TrueDBGrid.Columns.InsertAt(0, col);
C1TrueDBGrid.C1DisplayColumn C =
this.c1TrueDBGrid1.Splits[0].DisplayColumns[col];
    C.Width = 48;
C.Visible = true;
C.Style.BackgroundImage = System.Drawing.Image.FromFile["rings.bmp"];
C.HeaderDivider = false;
    C.ColumnDivider.Style = LineStyleEnum.None;

// Scroll the unbound column into view.
this.c1TrueDBGrid1.Col = 0;

// Resize the Title column and remove its header dividers.
C = this.c1TrueDBGrid1.Splits[0].DisplayColumns["Title"];
C.Width = 380;
C.HeaderDivider = false;

// Use a small corner of the binder ring bitmap as the background of the column
headers, and adjust the font and text color accordingly.
Font myfont;
this.c1TrueDBGrid1.HeadingStyle.BackgroundImage =
System.Drawing.Image.FromFile("corner.bmp");
this.c1TrueDBGrid1.HeadingStyle.BackgroundPictureDrawMode =
BackgroundPictureDrawModeEnum.Tile;
myfont = new Font(.Font, 10, FontStyle.Bold);
this.c1TrueDBGrid1.HeadingStyle.Font = myfont;
this.c1TrueDBGrid1.HeadingStyle.ForeColor = System.Drawing.Color.White;

```

## Displaying Foreground Pictures

Use foreground pictures to add visual cues to static grid elements such as caption bars, column headers, and column footers. Foreground Pictures are specified by the [ForegroundImage](#) property of the [Style](#). Foreground pictures can be displayed beside some text or in place of it, but cannot be displayed over text.

Foreground pictures have the [ForeGroundPicturePosition](#) property, which specifies where a foreground picture is situated in comparison to the cell text. The values and their representations are displayed as follows:

Position	Display
Near	 Cell Text
Far	Cell Text 
LeftOfText	 Cell Text
RightOfText	Cell Text 
TopOfText	 Cell Text
BottomOfText	Cell Text 
PictureOnly	
TextOnly	Cell Text

## Cell Editing Techniques

This section explains how to customize the behavior of cell editing in **True DBGrid for WinForms**.

For text entry fields, write code in the grid's editing events, specify an input mask template, or display a drop-down text editor for long strings. To provide a list of choices for the user, use the [ValueItemCollection](#) object, the [C1TrueDBDropDown](#) control, or even an arbitrary intrinsic or third-party control.

## See Also

[How Cell Editing Works](#)

[Handling Editing Events](#)

[Working with Text](#)

[Input Masking](#)

[In-Cell Buttons](#)

[Drop-Down Controls](#)

## How Cell Editing Works

**True DBGrid for WinForms** provides many features for customizing and controlling in-cell editing. The grid's default editing behavior depends on the setting of the [MarqueeStyle](#) property. If the floating editor marquee style is used, the editing behavior differs from that of other marquee styles. The following sections summarize **True DBGrid for WinForms**' editing behavior and state any exceptions that arise when using the floating editor.

For more information on the [MarqueeStyle](#) property, see [Highlighting the Current Row or Cell](#).

## See Also

[Initiating Cell Editing](#)

[Color and Wordwrap](#)

[Determining Modification Status](#)

[Determining Cell Contents](#)

[Terminating Cell Editing](#)

### Initiating Cell Editing

A cell is either in display or edit mode. The [EditActive](#) property sets and returns the desired mode.

Place the current cell in edit mode by setting [EditActive](#) to **True**, or end editing by setting it to

**False**. The user may enter edit mode by clicking once on the current cell or by pressing the F2 key.

A blinking text cursor (caret) will appear in the cell—at the beginning of the text when the cell is clicked and at the end when the F2 key is used. The [BeforeColEdit](#) event will be triggered when the cell enters edit mode. The [EditActive](#) property is **True** when the cell is in edit mode.

*Floating Editor Differences:* A blinking caret already exists at the beginning of the cell highlight even when in display mode. To enter edit mode, the user can click on any character location within the cell text to specify the text insertion point. The [BeforeColEdit](#) event is not triggered and the [EditActive](#) property is **False** until the user has made changes to the cell text.

### [Color and Wordwrap](#)

In edit mode, the cell color is determined by the [ForeColor](#) and [BackColor](#) properties of the **EditorStyle** style object. The text being edited will wordwrap, regardless of the setting of the column style's [WrapText](#) property. If the text is too big to fit into the cell, a built-in drop-down edit control will automatically appear. For more information, see [Working with Text](#).

*Floating Editor Differences:* In edit mode, the text highlight disappears, and the cell color is the same as the normal cell color. The text being edited is wrapped only if the column style's [WrapText](#) property is **True**. The built-in drop-down edit control is not available.

### [Determining Modification Status](#)

While editing is in progress, inspect the [DataChanged](#) property of the grid to determine whether the user has made any changes to the current row.

Set the grid's [DataChanged](#) property to **False** to exit editing, discard all changes to the current row, and refresh the current row display from the data source.

The icon in the record selector column of the current row reflects the status of the grid's [DataChanged](#) property. If [DataChanged](#) is **False**, a triangle-shaped arrow will be shown in the record selector column. If [DataChanged](#) is **True**, a pencil icon will appear instead.

### [Determining Cell Contents](#)

While editing is in progress, the column's [Text](#) and [Value](#) properties contain the text the user currently sees in the modified row. Whenever the user presses a key, the [Change](#) event fires to notify the application that the user has just modified the current cell. However, the [Change](#) event does not mean the user is finished with the process, only that a single change has been made and the grid is still in edit mode.

The [Change](#) event does not fire when the grid is not in edit mode, such as when the contents of a cell are changed through code or when the user clicks a cell to cycle through [ValueItem](#) objects.

### [Terminating Cell Editing](#)

The user completes the editing process by performing any of the following:

- Pressing the ENTER key.
- Pressing the ESC key.
- Moving to another cell with the arrow keys, the TAB key, or the mouse.

- Setting focus to another control on the form.

## Handling Editing Events

The following sections describe the default editing behavior of **True DBGrid for WinForms** can be altered by responding to its events.

## See Also

[Standard Keystroke Events](#)

[Column Editing Events](#)

[Changing Cell Contents with a Single Keystroke](#)

### Standard Keystroke Events

**True DBGrid for WinForms** supports the standard keystroke events contained in the .NET environment:

Event	Description
<b>KeyDown</b>	Fired when the user presses a key.
<b>KeyPress</b>	Fired when the user presses an ANSI key.
<b>KeyUp</b>	Fired when the user releases a key.

The **KeyDown** and **KeyUp** events trap all keys, including function keys, ALT and SHIFT keys, and numeric keypad keys. The **KeyPress** event only traps letters and numbers, punctuation marks and symbols, and editing keys such as TAB, ENTER, and BACKSPACE.

Use these events to restrict and modify user input as you would be done for any other intrinsic .NET control. For example, the following **KeyDown** event handler prevents the user from entering non-alphanumeric characters:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
	<pre>Private Sub C1TrueDBGrid1_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles C1TrueDBGrid1.KeyPress</pre>

```

' Cancel user key input if it is not a letter or a digit.
If Not e.KeyChar.IsLetterOrDigit(e.KeyChar) Then
    e.Handled = True
End If
End Sub

```

To write code in C#

C#	Copy Code
	<pre> private void C1trueDBGrid1_KeyPress(object sender, System.Windows.Forms.KeyPressEventArgs e) {     // Cancel user key input if it is not a letter or a digit.     if (! e.KeyChar.IsLetterOrDigit(e.KeyChar])     {         e.Handled = true ;     } } </pre>

For more information on these or any other native .NET events see MSDN or .NET help.

### Column Editing Events

**True DBGrid for WinForms** provides full control over the cell editing process with the following events, listed in the order in which they occur during a successful editing attempt:

Event	Description
BeforeColEdit	Fired upon an attempt to edit column data.
ColEdit	Fired when the current cell enters edit mode.
AfterColEdit	Fired after column data is edited.

Use the [BeforeColEdit](#) event to control the editability of cells on a per-cell basis, or to translate the initial keystroke into a default value.

The [ColEdit](#) event signals that the current cell has entered edit mode; the [AfterColEdit](#) event signals that edit mode was terminated. Use these two events to provide additional feedback while editing is in progress:

To write code in Visual Basic

Visual Basic	Copy Code
--------------	-----------

```
Private Sub C1TrueDBGrid1_ColEdit(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.ColEventArgs) Handles C1TrueDBGrid1.ColEdit  
    Select Case e.Columns.DataColumn.Caption  
        Case "Code"  
            Me.Label1.Text = "Enter 4-digit company code"  
        Case "Description"  
            Me.Label1.Text = "Enter full company name"  
    End Select  
End Sub  
  
Private Sub C1TrueDBGrid1_AfterColEdit (ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.ColEventArgs) Handles C1TrueDBGrid1.AfterColEdit  
  
    ' Clear editing instructions.  
    Me.Label1.Text = ""  
End Sub
```

To write code in C#

C#	Copy Code
----	-----------

```
private void C1trueDBGrid1_ColEdit(object sender,  
C1.Win.C1TrueDBGrid.ColEventArgs e)  
{  
    switch(e.Columns.DataColumn.Caption)  
    {  
        Case "Code":  
            this.Label1.Text = "Enter 4-digit company code";  
            break;  
        Case "Description":  
            this.Label1.Text = "Enter full company name";  
            break;  
    }  
}
```

```

}

private void C1TrueDBGrid1_AfterColEdit(object sender,
C1.Win.C1TrueDBGrid.ColEventArgs e)
{
    // Clear editing instructions.
    this.Label1.Text = "";
}

```

### Changing Cell Contents with a Single Keystroke

You can use the [BeforeColEdit](#) event to customize the editing behavior of **True DBGrid for WinForms** controls. [BeforeColEdit](#) is fired before any other editing events occur, which provides the opportunity to do virtually anything desired before editing begins. For example, cancel the edit request and override the built-in text editor with your own drop-down list box.

A **True DBGrid for WinForms** control enters edit mode in one of four ways:

- If the user clicks on the current cell with the mouse, editing begins with the current cell contents.
- If the user presses the F2 key, editing also begins using the current cell contents.
- If the user begins typing, the typed character replaces the contents of the cell and editing begins.
- You can set the [EditActive](#) property in your code to force editing to begin.

The [BeforeColEdit](#) event fires in the first three cases, but *not* in the last case, since **True DBGrid for Winforms** assumes you will never want to cancel a request made from code.

To differentiate a user's edit request based upon whether he or she used the mouse or the keyboard to start editing, set [BeforeColEdit](#) to [KeyChar](#), which will be zero if the user clicked on the cell with the mouse, and will be an ASCII character if the user typed a character to begin editing.

When [BeforeColEdit](#) is fired, the ASCII character has not yet been placed into the current cell, so if editing in [BeforeColEdit](#) is cancelled, the ASCII key is discarded. This leads to an interesting technique.

Assume a Boolean field called *Done* exists, and its [NumberFormat](#) property is set to specify Yes/No as the display format. Further assume that, when the user presses Y or N, the cell contents change immediately instead of entering edit mode. This process is accomplished in [BeforeColEdit](#) as follows:

[To write code in Visual Basic](#)

Visual Basic

Copy Code

```
Private Sub C1TrueDBGrid1_BeforeColEdit(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.BeforeColEditEventArgs) Handles C1TrueDBGrid1.BeforeColEdit  
With Me.C1TrueDBGrid1.Columns(e.ColIndex)  
  
    ' If this isn't the "Done" column, or if the user clicked with the  
    ' mouse, then simply continue.  
    If .DataField <> "Done" Or e.KeyChar = Chr(0) Then Exit Sub  
  
    ' Cancel normal editing and set the field to the proper result based  
    ' upon KeyChar. Beep if an invalid character was typed.  
    e.Cancel = True  
    Select Case UCase(e.KeyChar)  
        Case "Y"  
            .Value = -1  
        Case "N"  
            .Value = 0  
        Case Else  
            Beep()  
    End Select  
    End With  
End Sub
```

To write code in C#

C#

Copy Code

```
private void C1TrueDBGrid1_BeforeColEdit( object sender,  
C1.Win.C1TrueDBGrid.BeforeColEditEventArgs e)  
{  
    C1.Win.C1DataColumn col = e.Column.DataColumn;  
  
    // If this isn't the "Done" column, or if the user clicked with the mouse,  
    // then simply continue.  
    if (col.DataField != "Done" || e.KeyChar == 0 ) return;
```

```

// Cancel normal editing and set the field to the proper result based upon
KeyChar. Beep if an invalid character was typed.
e.Cancel = true;
switch (e.KeyChar. .ToUpper())
{
    case "Y";
        Col.Value = -1;
        break;
    case "N";
        Col.Value = 0;
    default:;
        Beep();
}
}

```

Note that the event handler terminates when [KeyChar](#) is zero, so mouse editing is still permitted.

## Working with Text

This section briefly describes the properties related to text editing.

## See Also

[Limiting the Size of Data Entry Fields](#)

[Providing a Drop-Down Edit Control for Long Fields](#)

[Selecting and Replacing Text](#)

### Limiting the Size of Data Entry Fields

Use the [DataWidth](#) property of a [C1 DataColumn](#) object to restrict the number of characters the user can enter. Setting this property to zero imposes no limits.

### Providing a Drop-Down Edit Control for Long Fields

Whenever the user attempts to edit cell text that is too big to fit within the cell, the grid will automatically activate a multiple-line drop-down text editor. While editing, text in the drop-down edit control will be wrapped regardless of the setting of the column style's [WrapText](#) property. The drop-down text editor can be turned off and editing can be forced to occur within cell boundaries by setting the grid's [EditDropDown](#) property to **False** (the default is **True**). The drop-down text editor is **not** available if the grid's [MarqueeStyle](#) property is set to [MarqueeEnum.FloatingEditor](#). The following code uses the grid's built-in column button feature to activate the drop-down edit control to modify the cell data in the *Comments* column:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load     With Me.C1TrueDBGrid1         .MarqueeStyle = MarqueeEnum.SolidCellBorder         .Splits(0).DisplayColumns("Comments").Button = True          ' Redundant since default = True.         .EditDropDown = True     End With End Sub  Private Sub C1TrueDBGrid1_ButtonClick(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.ColeEventArgs) Handles C1TrueDBGrid1.ButtonClick     ' Place the cell into edit mode.     Me.C1TrueDBGrid1.EditActive = True End Sub</pre>	

To write code in C#

C#	Copy Code
<pre>private void Form1_Load(System.object sender, System.EventArgs e) {     C1TrueDBGrid1.MarqueeStyle = MarqueeEnum.SolidCellBorder;     C1TrueDBGrid1.Splits[0].DisplayColumns["Comments"].Button = true;      // Redundant since default = true.     C1TrueDBGrid1.EditDropDown = true; }  private void C1TrueDBGrid1_ButtonClick(object sender, C1.Win.C1TrueDBGrid.ColeEventArgs e) {     // Place the cell into edit mode.     this.c1TrueDBGrid1.EditActive = true;</pre>	

```
}
```

If the current cell is in the *Comments* column, initiate editing either by clicking on the current cell or by clicking the built-in button.

### Selecting and Replacing Text

**True DBGrid for WinForms** supports the standard text selection properties found in many TextBox type controls:

Property	Description
<a href="#">SelectionLength</a>	Sets/returns the length of the selected text.
<a href="#">SelectionStart</a>	Sets/returns the start position of the selected text.
<a href="#">SelectedText</a>	Sets/returns the selected text.

 **Note:** These properties are only effective when the grid is in edit mode, that is, when its [EditActive](#) property is **True**.

## Input Masking

Use the [NumberFormat](#) property to control the display format of column data. If users need to edit a formatted column, it is desirable to maintain a consistent format during the editing process. **True DBGrid for WinForms** provides an [EditMask](#) property that optionally works in concert with the [NumberFormat](#) property to ensure consistent data entry.

## See Also

[Specifying an Input Mask for a Column](#)

[Using an Input Mask for Formatting](#)

[Controlling How Masked Input is Updated](#)

### Specifying an Input Mask for a Column

The [EditMask](#) property of the [C1 DataColumn](#) object is used to specify an input mask template for end-user data entry. The input mask string is composed of special characters that represent either an input character that the user must enter or a literal character that will be skipped over on input. Valid template characters are as follows:

The [EditMask](#) must be a string composed of the following symbols:

### 1. Wildcards

- 0 digit
- 9 digit or space
- # digit or sign
- L letter
- ? letter or space
- A letter or digit
- a letter, digit, or space
- & any character

### 2. Localized characters

- . localized decimal separator
- ,
 localized thousand separator- :
 localized time separator- / localized date separator

### 3. Command characters

- \ next character is taken as a literal
- > translate letters to uppercase
- < translate letters to lowercase

For example:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
' Set the mask so the user can enter a phone number, with optional area code, and a state in capitals.	

```
Me.C1TrueDBGrid1.Columns(0).EditMask = "(###) 000-0000 St\ate\: >LL"
```

To write code in C#

C#	Copy Code
	<pre>// Set the mask so the user can enter a phone number, with optional area code, and a state in capitals. this.c1TrueDBGrid1.Columns[0].EditMask = "(###) 000-0000 St\\ate\\: &gt;LL";</pre>

## Using an Input Mask for Formatting

Whereas the [EditMask](#) property is used to specify an input mask for *data entry*, the [NumberFormat](#) property is used to specify the *display format* of data in a grid cell. If the [NumberFormat](#) property of the column is not specified, the grid simply displays the cached text (stripped of literals) as is; if the [NumberFormat](#) property is specified, the grid sends the cached text to the display formatter.

Since it is common for the input and display formats to be the same, the [NumberFormat](#) property has an *Edit Mask* option. If this option is selected, then the [EditMask](#) property setting will be used for both data input and display. However, the input and display formats need not be the same, so a [NumberFormat](#) option that differs from the [EditMask](#) property can be selected.

## Controlling How Masked Input is Updated

Normally, after the user finishes editing a cell in a column which has its [EditMask](#) property set, **True** **DBGrid for Winforms** caches the modified cell text, but any literal characters in the input mask template will be stripped from the modified cell text beforehand. However, this behavior can be overridden with the [EditMaskUpdate](#) property.

By default, the [EditMaskUpdate](#) property is **False**. This means that when the modified cell text is updated to the database, the grid sends the cached text (stripped of literals), not the formatted text displayed in the cell. Override this default behavior by setting the [EditMaskUpdate](#) property to **True**, which causes the cached text to be formatted according to the [EditMask](#) property before being updated to the database.

Therefore, it is important to set [EditMaskUpdate](#) properly to ensure that the correct data is sent to the database for update.

## In-Cell Buttons

**ComponentOne True DBGrid for WinForms** supports a variety of in-cell button options for the current cell or for all cells within specified columns. Use in-cell buttons to indicate that a list of choices is available, to perform a command associated with the contents of the cell, or to display an arbitrary control or form for editing.

## See Also

[Enabling the In-Cell Button](#)

[Rendering Cells as Command Buttons](#)

[Detecting In-Cell Button Clicks](#)

[Customizing the In-Cell Button Bitmap](#)

### Enabling the In-Cell Button

To enable the in-cell button for a [C1DisplayColumn](#) object, set its **Button** property to **True** in code:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Button = True
```

[To write code in C#](#)

C#

[Copy Code](#)

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Button = true;
```

The **Button** property is also enabled when the column's **DropDown** property is set to the name of a [C1TrueDBDropDown](#) control, or when the **Presentation** property of the associated [ValueItemCollection](#) object is set to one of the combo box options.

By default, the in-cell button displays only for the current cell, as shown in the following image:

Company	LastName	FirstName	
Microcomputer Consulting	Clark	Allen	
Computer Engineering	Gordon	Alan	
Software Designs	Quinn	Ann	
► Computer Communications	Wheeler	Alice	
Microcomputers Unlimited	Ardmore	Beverly	
Computer Applications	Fredericks	Carey	
Micro Mechanics	Ziegler	Carl	
Software Specialists	Elkins	David	

However, by setting the column's **ButtonAlways** property to **True**, you can force the in-cell button to be displayed in every row:

Company	LastName	FirstName	
Microcomputer Consulting	Clark	Allen	
Computer Engineering	Gordon	Alan	
Software Designs	Quinn	Ann	
Computer Communications	Wheeler	Alice	
Microcomputers Unlimited	Ardmore	Beverly	
Computer Applications	Fredericks	Carey	
Micro Mechanics	Ziegler	Carl	
Software Specialists	Elkins	David	

### Rendering Cells as Command Buttons

To render the current cell as a non-editable command button within a **C1DisplayColumn** object, set its **ButtonText** property to **True** in code:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).ButtonText = True</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].ButtonText = true;</pre>	

When a cell within the column receives focus, it is rendered as a standard Windows command button using the cell text as the caption. The cell text is not centered automatically, but respects the column's horizontal and vertical alignment settings:

Company	LastName	FirstName	
Microcomputer Consulting	Clark	Allen	
Computer Engineering	Gordon	Alan	
Software Designs	Quinn	Ann	
► Computer Communications	Wheeler	Alice	
Microcomputers Unlimited	Ardmore	Beverly	
Computer Applications	Fredericks	Carey	
Micro Mechanics	Ziegler	Carl	
Software Specialists	Elkins	David	

If both the **Button** and **ButtonText** properties are **True**, the **ButtonText** property takes precedence.

As with the default in-cell button, set the column's **ButtonAlways** property to **True** to force all of its cells to be displayed as command buttons. Only the current cell is drawn with a focus rectangle, however:

Company	LastName	FirstName	
► Microcomputer Consulting	Clark	Allen	
Computer Engineering	Gordon	Alan	
Software Designs	Quinn	Ann	
Computer Communications	Wheeler	Alice	
Microcomputers Unlimited	Ardmore	Beverly	
Computer Applications	Fredericks	Carey	
Micro Mechanics	Ziegler	Carl	
Software Specialists	Elkins	David	

### Detecting In-Cell Button Clicks

The **ButtonClick** event is provided so that code can respond when the user clicks the in-cell button. Its syntax is as follows:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_ButtonClick(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.ColEventArgs) Handles C1TrueDBGrid1.ButtonClick</pre>	

To write code in C#

C#	Copy Code

```
private void C1TrueDBGrid1_ButtonClick( object sender,
C1.Win.C1TrueDBGrid.ColeEventArgs e)
```

In-cell buttons always fire this event when clicked, regardless of whether they were enabled by the **Button** or **ButtonText** properties. An example of the **ButtonClick** event was presented earlier in the section [Working with Text](#).

### Customizing the In-Cell Button Bitmap

By default, **True DBGrid for WinForms** uses a down arrow for the in-cell button. 

However, the button bitmap can be changed for a **C1DisplayColumn** object at design time by setting the **ButtonPicture** property in code:

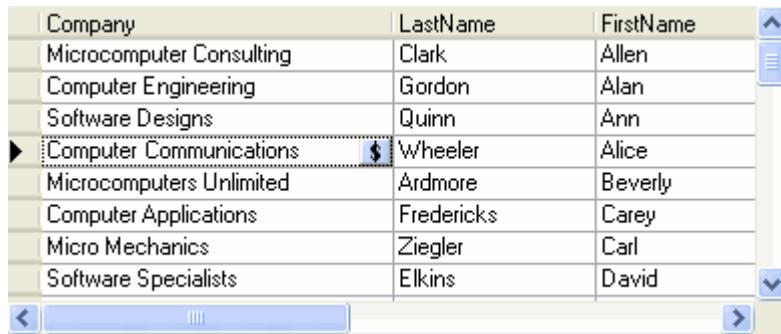
[To write code in Visual Basic](#)

Visual Basic	Copy Code
Me.C1TrueDBGrid1.Columns(0).ButtonPicture = System.Drawing.Image.FromFile("dollar.bmp")	<a href="#">Copy Code</a>

[To write code in C#](#)

C#	Copy Code
this.c1TrueDBGrid1.Columns[0].ButtonPicture = System.Drawing.Image.FromFile("dollar.bmp");	<a href="#">Copy Code</a>

The grid automatically draws the edges corresponding to the button's up/down states as appropriate, so only the interior image of the button needs to be provided.



Company	LastName	FirstName
Microcomputer Consulting	Clark	Allen
Computer Engineering	Gordon	Alan
Software Designs	Quinn	Ann
Computer Communications	Wheeler	Alice
Microcomputers Unlimited	Ardmore	Beverly
Computer Applications	Fredericks	Carey
Micro Mechanics	Ziegler	Carl
Software Specialists	Elkins	David

## Drop-Down Controls

**True DBGrid for WinForms** offers a wide variety of built-in controls and programming constructs that enable you to implement virtually any kind of drop-down cell editing interface. Use the [ValueItems](#) object and its collection of [ValueItem](#) objects to provide a simple pick list, or the [C1TrueDBDropDown](#) control to implement a data-aware multicolumn combo box. Arbitrary Visual Basic or third-party controls can be used to perform specialized editing functions.

## See Also

[Using the Built-In Combo Box](#)

[Detecting Built-In Combo Box Selections](#)

[Using the C1TrueDBDropDown Control](#)

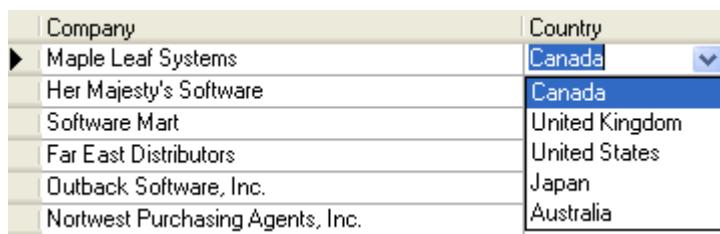
[Automatic Data Translation with C1TrueDBDropDown](#)

[Using an Arbitrary Drop-Down Control](#)

[Using the Built-In Column Button](#)

### Using the Built-In Combo Box

The [C1DataColumn](#) object's [ValueItems](#) object optionally provides a built-in combo box interface that works in concert with its automatic data translation features. By default, the [Presentation](#) property is set to [PresentationEnum.Normal](#), and the usual cell editing behavior is in effect for textual data. However, if the [Presentation](#) property is set to either [PresentationEnum.ComboBox](#) or [PresentationEnum.SortedComboBox](#), then cells in the affected column display the in-cell button upon receiving focus. When the user clicks the in-cell button, a drop-down combo box appears.



The drop-down combo box contains one item for each member of the [ValueItemCollection](#) object. If the collection's [Translate](#) property is **True**, then the [DisplayValue](#) text is used for the combo box items; if it is **False**, then the [Value](#) text is used.

**True DBGrid for WinForms** automatically sizes the drop-down combo box to fit the width of the column in which it is displayed. The height of the combo box is determined by the number of items in the collection and the [MaxComboItems](#) property. If the number of items is less than or equal to [MaxComboItems](#), which has a default value of 5, and then all value items will be shown. If the

number of items exceeds [MaxComboItems](#), only [MaxComboItems](#) will be shown, but a scroll bar will appear at the right edge of the combo box to allow users to bring the other items into view.

### Detecting Built-In Combo Box Selections

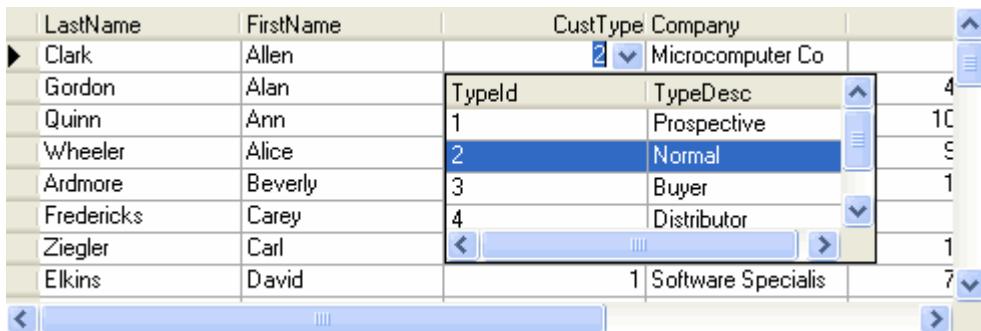
The [ComboSelect](#) event is fired when the user selects an item from the built-in combo box. This event is useful for determining the contents of the cell before the user exits edit mode.

Since the items displayed in the built-in combo box are often the only allowable values for the underlying data source, you may need to prevent your users from typing in the cell after making a selection. By setting the [C1DisplayColumn](#) property [DropDownList](#) equal to **True**, the attached [C1TrueDBDropDown](#) control will now be limited to use only as a list box. No new values or changes will be allowed in the drop-down and so the underlying database cannot be updated with false information.

### Using the C1TrueDBDropDown Control

The built-in drop-down combo box described in the preceding example is most useful when the allowable values are both known in advance and relatively few in number. A large collection of [ValueItem](#) objects can be unwieldy to maintain in the designer, and requires substantial coding to set up. Moreover, the built-in combo box cannot be bound to a data control and be populated automatically.

Using the techniques outlined later in this chapter, set up a secondary [C1TrueDBGrid](#) control to be used as a drop-down. However, to display a list of values from another data source, the [C1TrueDBDropDown](#) control offers a more elegant solution, as it was designed explicitly for that purpose and can be set up entirely at design time.



A screenshot of a Microsoft Access form. The form contains a grid with columns for LastName, FirstName, CustType, and Company. The CustType column is currently selected, showing a dropdown menu with options: 1, Prospective; 2, Normal (which is highlighted); 3, Buyer; and 4, Distributor. The Company column shows 'Microcomputer Co' for the first row. The grid has scroll bars and navigation buttons at the bottom.

LastName	FirstName	CustType	Company
Clark	Allen	2	Microcomputer Co
Gordon	Alan	Typeld	TypeDesc
Quinn	Ann	1	Prospective
Wheeler	Alice	2	Normal
Ardmore	Beverly	3	Buyer
Fredericks	Carey	4	Distributor
Ziegler	Carl		
Elkins	David	1	Software Specialis

To use the drop-down control, set the [DropDown](#) property of a grid column to the [C1TrueDBDropDown](#) control either in the designer or in code. At run time, when the user clicks the in-cell button for that column, the [C1TrueDBDropDown](#) control will appear below the grid's current cell. If the user selects an item from the drop-down control, the grid's current cell is updated.

Since the [C1TrueDBDropDown](#) control is a subset of [C1TrueDBGrid](#), it shares many of the same properties, methods, and events. However, the following two properties are specific to the [C1TrueDBDropDown](#) control:

Property	Description
<a href="#">ValueMember</a>	This property specifies the drop-down column used to update the associated grid column when a selection is made.
<a href="#">DisplayMember</a>	This property specifies the name of the drop-down column to be used for incremental search.

When a [C1TrueDBDropDown](#) control becomes visible, its [DropDownOpen](#) event fires. Similarly, when the user makes a selection or the control loses focus, its [DropDownClose](#) event fires.

### Automatic Data Translation with C1TrueDBDropDown

Suppose a grid drop-down box is needed using data that contains a value and a corresponding text representation, as in the following image:

TypeId	TypeDesc
1	Prospective
2	Normal
3	Buyer
4	Distributor
5	Other

In this situation, you may not want the user to see the somewhat ambiguous *TypeId*, but instead want the more understandable *TypeDesc* to show in the drop-down. The [ValueTranslate](#) property automatically maps the *TypeId* value to the *TypeDesc* representation. In this way, when the user accesses the drop-down, it will display the *TypeDesc* text.

### Using an Arbitrary Drop-Down Control

Normally, **True DBGrid for WinForms**' default editing behavior is sufficient for most applications. In some cases, however, you may want to customize this behavior. One valuable technique is to use a drop-down list or combo box, or even another **True DBGrid for WinForms** control, to allow selection from a list of possible values. This is easy to do with **True DBGrid for WinForms** using virtually any Visual Studio or third-party control. The general approach follows, and a working example is given in [Tutorial 9: Attaching an Arbitrary Drop-Down Control to a Grid Cell](#).

In general, displaying a drop-down list or combo instead of the standard **True DBGrid** editor involves the following steps:

1. **True DBGrid for WinForms** fires the [BeforeColEdit](#) event each time the user wants to edit a cell. To override the default editing process, cancel **C1TrueDBGrid**'s default editor by setting the *Cancel* parameter to **True**. Put code in [BeforeColEdit](#) to display the editing

control you wish to show instead. Typically, you place the substitute editing control or drop-down on the same form as the grid, but make it invisible until you need it.

2. When **BeforeColEdit** is triggered, there are five properties and one method that can be used to determine the exact coordinates of the cell that is to be edited. The properties are **Left** (applies to grid and column), **Top** (grid and column), **CellTop** (column only, used with multiple line displays), **Width** (column only), and **RowHeight**(grid only). The method is **RowTop** (grid only). Use these properties and method to position the custom editing control or drop-down relative to a grid cell. For example, place a **ListBox** control at the right edge of a cell and align its top border with that of the cell using the following code:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub C1TrueDBGrid1_BeforeColEdit(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.BeforeColEditEventArgs) Handles C1TrueDBGrid1.BeforeColEdit     Dim r As Rectangle =     Me.C1TrueDBGrid1.Splits(0).GetCellBounds(Me.C1TrueDBGrid1.Row, e.Column)     r = Me.C1TrueDBGrid1.RectangleToScreen(r)     r = Me.RectangleToClient(r)     Me.ListBox1.Left = r.Left     Me.ListBox1.Top = r.Bottom End Sub</pre>	

```
Private Sub C1TrueDBGrid1_BeforeColEdit(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.BeforeColEditEventArgs) Handles C1TrueDBGrid1.BeforeColEdit
    Dim r As Rectangle =
    Me.C1TrueDBGrid1.Splits(0).GetCellBounds(Me.C1TrueDBGrid1.Row, e.Column)
    r = Me.C1TrueDBGrid1.RectangleToScreen(r)
    r = Me.RectangleToClient(r)
    Me.ListBox1.Left = r.Left
    Me.ListBox1.Top = r.Bottom
End Sub
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>private void c1TrueDBGrid1_BeforeColEdit(object sender, C1.Win.C1TrueDBGrid.BeforeColEditEventArgs e) {     Rectangle r = this.c1TrueDBGrid1.Splits[0].GetCellBounds(this.c1TrueDBGrid1.Row, e.Column);     r = this.c1TrueDBGrid1.RectangleToScreen(r);     r = this.RectangleToClient(r);     this.ListBox1.Left = r.Left;     this.ListBox1.Top = r.Bottom; }</pre>	

```
private void c1TrueDBGrid1_BeforeColEdit(object sender,
C1.Win.C1TrueDBGrid.BeforeColEditEventArgs e)
{
    Rectangle r =
this.c1TrueDBGrid1.Splits[0].GetCellBounds(this.c1TrueDBGrid1.Row, e.Column);
    r = this.c1TrueDBGrid1.RectangleToScreen(r);
    r = this.RectangleToClient(r);
    this.ListBox1.Left = r.Left;
    this.ListBox1.Top = r.Bottom;
}
```

3. Put code in the drop-down or combo box which completes the editing process by assigning the selected value to the [Text](#) or [Value](#) property of the column being edited.

This method does not work, however, when the grid's [MarqueeStyle](#) property is set to the value of [MarqueeEnum.FloatingEditor](#). When the floating editor marquee is used, the [BeforeColEdit](#) event does not fire until the cell has been changed by the user. However, use the built-in column button feature to activate the drop-down box as described in the next section.

For illustrations of other [MarqueeStyle](#) settings, see [Highlighting the Current Row or Cell](#). An example of dropping down a Visual Basic ListBox control from a grid cell is given in [Tutorial 9: Attaching an Arbitrary Drop-Down Control to a Grid Cell](#).

### Using the Built-In Column Button

An alternative way to drop-down a control from a cell is to use **True DBGrid for WinForms**' built-in column button feature. If a column's [Button](#) property is set to **True**, a button will be displayed at the right edge of the current cell when it is in that column. Clicking the button fires the grid's [ButtonClick](#) event. Drop-down a control from the cell using code inside the [ButtonClick](#) event. Also use this event to trigger any action or calculation inside the cell.

## True DBGrid for WinForms Samples

Please be advised that this ComponentOne software tool is accompanied by various sample projects and/or demos which may make use of other development tools included with the ComponentOne Studios.

Samples can be accessed from the **ComponentOne Sample Explorer**. To view samples, on the desktop, click the **Start** button and then click **ComponentOne | Studio for WinForms | Samples | True DBGrid Samples**.

Click one of the following links to view a list of **ComponentOne True DBGrid for WinForms** samples:

### [Visual Basic Samples](#)

Sample	Description
AggreGateFooter	Using notifications to customize the grids footer. This sample uses the <a href="#">C1TrueDBGrid</a> control.
AutoFilter	Using <a href="#">C1TrueDBDropDown</a> in the filter bar. This sample uses the <a href="#">C1TrueDBGrid</a> and <a href="#">C1TrueDBDropDown</a> controls.

CustomFiltering	Roll your own filtering for the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
CustomSorting	Roll your own sorting. This sample uses the <a href="#">C1TrueDBGrid</a> control.
DateTimePicker	How to use a <b>DateTimePicker</b> control in the grid for date columns. This sample uses the <a href="#">C1TrueDBGrid</a> control.
FindRow	How to find a row in the underlying datasource. This sample uses the <a href="#">C1TrueDBGrid</a> control.
HyperLink	Add hyperlinks to cells. This sample uses the <a href="#">C1TrueDBGrid</a> control.
IncrementalSearch	Add incremental search to the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
MultipleLayouts	How to store multiple layout files. This sample uses the <a href="#">C1TrueDBGrid</a> control.
MultipleSelection	Select or deselect rows when you click a row.
SettingCellToNull	How to set the underlying datasource value to null. This sample uses the <a href="#">C1TrueDBGrid</a> control.
ToggleGroupRows	Programmatically expand/collapse rows in a grouped grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
TriStateCheckBox	How to add a tristate check box to the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
UsingC1TDBDropdown	How to use <a href="#">C1TrueDBDropDown</a> to map IDs to Names. This sample uses the <a href="#">C1TrueDBGrid</a> and <a href="#">C1TrueDBDropDown</a> controls.
Zoom	Change the size of the grid. This sample uses the <a href="#">C1TrueDBDropDown</a> control.

## C# Samples

Sample	Description
AggreGateFooter	Using notifications to customize the grids footer. This sample uses the <a href="#">C1TrueDBGrid</a> control.
AutoFilter	Using <a href="#">C1TrueDBDropDown</a> in the filter bar. This sample uses the <a href="#">C1TrueDBGrid</a> and <a href="#">C1TrueDBDropDown</a> controls.
CustomFiltering	Roll your own filtering for the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
CustomSorting	Roll your own sorting. This sample uses the <a href="#">C1TrueDBGrid</a> control.
DateTimePicker	How to use a datetimepicker control in the grid for date columns. This sample uses the <a href="#">C1TrueDBGrid</a> control.
FilterDefinitionTdbg	Uses the <b>FilterDefinition</b> property to save/load custom filters in code. This sample application enables users to apply one of a few pre-defined filters.
FindRow	How to find a row in the underlying datasource. This sample uses the <a href="#">C1TrueDBGrid</a> control.
HyperLink	Add hyperlinks to cells. This sample uses the <a href="#">C1TrueDBGrid</a> control.
IncrementalSearch	Add incremental search to the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
MultipleLayouts	How to store multiple layout files. This sample uses the <a href="#">C1TrueDBGrid</a> control.
MultipleSelection	Select or deselect rows when you click a row.

SettingCellToNull	How to set the underlying datasource value to null. This sample uses the <a href="#">C1TrueDBGrid</a> control.
ToggleGroupRows	Programmatically expand/collapse rows in a grouped grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
TriStateCheckBox	How to add a tristate check box to the grid. This sample uses the <a href="#">C1TrueDBGrid</a> control.
UsingC1TDBDropdown	How to use <a href="#">C1TrueDBDropDown</a> to map IDs to Names. This sample uses the <a href="#">C1TrueDBGrid</a> and <a href="#">C1TrueDBDropDown</a> controls.
Zoom	Change the size of the grid. This sample uses the <a href="#">C1TrueDBDropDown</a> control.

## True DBGrid for WinForms Tutorials

Twenty-Two tutorials are presented in this chapter. The tutorials assume that you are familiar with programming in Visual Studio .NET, know what a DataSet is, and generally know how to use bound controls. The tutorials provide step-by-step instructions—no prior knowledge of **ComponentOne True DBGrid for WinForms** is needed. By following the steps outlined in this chapter, you will be able to create projects demonstrating a variety of **True DBGrid for WinForms** features, and get a good sense of what the **True DBGrid for WinForms** can do and how to do it.

The tutorials use an Access database, **TDBGDemo.mdb**. The database file **TDBGDemo.mdb** is in the **Common** subdirectory of the **ComponentOne Studio for WinForms** program folder and the tutorial projects are in the **Tutorial** subdirectory of the **True DBGrid for WinForms** installation directory. Although the tutorials are numbered you do not have to complete them in order; the tutorial number refers to the files in the **Tutorial** subdirectory of the **True DBGrid for WinForms** installation directory.

We encourage you to run the tutorial projects in Visual Studio, examine the code, and experiment with your own modifications. This is the best and quickest way to realize the full potential of **True DBGrid**. You will find that **True DBGrid** is very easy to use, and it enables you to create powerful database applications.

The tutorials assume that the database file **TDBGDemo.mdb** is in the **C:\Users\username\Documents\ComponentOne Samples\Common** (XP) or **C:\Documents and**

**Settings\username\My Documents\ComponentOne Samples\Common** (Vista) directory, and refer to it by filename instead of the full pathname for the sake of brevity.

 **Note:** Depending on where you store the projects and database files, you may need to change the location of the **TDBGDemo.mdb** reference in the DataSet.

Some of the projects created in the following tutorials are built upon later tutorials; for example the projects created in tutorials 1, 3, 6, 7, 8, and 10 are used in other tutorials. As the projects created in some of the tutorials are used again in multiple tutorials it is recommended that you save your file after completing each tutorial.

## See Also

[Tutorial 1: Binding True DBGrid to a DataSet](#)

[Tutorial 2: Using True DBGrid for WinForms with SQL Query Results](#)

[Tutorial 3: Linking Multiple True DBGrid Controls](#)

[Tutorial 4: Interacting with Code and Other Bound Controls](#)

[Tutorial 5: Selecting Multiple Rows Using Bookmarks](#)

[Tutorial 6: Defining Unbound Columns in a Bound Grid](#)

[Tutorial 7: Displaying Translated Data with the Built-In Combo](#)

[Tutorial 8: Attaching a Drop-Down Control to a Grid Cell](#)

[Tutorial 9: Attaching an Arbitrary Drop-Down Control to a Grid Cell](#)

[Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps](#)

[Tutorial 11: Using Styles to Highlight Related Data](#)

[Tutorial 12: Displaying Rows in Alternating Colors](#)

[Tutorial 13: Implementing Drag-and-Drop Functionality](#)

[Tutorial 14: Creating a Grid with Fixed, Nonscrolling Columns](#)

[Tutorial 15: Using PrintInfo and Print Preview](#)

[Tutorial 16: Using the Hierarchical Display](#)

[Tutorial 17: Creating a Grouping Display](#)

[Tutorial 18: Using Value Translation](#)

[Tutorial 19: Using Range Selection](#)

[Tutorial 20: Displaying Multiple Data Views](#)

[Tutorial 21: Adding a Filter Bar](#)

[Tutorial 22: Borders, Scroll Tracking, and Scroll Tips](#)

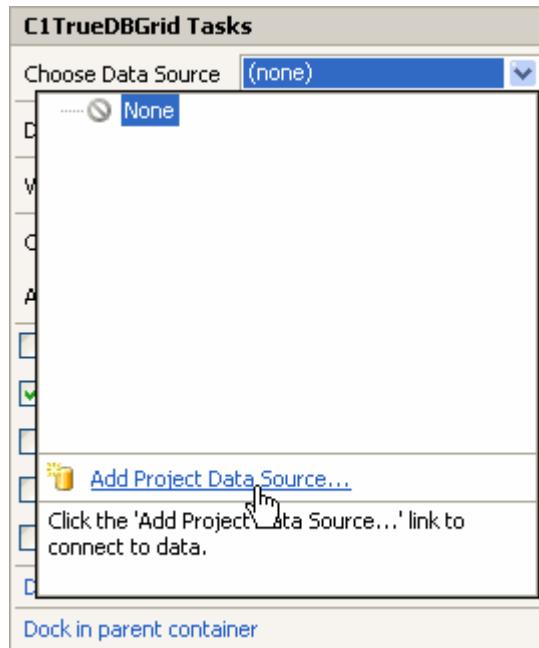
## Tutorial 1: Binding True DBGrid to a DataSet

In this tutorial, you will learn how to bind **True DBGrid for WinForms** controls to a DataSet and create a fully functional database browser. You will also learn about the basic properties of the **True DBGrid for WinForms** and then be able to run the program and observe the run-time features of the grid.

 **Note:** A video is available for this tutorial on the [ComponentOne Videos](#) Web page.

Complete the following steps:

1. Create a new .NET project.
  2. Open the Toolbox, which is initially located on the left side of the IDE and has a hammer and a wrench as its icon. From the Toolbox, locate and double-click the **C1TrueDBGrid** icon .
- The grid is added to the form and the **C1TrueDBGrid Tasks** menu appears.
3. In the menu, select the **Choose Data Source** drop-down arrow and click **Add Project Data Source**.



4. The **Data Source Configuration Wizard** appears and **Database** is selected. Click **Next**.
5. Click the **New Connection** button to locate and connect to a database.

- Click the **Browse** button and locate the **TDBGDemo.mdb** file in the **C:\Users\username\Documents\ComponentOne Samples\Common** (XP) or **C:\Documents and Settings\username\My Documents\ComponentOne Samples\Common** (Vista) directory. Select it and click **Open**.
- Click the **Test Connection** button to make sure that you have successfully connected to the database or server and click **OK**. The new string appears in the data connection drop-down list.
- Click the **Next** button to continue. A dialog box will appear asking if you would like to add the data file to your project and modify the connection string. Click **No**.
- In the next window, the **Yes, save the connection as** check box is checked by default and a name ("TDBGDemoConnectionString") has been automatically entered in the text box. Click **Next** to continue.
- In the **Choose Your Database Objects** window, select the tables and fields that you would like in your dataset.



- The DataSet is given a default name ("TDBGDemoDataSet") in the **DataSet name** text box.
- Click **Finish** to exit the wizard. The **DataSet**, **BindingSource** and **TableAdapter** now appear on your form.
  - Resize the grid and double-click the form. Notice that Visual Studio has added the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.ComposerTableAdapter.Fill(Me.DsComposer.Composer)
```

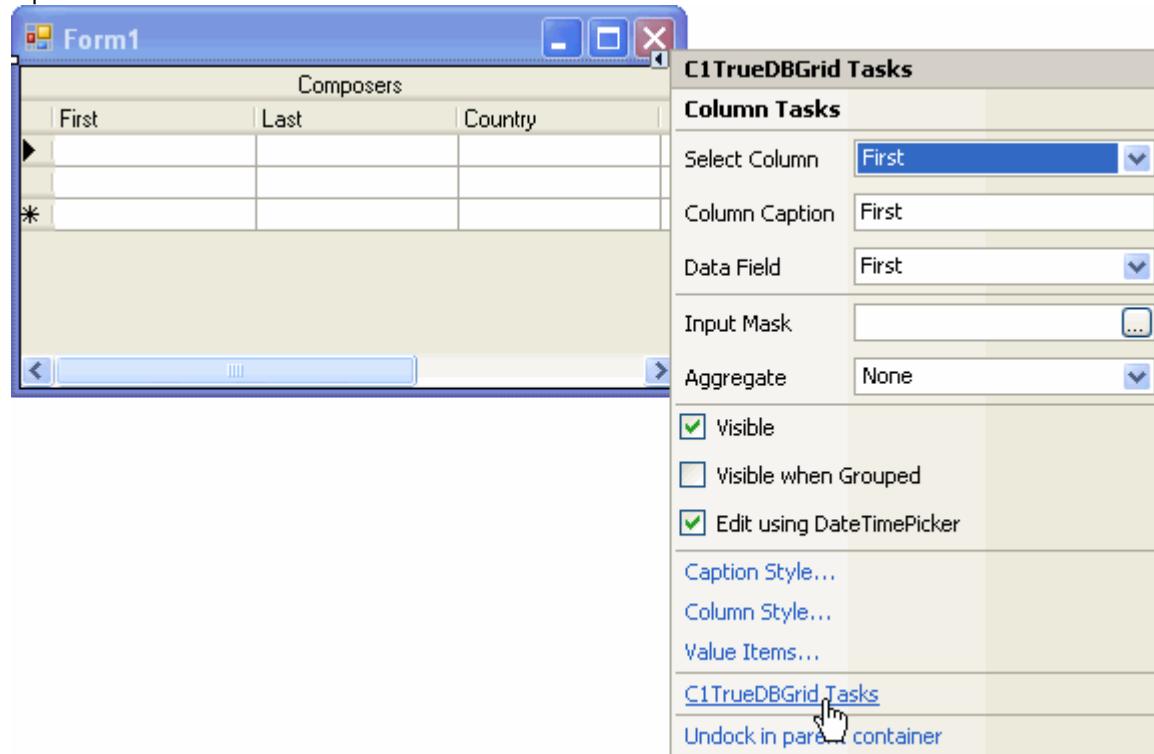
To write code in C#

C#

Copy Code

```
this.ComposerTableAdapter.Fill(this.DsComposer.Composer);
```

13. Click the **Design** tab to return to the designer and then select the grid.
14. Open the **C1TrueDBGrid Tasks** menu and select **C1TrueDBGrid Tasks**.



15. Check the **Enable Adding** and **Enable Deleting** check boxes. This sets the **AllowAddNew** and **AllowDelete** properties of C1TrueDBGrid1 to **True**, enabling the user to add or delete records in the grid.

## Run the program and observe the following:

- **True DBGrid** retrieves the database schema information from the DataSet and automatically configures itself to display all of the fields contained in the database table. Note that the field names are used as the default column headings.
- **True DBGrid** automatically communicates with the DataSet. Any actions taken on the DataSet will be reflected in the grid.

- A fully functional database browser has been created by only writing four lines of simple code.

Refer to [Run-Time Interaction](#) and try out the instructions for navigating, editing, and configuring the grid at run time.

To end the program, close the window or press the stop button on the Visual Basic Toolbar.

Congratulations, you have successfully completed binding **True DBGrid** to a DataSet!

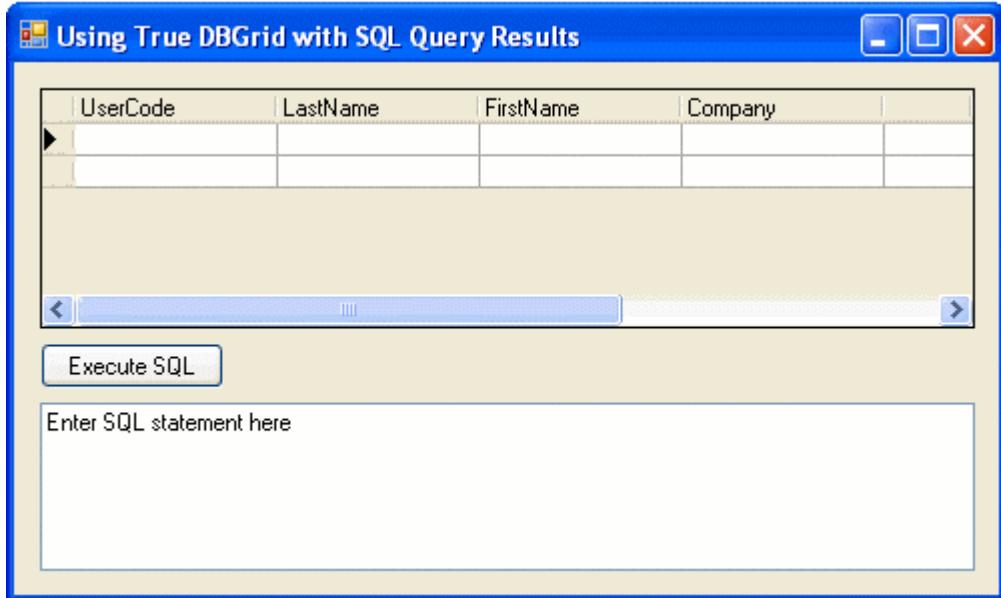
## Tutorial 2: Using True DBGrid for WinForms with SQL Query Results

An important feature of **True DBGrid for WinForms** is its ability to automatically sense changes to the database at run time. In this tutorial, you will learn how to use **True DBGrid for WinForms** to display the results of ad-hoc SQL queries. In addition, it will also outline how to set up a connection to a DataSet at run time. Note that in order for the grid to automatically respond to field layout changes, you must not have defined any column properties at design time. If a layout is already defined, use the grid's **Clear Fields** context menu command to remove it. This will cause the grid to configure itself automatically at run time.

 **Note:**  A video is available for this tutorial on the [ComponentOne Videos](#) Web page.

Complete the following steps:

1. Create a new .NET project.
2. Place a **C1TrueDBGrid** control (C1TrueDBGrid1), a **Button** (Button1), and a **TextBox** control (TextBox1) on the form. Set the **Text** property of the command button to read "Execute SQL" and set the **Text** property of the TextBox1 to "Enter SQL statement here":



3. Go to the **DataSource** property and select **Add Project Data Source** from the drop-down. In the adapter's **Data Source Configuration Wizard**, either select a connection to

**TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Customers** table and type "DsCustomers" into the **DataSet name** box, and then finish out the wizard.

4. Visual Studio will add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.CustomersTableAdapter.Fill(Me.DsCustomers.Customers)</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.CustomersTableAdapter.Fill(this.DsCustomers.Customers);</pre>	

5. Add the following code to the **Click** event of Button1:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click      Dim sqlStr As String = TextBox1.Text     Dim da As OleDb.OleDbDataAdapter = New OleDb.OleDbDataAdapter(sqlStr, Me.CustomersTableAdapter.Connection)     Dim ds As DataSet = New DataSet()      ds.Clear()     Try         da.Fill(ds, "mySQL")         Me.C1TrueDBGrid1.DataSource = Nothing         Me.C1TrueDBGrid1.ClearFields()         Me.C1TrueDBGrid1.SetDataBinding(ds.Tables("mySQL"), "", False)</pre>	

```

    Catch
        MessageBox.Show("Error in SQL clause")
    End Try
End Sub

```

To write code in C#

C#

[Copy Code](#)

```

private void button1_Click(System.Object sender, System.EventArgs e)
{
    string sqlStr = TextBox1.Text;
    da as OleDb.OleDbDataAdapter = New OleDb.OleDbDataAdapter (sqlStr,
this.CustomersTableAdapter.Connection);
    DataSet DataSet ds = new DataSet();

    ds.Clear();
    try
    {
        da.Fill(ds, "mySQL");
        this.c1TrueDBGrid1.DataSource = null;
        this.c1TrueDBGrid1.ClearFields();
        this.c1TrueDBGrid1.SetDataBinding(ds.Tables["mySQL"], "", false);
    }
    catch ()
    {
        MessageBox.Show ("Error in SQL clause");
    }
}

```

## Run the program and observe the following:

As in [Tutorial 1: Binding True DBGrid to a DataSet](#), **True DBGrid for WinForms** retrieves the database schema information from the DataSet and automatically configures itself to display the data for all fields in the database table. Note that the field names are used as the default column headings.

1. In the TextBox control, type the following SQL statement:

```
Select * from Customer
```

Press the **Execute SQL** button. The above SQL statement displays all fields from the **Customer** table and is equivalent to the default display.

2. In the TextBox control, type the following SQL statement:

```
Select Company from Customer
```

Press the **Execute SQL** button. The grid responds by displaying only one column for the *Company* field.

3. In the TextBox control, type the following SQL statement:

```
Select LastName, Company from Customer
```

Press the **Execute SQL** button. This is similar to the previous SQL statement except that two columns (*LastName* and *Company*) are now displayed.

4. In the TextBox control, type the following SQL statement:

```
Select Count(*) from Customer
```

Press the **Execute SQL** button. The above SQL statement uses an aggregate function, **Count(\*)**, to return the total number of records in the **Customer** table. Even though the SQL result is not a set of records, the grid faithfully responds by displaying the number of records in a single column. By default, **Expr1000** is used as the column heading, indicating that the display is the result of an expression.

5. In the TextBox control, type the following SQL statement:

```
Select UCASE(LastName) as ULAST, UCASE(FirstName) AS UFIRST from Customer
```

Press the **Execute SQL** button. The above SQL statement produces two calculated columns that display the *LastName* and *FirstName* fields in upper case. The grid also displays the (assigned) calculated column names, *ULAST* and *UFIRST*, as the column headings.

6. In the TextBox control, type the following SQL statement:

```
SELECT * FROM Customer WHERE FirstName = "Jerry"
```

Press the **Execute SQL** button. The above SQL statement displays only records with *FirstName* equal to **Jerry**.

7. In the TextBox control, type the following SQL statement:

```
SELECT * FROM Customer ORDER BY LastName
```

Press the **Execute SQL** button. The above SQL statement displays records in alphabetical order according to the *Lastname* field.

You can also use an SQL statement to join two database tables, as demonstrated in [Tutorial 3: Linking Multiple True DBGrid Controls](#).

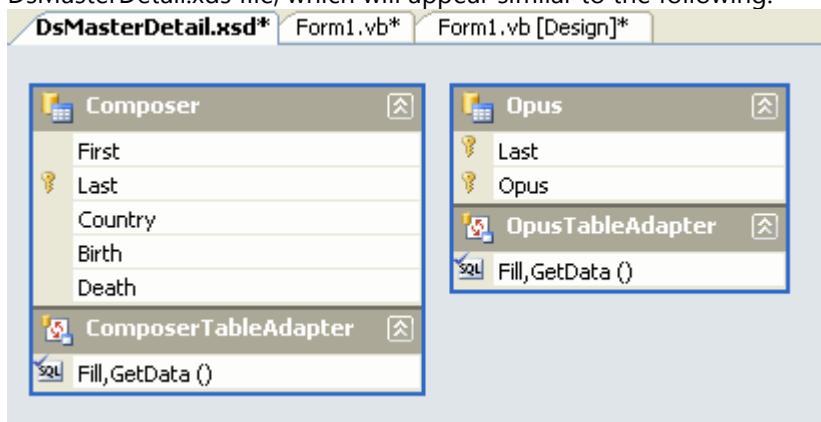
This concludes tutorial 2; you've successfully completed using **True DBGrid** with SQL query results.

## Tutorial 3: Linking Multiple True DBGrid Controls

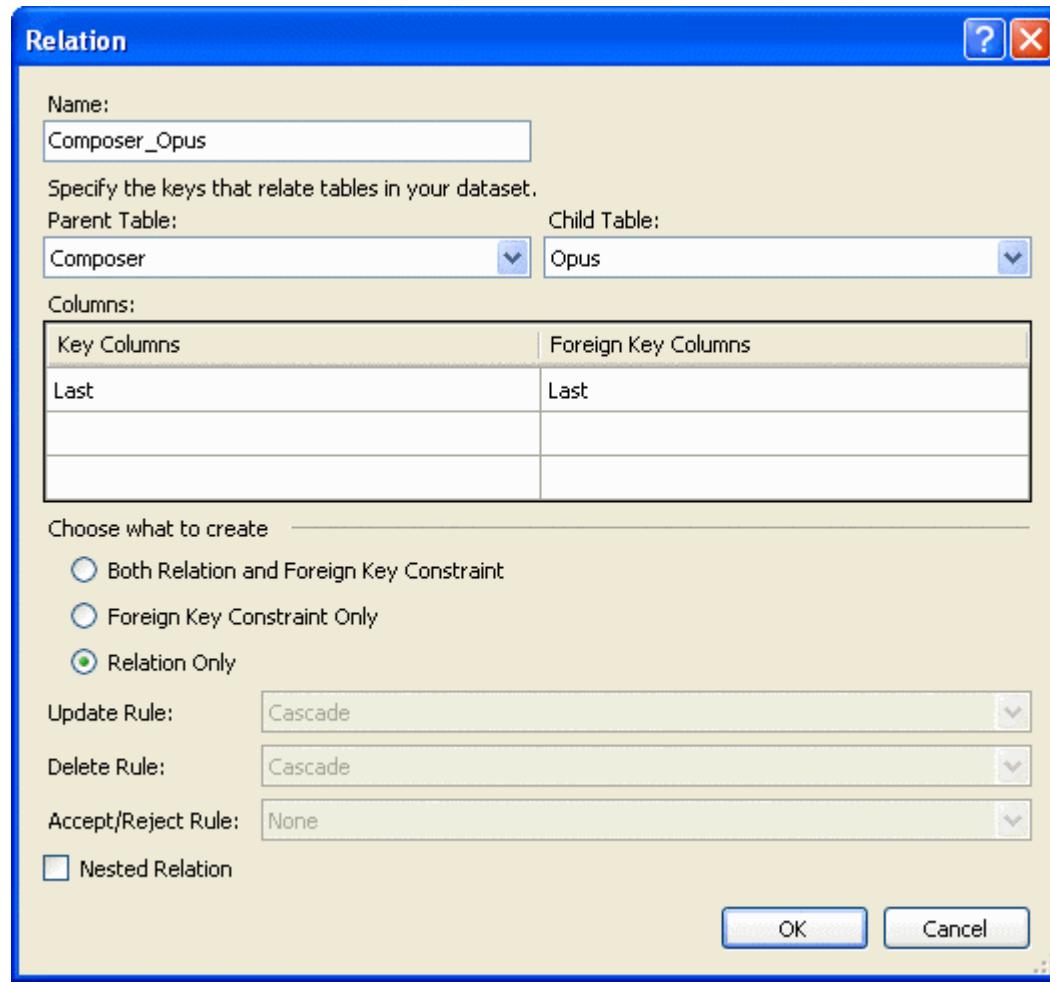
This tutorial demonstrates how to link multiple **True DBGrid for WinForms** controls using a Master Detail dataset.

Complete the following steps:

1. Create a new .NET project.
2. Navigate to the Visual Studio Toolbox and double-click the **C1TrueDBGrid** item twice to add two **C1TrueDBGrid** controls to the form (**C1TrueDBGrid1** and **C1TrueDBGrid2**).
3. In the **C1TrueDBGrid1** control's **C1TrueDBGrid Tasks** menu, locate the **Choose Data Source** drop-down and select **Add Project Data Source**.
4. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Composer** table and all fields in the **Opus** table, and type "DsMasterDetail" into the **DataSet name** box, and then finish out the wizard.
5. Double-click **DsMasterDetail.xsd** in the Solution Explorer window. This will open the DsMasterDetail.xds file, which will appear similar to the following:

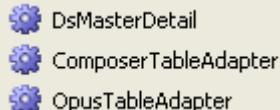


6. To make a relation between two tables, click and hold down the mouse button in the area next to the *Last* field in **Composer**, and then drag the mouse up over the **Composers** table over to the **Opus** table, then release the mouse over the area next to the *Last* field. This will bring up the **Relation** dialog box:

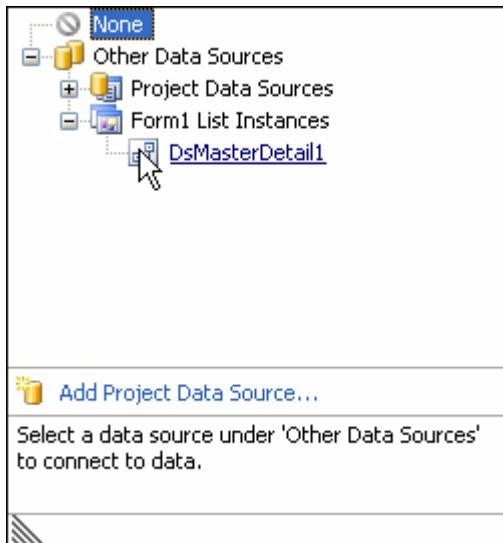


Make sure **Parent Table** is set to **Composer** and the **Child Table** is set to **Opus**. In addition make sure both fields are set to the *Last* column and that the **Relation Only** is selected (as in the preceding screenshot). Click **OK** and exit the **Edit Relation** dialog box.

7. Now go to the **Build** menu of Visual Studio and choose **Build Solution**. This will ensure that this new relation is available in the project.
8. Return to the form's Design view and in the Toolbox, locate the **<Your Project Name> Components** tab. Add an instance of the **DsMasterDetail**, **ComposerTable**, and **OpusTableAdapter** to the form.



9. Now in the Properties window, set the **DataSource** property for the first **C1TrueDBGrid** control to **DsMasterDetail1** and the **DataMember** property to **Composer**.



If prompted to replace the column layout, click **Yes**.

- For the second **C1TrueDBGrid** control, set the **DataSource** property to **DsMasterDetail1** and the **DataMember** property to **Composer.Composer\_Opus**.



If prompted to replace the column layout, click **Yes**.

- All that is left is to populate the **DataAdapters**.
- Double-click the form to switch to Code view and create the **Form\_Load** event handler.  
Add the following code to the **Load** event of Form1:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.ComposerTableAdapter1.Fill(Me.DsMasterDetail1.Composer) Me.OpusTableAdapter1.Fill(Me.DsMasterDetail1.Opus)</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.composerTableAdapter1.Fill(this.dsMasterDetail1.Composer); this.opusTableAdapter1.Fill(this.dsMasterDetail1.Opus);</pre>	

**Run the program and observe the following:**

- When Form1 is loaded, C1TrueDBGrid1 and C1TrueDBGrid2 retrieve the database schema information from DsMasterDetail:

The screenshot shows a Windows application window titled "Linking Multiple True DBGrid Controls". Inside the window, there are two data grids. The top grid, labeled "Composers:", has a header row "First", "Last", "Country", and a timestamp column. Below it are four data rows: Isaac Albeniz (Spain), Johann Sebastian Bach (Germany), Samuel Barber (United States), and others. The bottom grid, labeled "Their Works:", has a header row "Last", "Opus". Below it is one data row: Albeniz (Iberia).

- Change the current record position of the first grid by clicking on different rows. Observe that C1TrueDBGrid2 (the *detail* grid) will configure itself to display a new record set every time the row changes in C1TrueDBGrid1 (the *master* grid).

This concludes this tutorial; you've successfully completed linking multiple **True DBGrid** controls.

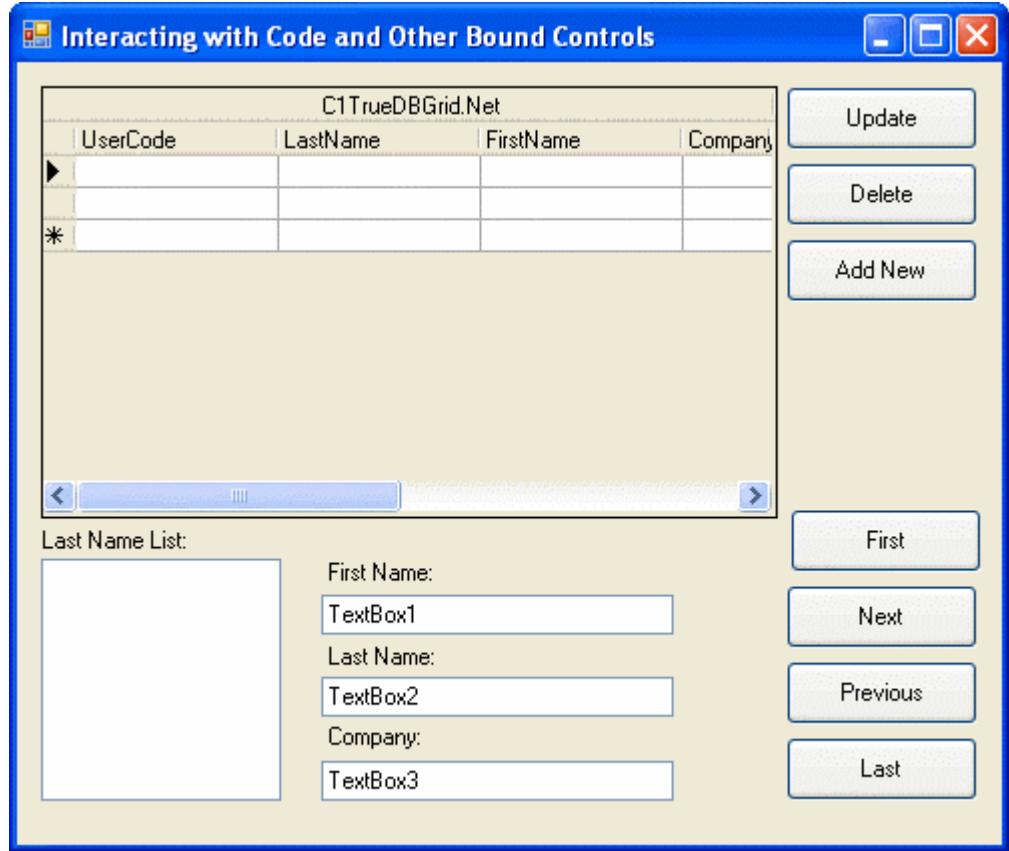
## Tutorial 4: Interacting with Code and Other Bound Controls

In this tutorial, you will learn how **True DBGrid** interacts with other bound controls and with code that manipulates the same DataSet to which the grid is bound.

Complete the following steps:

- Create a new .NET project.
- Place the following controls on the form (Form1) as shown in the figure below:
  - C1TrueDBGrid control (C1TrueDBGrid1)
  - ListBox control (ListBox1)
  - Three text controls (TextBox1 to 3)
  - Seven buttons (Named btnFirst, btnNext, btnPrevious, btnLast, btnDelete, btnUpdate, btnAdd)
  - Four labels (Label1 to 4)

Set the **Text** properties for each of the labels and buttons seen below:



3. In the **C1TrueDBGrid Tasks** menu, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Customers** table and type "DsCustomers" into the **DataSet name** box, and then finish out the wizard.
4. Visual Studio adds the following code to the **Form\_Load** event :

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.CustomersTableAdapter.Fill(Me.DsCustomers.Customers)</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.CustomersTableAdapter.Fill(this.DsCustomers.Customers);
```

5. Now for each of the four Buttons (Button4, 5, 6, 7) on the lower right in the above image, add the following code:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Private Sub btnFirst_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnFirst.Click
```

```
    ' Move to the first record in the grid.
    Me.C1TrueDBGrid1.MoveFirst()
End Sub
```

```
Private Sub btnNext_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnNext.Click
```

```
    ' Move to the next record in the grid.
    Me.C1TrueDBGrid1.MoveNext()
End Sub
```

```
Private Sub btnPrevious_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnPrevious.Click
```

```
    ' Move to the previous record in the grid.
    Me.C1TrueDBGrid1.MovePrevious()
End Sub
```

```
Private Sub btnLast_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnLast.Click
```

```
    ' Move to the last record in the grid.
    Me.C1TrueDBGrid1.MoveLast()
End Sub
```

[To write code in C#](#)

C#	Copy Code
----	-----------

```
private void btnFirst_Click(System.Object sender, System.EventArgs e)
{
    // Move to the first record in the grid.
    this.c1TrueDBGrid1.MoveFirst();
}

private void btnNext_Click(System.Object sender, System.EventArgs e)
{
    // Move to the next record in the grid.
    this.c1TrueDBGrid1.MoveNext();
}

private void btnPrevious_Click(System.Object sender, System.EventArgs e)
{
    // Move to the previous record in the grid.
    this.c1TrueDBGrid1.MovePrevious();
}

private void btnLast_Click(System.Object sender, System.EventArgs e)
{
    // Move to the last record in the grid.
    this.c1TrueDBGrid1.MoveLast();
}
```

6. Set the code for the three buttons on the upper right in the above image:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
--------------	-----------

```
Private Sub btnDelete_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnDelete.Click

    ' Delete the record and save the changes to the database.
    Me.C1TrueDBGrid1.Delete()
```

```

    Call UpdateCustomers()
End Sub

Private Sub BtnUpdate_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnUpdate.Click

    ' Update the grid, call UpdateCustomers to save.
    Me.C1TrueDBGrid1.UpdateData()
    Call UpdateCustomers()
End Sub

Private Sub BtnAdd_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnAdd.Click

    ' This "Add New" button moves the cursor to the "new (blank) row" at the end
    so that user can start adding data to the new record.
    ' Move to last record, "new row" will be visible.
    Me.C1TrueDBGrid1.MoveLast()

    ' Move to the "addnew row", and set focus to the grid.
    Me.C1TrueDBGrid1.Row = Me.C1TrueDBGrid1.Row + 1
    Me.C1TrueDBGrid1.Select()
End Sub

```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre> private void btnDelete_Click(System.object sender,  System.EventArgs e) {     // Delete the record and save the changes to the database.     this.c1TrueDBGrid1.Delete();     UpdateCustomers(); }  private void BtnUpdate_Click(System.object sender,  System.EventArgs e) {     // Update the grid, call UpdateCustomers to save. </pre>	

```

        this.c1TrueDBGrid1.UpdateData();
        UpdateCustomers();
    }

private void BtnAdd_Click(System.Object sender, System.EventArgs e)
{
    // This "Add new" button moves the cursor to the "new (blank) row" at the
    // end so that user can start adding data to the new record.
    // Move to last record, "new row" will be visible.
    this.c1TrueDBGrid1.MoveLast();

    // Move to the "addnew row", and set focus to the grid.
    this.c1TrueDBGrid1.Row = this.c1TrueDBGrid1.Row + 1;
    this.c1TrueDBGrid1.Select();
}

```

7. Now add the UpdateCustomers subroutine. It sends information back to the DataSet from temporary DataTables:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```

Private Sub UpdateCustomers()
    Me.CustomersTableAdapter.Connection.Open()
    Dim UpdatedRows As System.Data.DataSet
    Dim InsertedRows As System.Data.DataSet
    Dim DeletedRows As System.Data.DataSet

    ' These Data Tables hold any changes that have been made to the dataset
    ' since the last update.
    UpdatedRows = Me.DsCustomers.GetChanges(DataRowState.Modified)
    InsertedRows = Me.DsCustomers.GetChanges(DataRowState.Added)
    DeletedRows = Me.DsCustomers.GetChanges(DataRowState.Deleted)

    Try
        ' For each of these, we have to make sure that the Data Tables contain any

```

```

records, otherwise, we will get an error.

    If Not UpdatedRows Is Nothing Then
Me.CustomersTableAdapter.Update(UpdatedRows)
        If Not InsertedRows Is Nothing Then
Me.CustomersTableAdapter.Update(InsertedRows)
            If Not DeletedRows Is Nothing Then
Me.CustomersTableAdapter.Update(DeletedRows)
        Catch eUpdate As System.Exception
            MessageBox.Show ("Caught exception: " & eUpdate.Message)
        End Try

        Me.CustomersTableAdapter.Connection.Close()
End Sub

```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre> private void UpdateCustomers() {     this.CustomersTableAdapter.Connection.Open();     System.Data.DataSet UpdatedRows;     System.Data.DataSet InsertedRows;     System.Data.DataSet DeletedRows;      // These Data Tables hold any changes that have been made to the dataset     // since the last update.     UpdatedRows = this.DsCustomers.GetChanges(DataRowState.Modified);     InsertedRows = this.DsCustomers.GetChanges(DataRowState.Added);     DeletedRows = this.DsCustomers.GetChanges(DataRowState.Deleted);      try     {         // For each of these, we have to make sure that the Data Tables contain         // any records, otherwise, we will get an error.         if (! UpdatedRows == null )             this.CustomersTableAdapter.Update(UpdatedRows)         if (! InsertedRows == null ) </pre>	

```

        this.CustomersTableAdapter.Update(InsertedRows)
        if (! DeletedRows == null )
            this.CustomersTableAdapter.Update(DeletedRows)
    }
    catch (System.Exception eUpdate)
    {
        MessageBox.Show ("Caught exception: " + eUpdate.Message);
    }
    this.CustomersTableAdapter.Connection.Close();
}

```

8. Now back in the .NET designer, click the **ListBox1** control. In the Properties window set its **DataSource** property to **CustomersBindingSource**, and its **DisplayMember** property to **LastName**.
9. Click on the first TextBox (TextBox1) on the form. In the Properties window, expand its **DataBindings** object. Set the **Text** property under the **DataBindings** object to **CustomersBindingSource - FirstName**. In a similar manner set the same **Text** property under the associated **DataBindings** object for the next two TextBoxes. TextBox2 should be set to **LastName**, and TextBox3 should be set to **Company**.
10. Finally in the Properties window set the **AllowAddNew**, **AllowDelete**, and **AllowUpdate** properties to **True** for the **C1TrueDBGrid** control.

## Run the program and observe the following:

- Use the mouse or the keyboard to change the current row position in the grid, and observe the other bound controls (ListBox1 and the TextBoxes) changing their record positions along with the grid, even though they contain no code.
- Click the **Next**, **Previous**, **Last**, and **First** buttons and observe that they have the same effects as the corresponding buttons on the Data control.
- Modify data in a few cells (in the same row) on the grid. Press the **Update** button. Observe that the modified data has been updated to the database and the pencil icon on the record selector column disappears. Other bound controls on the form now display the modified data.
- Modify data in one or more of the Text controls. Press the **Update** or the **Next** button. The grid will automatically update its data to reflect the new changes.
- Move the current cell of the grid to any record you wish to delete, then click the **Delete** button. The record will be deleted and disappears from the grid. The grid automatically moves the current row to the record after the deleted record. Other bound controls on the form also respond by moving their record positions.

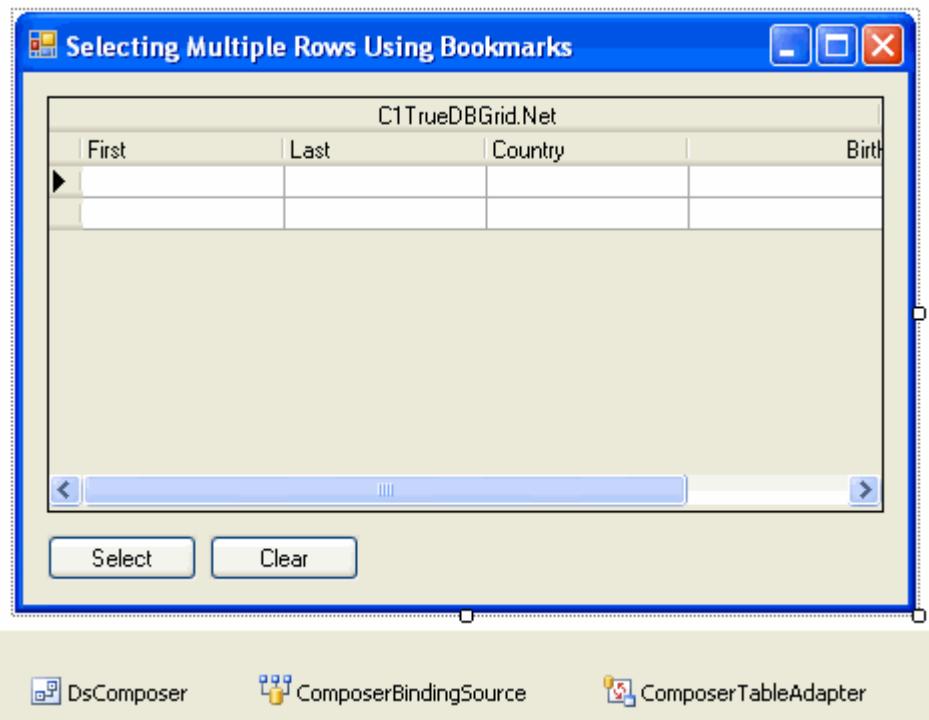
This concludes this tutorial; you've successfully completed interacting with code and other bound controls.

## Tutorial 5: Selecting Multiple Rows Using Bookmarks

In this tutorial, you will learn how to select and highlight records that satisfy specified criteria. A group of similar items is generally implemented as a collection in **True DBGrid**. When manipulating a group of items in **True DBGrid**, use techniques similar to those described here.

Complete the following steps:

1. Create a new .NET project.
2. From the Toolbox on the left side of the IDE add two command buttons and a **C1TrueDBGrid** control onto the form. The **C1TrueDBGrid** icon looks like this:  
 C1TrueDBGrid
3. Set Button1's **Text** property to "Select" and set Button2's **Text** property to "Clear."
4. In the **C1TrueDBGrid Tasks** menu, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Composers** table and type "DsComposers" into the **DataSet name** box, and then finish out the wizard.



5. Visual Studio adds the following code to the **Form\_Load** event :

[To write code in Visual Basic](#)

Visual Basic

Copy Code

```
Me.ComposerTableAdapter.Fill(Me.DsComposer.Composer)
```

To write code in C#

C#	Copy Code
<pre>this.ComposerTableAdapter.Fill(this.DsComposer.Composer);</pre>	

6. We can easily select and deselect rows in **True DBGrid** by manipulating the [SelectedRowCollection](#). To select rows, add the following code to the **Click** event of Button1:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Dim l As Integer For l = 0 To Me.DsComposer.Composer.Rows.Count - 1     If Me.DsComposer.Composer.Rows(l).Item("Country") = "Germany" Then         Me.C1TrueDBGrid1.SelectedRows.Add(l)     End If Next Me.C1TrueDBGrid1.Refresh()</pre>	

```
Dim l As Integer
For l = 0 To Me.DsComposer.Composer.Rows.Count - 1
    If Me.DsComposer.Composer.Rows(l).Item("Country") = "Germany" Then
        Me.C1TrueDBGrid1.SelectedRows.Add(l)
    End If
Next
Me.C1TrueDBGrid1.Refresh()
```

To write code in C#

C#	Copy Code
<pre>int l; for (l = 0 ; l &lt; this.DsComposer.Composer.Rows.Count; l++) {     if (this.DsComposer.Composer.Rows[l].["Country"] == "Germany")     {         this.c1TrueDBGrid1.SelectedRows.Add(l);     } } this.c1TrueDBGrid1.Refresh();</pre>	

```
int l;
for (l = 0 ; l < this.DsComposer.Composer.Rows.Count; l++)
{
    if (this.DsComposer.Composer.Rows[l].["Country"] == "Germany")
    {
        this.c1TrueDBGrid1.SelectedRows.Add(l);
    }
}
this.c1TrueDBGrid1.Refresh();
```

7. To deselect rows, add the following code to the **Click** event of Button2:

To write code in Visual Basic

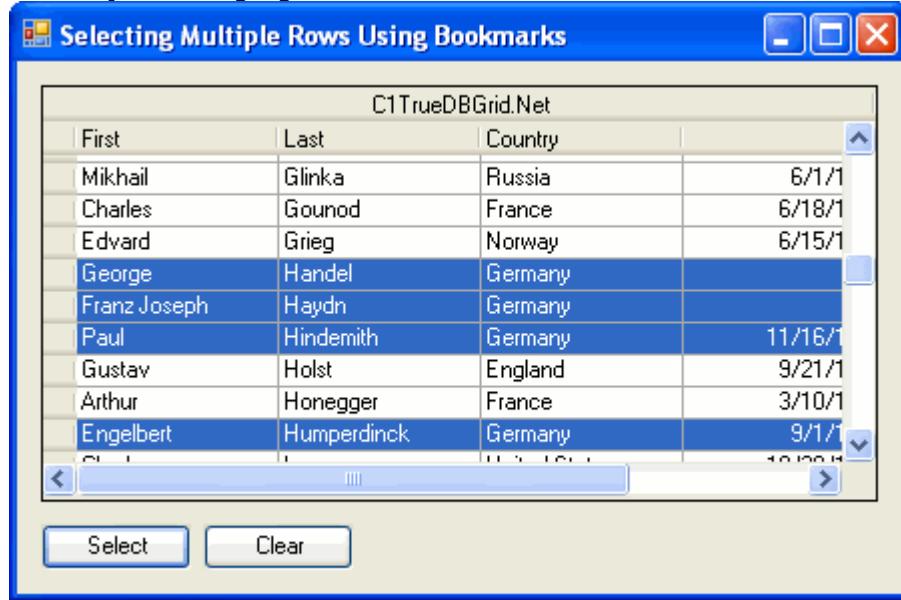
Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.SelectedRows.Clear()</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.SelectedRows.Clear();</pre>	

## Run the program and observe the following:

- C1TrueDBGrid1 retrieves the database schema information from the DataSet and automatically configures itself to display all of the fields in the joined database tables. This is again similar to the behavior of the grid in Tutorial 1.
- Click the **Select** button and observe that all records with the *Country* field equal to **Germany** will be highlighted.



- To deselect the highlighted records, click the **Clear** button. Alternatively, clicking anywhere on a grid cell will also clear the selected rows.

This concludes this tutorial; you've successfully completed selecting multiple rows using bookmarks.

## Tutorial 6: Defining Unbound Columns in a Bound Grid

In this tutorial, you will learn how to use the **UnboundColumnFetch** event to display two fields (*FirstName* and *Lastname*) together in one column. You will also learn how to use an SQL statement to create a join between two tables in a database.

Complete the following steps:

1. Create a new .NET project.
2. From the Toolbox on the left side of the IDE double-click the **C1TrueDBGrid** icon to add the control to the form. The **C1TrueDBGrid** icon looks like this:  
 C1TrueDBGrid
3. In the **C1TrueDBGrid Tasks** menu, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Contacts** table and type "DsContacts" into the **DataSet name** box, and then finish out the wizard.
4. Double click **DsContacts.xsd** in the Solution Explorer window to edit it in the Designer. Right click on the **Contacts** table and choose **Configure** from the context menu.
5. Modify the SQL string in the **Table Adapter Configuration Wizard** to:  
SELECT Customers.FirstName, Customers.LastName, Customers.CustType,  
Contacts.ContactType, Contacts.Callback, Contacts.ContactDate,  
Contacts.UserCode, Customers.UserCode AS Expr1 FROM Contacts INNER  
JOIN Customers ON Contacts.UserCode = Customers.UserCode
6. The **Contacts** table is now joined with the **Customers** table. Click the **Finish** button to exit the wizard.
7. Return to Design view and if prompted to replace existing column layout, click **Yes**.  
**Note:** If all of the columns are not showing up in **C1TrueDBGrid**, select the **DataSource** again from the drop-down box in the **C1TrueDBGrid Tasks** menu. Here, you would re-select the **Contacts** table under **DSContacts**.
8. Declare a new global DataTable object in Form1:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
Dim dtCopy As New DataTable	

[To write code in C#](#)

C#	Copy Code
DataTable dtCopy = new DataTable;	

- Now in the **Form\_Load** event add the following code. The first line, supplied by Visual Studio, fills the dataset and the second line makes a copy of this DataSet, which we will use later to populate the unbound column:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
	<pre>Me.ContactsTableAdapter.Fill(Me.DsContacts.Contacts) dtCopy = Me.DsContacts.Tables(0).Copy()</pre>

[To write code in C#](#)

C#	Copy Code
	<pre>this.ContactsTableAdapter.Fill(this.DsContacts.Contacts); dtCopy = this.DsContacts.Tables(0).Copy();</pre>

- To create an unbound column, open up the **C1TrueDBGrid Designer** by clicking on the **ellipsis** button (...) next to the **Columns** property in the Properties window. Next click the **Appendcolumn** button to create a new column. Set the new column's **Caption** property to "Name" in the left pane. Notice that a value resides in the *Caption* field, but no value in the DataField, which is how the grid knows that this is an unbound column. The grid now knows to fire the [UnboundColumnFetch](#) event. Click the **OK** button to close the **C1TrueDBGrid Designer**.
- Open the [SplitCollection](#) editor by clicking on the **ellipsis** button next to the **Splits** property in the Properties window. Now open up the [C1DisplayColumnCollection](#) editor by clicking on the **ellipsis** button next to the **DisplayColumns** property. In this editor, find the unbound column in the left pane that we just created. It is positioned as the last column in the grid. The DisplayColumns Collection determines the position of the field. Maneuver the column to the desired location by using the up and down arrow buttons in the left pane. Then in the right pane, set its **Visible** property equal to **True**. Now our unbound column is visible to the end-user and not just the **True DBGrid for WinForms** control. You can hide columns here that are used in the unbound column. Select the *FirstName* column from the left pane, then in the right, set its **Visible** property equal to **False**. This hides the *FirstName* column from view. Repeat, selecting the *LastName* column. Select **OK** to close the [C1DisplayColumnCollection](#) editor and click **OK** again to close the [SplitCollection](#) editor.
- Add the following code to the **UnboundColumnFetch** event. This code uses dtCopy to gather values to place into the unbound column, then setting these values equal to e.Value, places the value into the unbound column:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Private Sub C1TrueDBGrid1_UnboundColumnFetch(ByVal sender As System.Object,  
ByVal e As C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs) Handles  
C1TrueDBGrid1.UnboundColumnFetch  
    If e.Column.Caption = "Name" AndAlso e.Row < dtCopy.Rows.Count Then  
        e.Value = Me.C1TrueDBGrid1(e.Row, "FirstName").ToString + " " +  
Me.C1TrueDBGrid1(e.Row, "LastName").ToString  
    End If  
End Sub
```

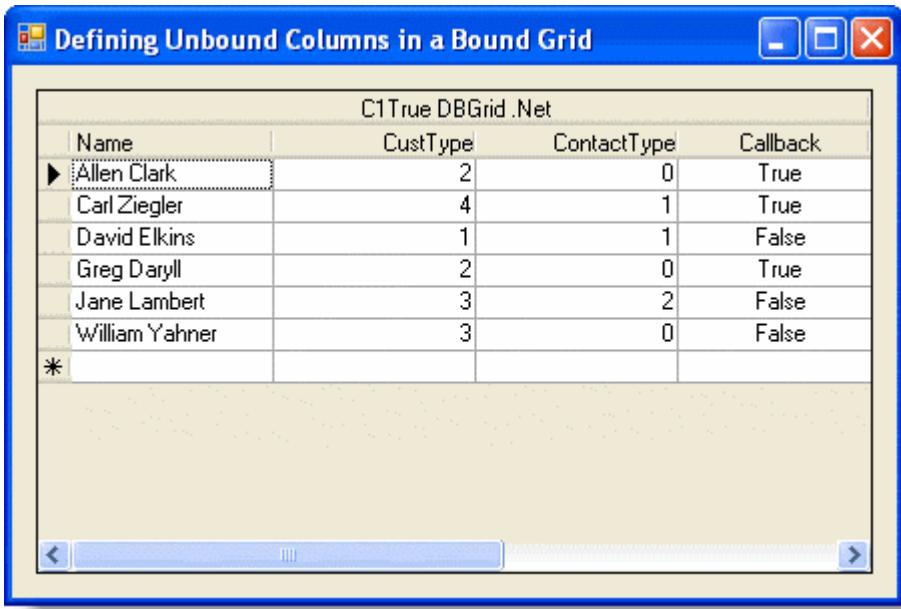
[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
private void c1TrueDBGrid1_UnboundColumnFetch(object sender,  
C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs e)  
{  
    if(e.Column.Caption == "Name" && e.Row < dtCopy.Rows.Count)  
    {  
        e.Value = this.c1TrueDBGrid1[e.Row, "FirstName"].ToString()+" " +  
this.c1TrueDBGrid1[e.Row, "LastName"].ToString();  
    }  
}
```

## Run the program and observe the following:

When the application runs, it should look like the following:



- C1TrueDBGrid1 displays data from the joined table according to the five columns configured at design time.
- The first column displays the combined *FirstName* and *LastName* fields as defined in the **UnboundColumnFetch** event.
- The *CustType*, *ContactType* and *Callback* columns display numeric values that are quite cryptic to users and provide an unappealing data presentation. In the next three tutorials (7, 8, and 9), techniques will be illustrated that improve both the display and the user interface.

This concludes this tutorial; you've successfully completed defining unbound columns in a bound grid.

## Tutorial 7: Displaying Translated Data with the Built-In Combo

In this tutorial, you will learn how to use the **ValueItems** object to display translated text and enable the grid's built-in drop-down combo for editing—all without writing a single line of code.

Complete the following steps:

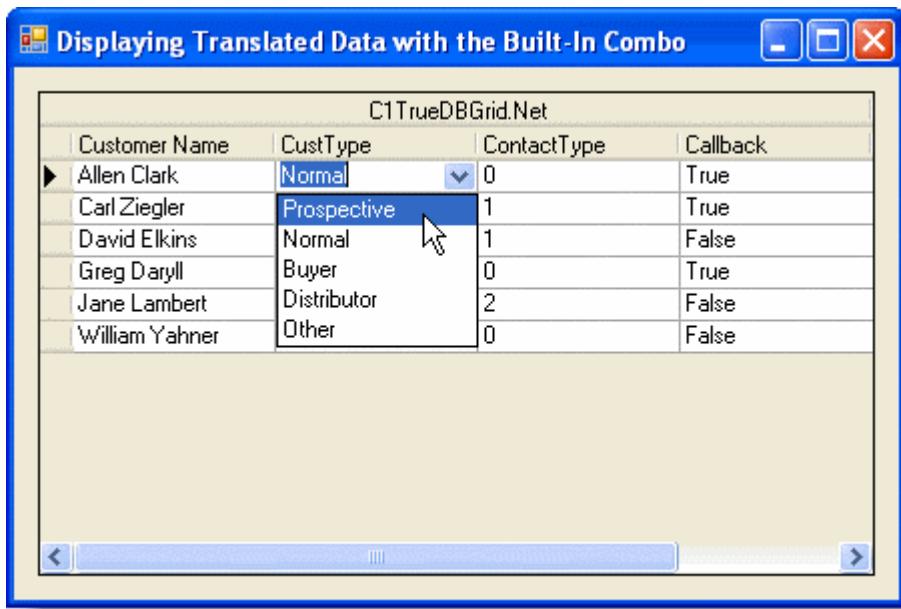
1. Start with the project created in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).
2. Make sure the **C1TrueDBGrid** has focus, then click the **ellipsis** button next to the **Columns** property in the Properties window. This brings up the **C1TrueDBGrid Designer**.
3. Select the *CustType* column member. Then in the left pane, click the expand icon next to the **Valueitems** property. This will display all of the members of the Valueitems object.
4. Click on the **ellipsis** button next to the **Values** property in the **C1TrueDBGrid Designer**. This brings up the **ValueitemCollection Editor**.
5. In the left pane create five new **ValueItem** objects by clicking on the **Add** button five times. Notice that a **ValueItem** has two properties: **DisplayValue** and **Value**.
6. Enter the following **DisplayValue/Value** pairs into the right pane, then close the **ValueitemCollection Editor**:

DisplayValue	Value
Value	0
Prospective	1
Normal	2
Buyer	3
Distributor	4
Other	5

7. Under the Valueitems object in the **C1DataColumn Editor**, set the [Presentation](#) property to **ComboBox**, and the [Translate](#) property to **True**.
8. Click the **OK** button at the bottom of the **Property Pages** dialog box to accept the changes.

## Run the program and observe the following:

- C1TrueDBGrid1 displays data from the joined tables as in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).
- The *CustType* column now displays the translated text instead of numeric values.
- Click a cell in the *CustType* column to make it the current cell. Notice that a drop-down button appears at the right edge of the cell.
- Click the drop-down button or press ALT+DOWN ARROW to display the built-in combo box containing translated values, as shown in the following figure. Change the data in the current cell by selecting the desired item from the combo box.



This concludes this tutorial; you've successfully completed displaying translated data with the built-in combo.

## Tutorial 8: Attaching a Drop-Down Control to a Grid Cell

In this tutorial, you will learn how to attach a multicolumn **True DBDropDown** control to a grid cell. Unlike the built-in combo demonstrated in [Tutorial 7: Displaying Translated Data with the Built-In Combo](#), the **C1TrueDBDropDown** control can be bound to a data source, which makes it ideal for data entry involving a secondary lookup table. The drop-down control appears whenever the user clicks a button within the current cell. This button appears automatically when the user gives focus to a column that has a drop-down control connected to it.

Complete the following steps:

1. Start with the project constructed in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).
2. Add a **C1TrueDBDropDown** control (C1TrueDBDropDown1) to the form. The icon for the **C1TrueDBDropDown** looks like the following:  
 C1TrueDBDropdown
3. Go to the **DataSource** property and select **Add Project Data Source** from the drop-down. In the adapter's **Data Source Configuration Wizard**, either select a connection to **C1TDGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select the *TypeID* and *TypeDesc* fields in the **CustType** table and type "DsCustType" into the **DataSet name** box, and then finish out the wizard.
4. Visual Studio adds the following code to the **Load** event of Form1 to fill the new dataset:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.CustTypeTableAdapter.Fill(Me.DsCustType.CustType)</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.CustTypeTableAdapter.Fill(this.DsCustType.CustType);</pre>	

5. Then again in the **Load** event of Form1, add the following code to set the C1TrueDBDropDown1 to the *CustType* column:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Columns("CustType").DropDown = Me.C1TrueDBDropdown1</pre>	

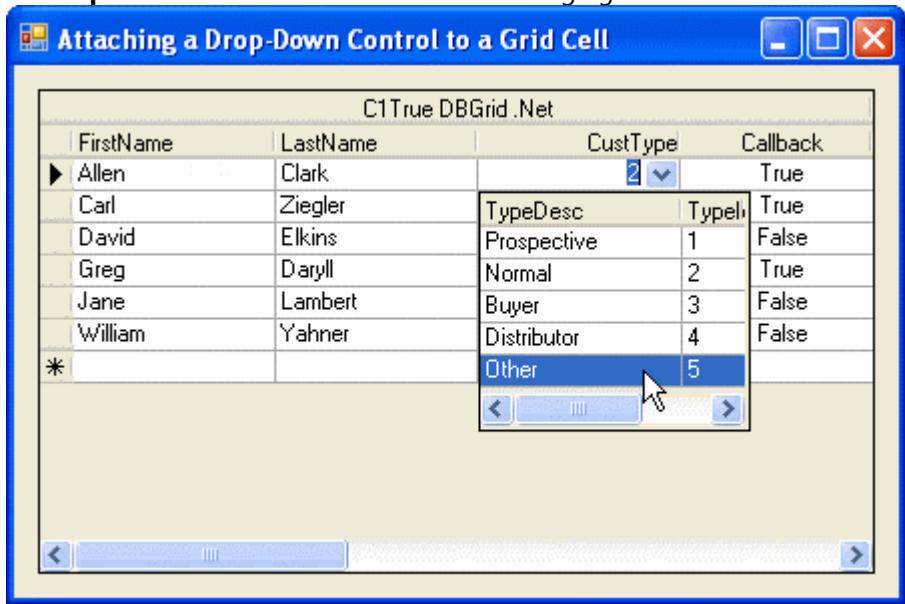
C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Columns("CustType").DropDown = this.c1TrueDBDropdown1;</pre>	

6. In the Properties window set the **DisplayMember** property of the C1TrueDBDropDown1 to **TypeID**. This property informs the drop-down which column will be synchronized with the grid column that the drop-down is bound to.

## Run the program and observe the following:

- C1TrueDBGrid1 displays data from the joined table as in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).
- Click a cell in the *CustType* column to make it the current cell as indicated by the highlight. A button will be displayed at the right edge of the cell. Click the button to display the **True**

**DBDropDown** control as shown in the following figure.



- Use the UP ARROW and DOWN ARROW keys to move the highlight bar of **C1TrueDBDropDown** control. If another cell in the grid is clicked, **C1TrueDBDropDown** will lose focus and become invisible.
- Select any item in the **C1TrueDBDropDown**. The current cell in the grid will be updated with the selected item, and the **C1TrueDBDropDown** will disappear until editing is initiated again.
- If the current cell is moved to another column, the button will disappear from the cell in the *CustType* column.

You've successfully completed attaching a drop-down control to a grid cell; this concludes tutorial 8

## Tutorial 9: Attaching an Arbitrary Drop-Down Control to a Grid Cell

In this tutorial, you will learn how to drop-down an arbitrary control from a grid cell. This example uses a ListBox control containing pre-defined input values in order to facilitate user data entry. The list will drop down whenever the user initiates editing, such as by clicking the current cell. You will also learn how to place a button in the cell which, when clicked, will cause the ListBox control to appear. You can drop-down any control from a grid cell using techniques similar to those described in this tutorial.

Complete the following steps:

1. Start with the project constructed in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).

2. Add a ListBox control (ListBox1) to the form as shown in the figure.



3. Set the **Visible** property of ListBox1 to **False**.

## Adding code to drop down a ListBox control

The *CustType* field in the second column (Column1) of the grid displays numeric values ranging from 1 through 5, which represent the following customer types:

- 1 = Prospective
- 2 = Normal
- 3 = Buyer
- 4 = Distributor
- 5 = Other

Drop down ListBox1, which will contain textual customer type descriptions, and allow users to double-click an item in order to enter the associated value into the grid.

1. Include the following code in the general declaration section of Form1. Adding these namespaces will simplify the code we will need to write later.

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Imports System.Data Imports System.Data.OleDb Imports System.IO Imports System.Collections</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>

```
using System.Data;
using System.Data.OleDb;
using System.IO;
using System.Collections;
```

2. In the **Load** event of Form1, add the code to include the customer types to ListBox1. Also, place a button in the *CustType* column using the **Button** property. The **Form1\_Load** event handler now looks like this:

To write code in Visual Basic

Visual Basic

Copy Code

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Me.ContactsTableAdapter.Fill(Me.DsContacts.Contacts)

    ' Add customer types to ListBox1.
    With Me.ListBox1
        .Items.Add("Prospective")
        .Items.Add("Normal")
        .Items.Add("Buyer")
        .Items.Add("Distributor")
        .Items.Add("Other")
        .Visible = False
    End With

    ' Place a button in the CustType column.
    Me.C1TrueDBGrid1.Splits(0).DisplayColumns("CustType").Button = True
End Sub
```

To write code in C#

C#

Copy Code

```
private void Form1_Load(System.Object sender, System.EventArgs e)
{
    this.ContactsTableAdapter.Fill(this.DsContacts.Contacts);
```

```

// Add customer types to ListBox1.
this.listBox1.Items.Add("Prospective");
this.listBox1.Items.Add("Normal");
this.listBox1.Items.Add("Buyer");
this.listBox1.Items.Add("Distributor");
this.listBox1.Items.Add("Other");
this.listBox1.Visible = false;

// Place a button in the CustType column.
this.c1TrueDBGrid1.Splits[0].DisplayColumns["CustType"].Button = true;
}

```

3. If a cell in the *CustType* column becomes current, a button will be placed at the right edge of the cell. Clicking the button will trigger the grid's [ButtonClick](#) event. We will drop down *ListBox1* whenever the button is clicked:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

Private Sub C1TrueDBGrid1_ButtonClick(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.ColEventArgs) Handles C1TrueDBGrid1.ButtonClick
    With ListBox1
        .Left = Me.C1TrueDBGrid1.Left + Me.C1TrueDBGrid1.RecordSelectorWidth +
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).Width +
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).Width
        .Top = Me.C1TrueDBGrid1.Top +
Me.C1TrueDBGrid1.RowTop(Me.C1TrueDBGrid1.Row)
        .Visible = True
        .Select()
    End With
End Sub

```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```

private void c1TrueDBGrid1_ButtonClick(object sender,
C1.Win.C1TrueDBGrid.ColEventArgs e)
{
    this.listBox1.Left = this.c1TrueDBGrid1.Left +
this.c1TrueDBGrid1.RecordSelectorWidth +
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].Width +
this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].Width;
    this.listBox1.Top = this.c1TrueDBGrid1.Top +
this.c1TrueDBGrid1.RowTop(this.c1TrueDBGrid1.Row);
    this.listBox1.Visible = true;
    this.listBox1.Select();
}

```

4. In the **DoubleClick** event of ListBox1, add the following code. When an item is selected in ListBox1, this code will copy its index to the proper column in C1TrueDBGrid1, then make ListBox1 invisible.

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

Private Sub ListBox1_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles ListBox1.DoubleClick
    Me.C1TrueDBGrid1.Columns("CustType").Text = Me.ListBox1.SelectedIndex + 1
    Me.ListBox1.Visible = False
End Sub

```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```

private void listBox1_DoubleClick(object sender, System.EventArgs e)
{
    this.c1TrueDBGrid1.Columns["CustType"].Text = (this.listBox1.SelectedIndex +
1).ToString();
    this.listBox1.Visible = false;
}

```

5. Then in the **Leave** event of ListBox1, add the following code to make sure the listbox becomes invisible once the selection has been made:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub ListBox1_Leave(ByVal sender As Object, ByVal e As System.EventArgs) Handles ListBox1.Leave     Me.ListBox1.Visible = False End Sub</pre>	

```
Private Sub ListBox1_Leave(ByVal sender As Object, ByVal e As System.EventArgs)
Handles ListBox1.Leave
    Me.ListBox1.Visible = False
End Sub
```

To write code in C#

C#	Copy Code
<pre>private void listBox1_Leave(object sender, System.EventArgs e) {     this.listBox1.Visible = false; }</pre>	

```
private void listBox1_Leave(object sender, System.EventArgs e)
{
    this.listBox1.Visible = false;
}
```

6. Then in the **Scroll** event of C1TrueDBGrid1, add the following code to make sure the listbox becomes invisible once the grid is scrolled:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_Scroll(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.CancelEventArgs) Handles C1TrueDBGrid1.Scroll     Me.ListBox1.Visible = False End Sub</pre>	

```
Private Sub C1TrueDBGrid1_Scroll(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.CancelEventArgs) Handles C1TrueDBGrid1.Scroll
    Me.ListBox1.Visible = False
End Sub
```

To write code in C#

C#	Copy Code
<pre>private void C1TrueDBGrid1_Scroll(object sender, C1.Win.C1TrueDBGrid.CancelEventArgs e) {     Me.ListBox1.Visible = false; }</pre>	

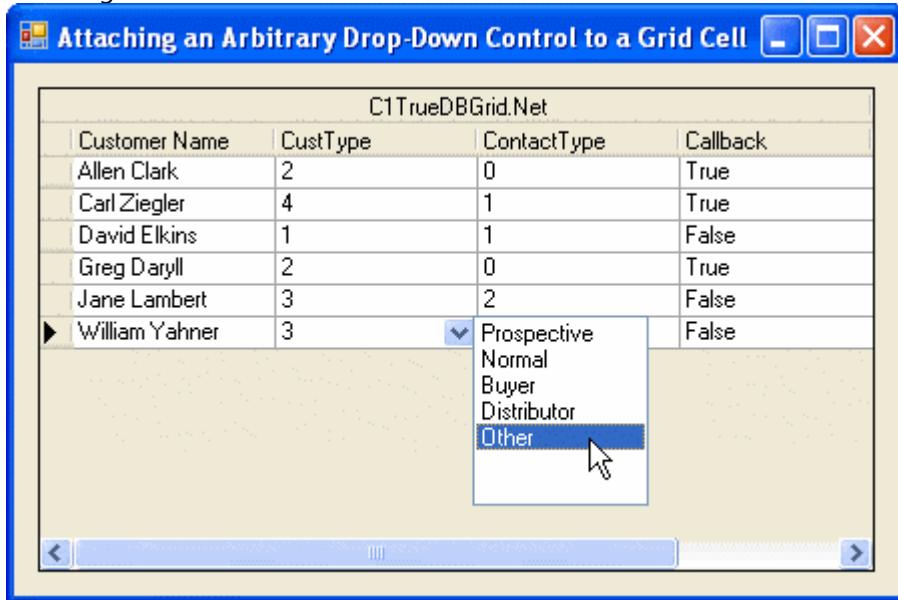
```

private void c1TrueDBGrid1_Scroll(object sender,
C1.Win.C1TrueDBGrid.CancelEventArgs e)
{
    this.listBox1.Visible = false;
}

```

## Run the program and observe the following:

- C1TrueDBGrid1 displays data from the joined table as in [Tutorial 6: Defining Unbound Columns in a Bound Grid](#).
- Click a cell in the *CustType* column to make it the current cell as indicated by the highlight. A button will be displayed at the right edge of the cell. Click the button to fire the [ButtonClick](#) event. ListBox1 will drop down at the right edge of the cell as shown in the following illustration.



- Use the mouse or the UP ARROW and DOWN ARROW keys to move the highlight bar of ListBox1. If another cell in the grid is clicked, ListBox1 will lose focus and become invisible.
- Double-click any item in ListBox1. The current cell in the grid will be updated with the selected item, and ListBox1 will disappear until editing is again initiated.
- If the current cell is moved to another column, the button will disappear from the cell in the *CustType* column.

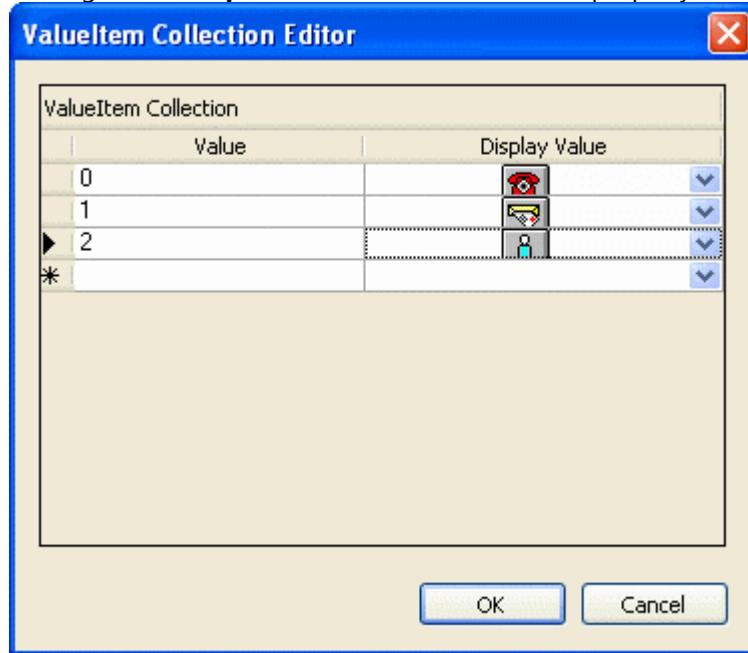
You've successfully completed attaching an arbitrary drop-down control to a grid cell; this concludes tutorial 9.

## Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps

In this tutorial, you will learn how to use the [ValueItems](#) object and its collection of [ValueItem](#) objects to display bitmaps and check boxes in a cell—without writing a single line of code!

Complete the following steps:

1. Start with the project used in [Tutorial 7: Displaying Translated Data with the Built-In Combo](#).
2. First, change the captions of the *ContactType* and *CallBack* columns. Open up the **C1TrueDBGrid Designer** by clicking on the **ellipsis** button next to the **Columns** property in the Properties window.
3. Select the *ContactType* column, then in the left pane, change its **Caption** property to "How". Then in a similar manner, change the *CallBack* column caption to "Call?"
4. Change the **HorizontalAlignment** property of these two columns by clicking the **Align center** button so that the bitmaps will be centered within each cell. Open the **SplitCollection Editor** by clicking on the **ellipsis** button next to the **Splits** property in the Properties window. Next open the **C1DisplayColumnCollection Editor** by clicking on the **ellipsis** next to the **DisplayColumn** property in the Splits editor. Select the *How* column in the left pane, then in the right pane, click the expand icon next to the **Styles** property. Under the **Styles** object for this column set the **HorizontalAlignment** property to **Center**. Then set the **VerticalAlignment** properties to **Center**. In a similar manner, set the **HorizontalAlignment** and **VerticalAlignment** properties for the *Call?* column.
5. Next, assign bitmaps and check boxes to selected columns by populating the corresponding **ValueItems** object. We will start with the bitmaps in column 2. Open up the **C1TrueDBGrid Designer** by clicking on the **ellipsis** button next to the **Columns** property in the Properties window. Select the *How* column, and then in the left pane, click the expand icon next to the **Valueitem** object. Open up the **ValueItemCollection Editor** by clicking on the **ellipsis** button next to the **Values** property:



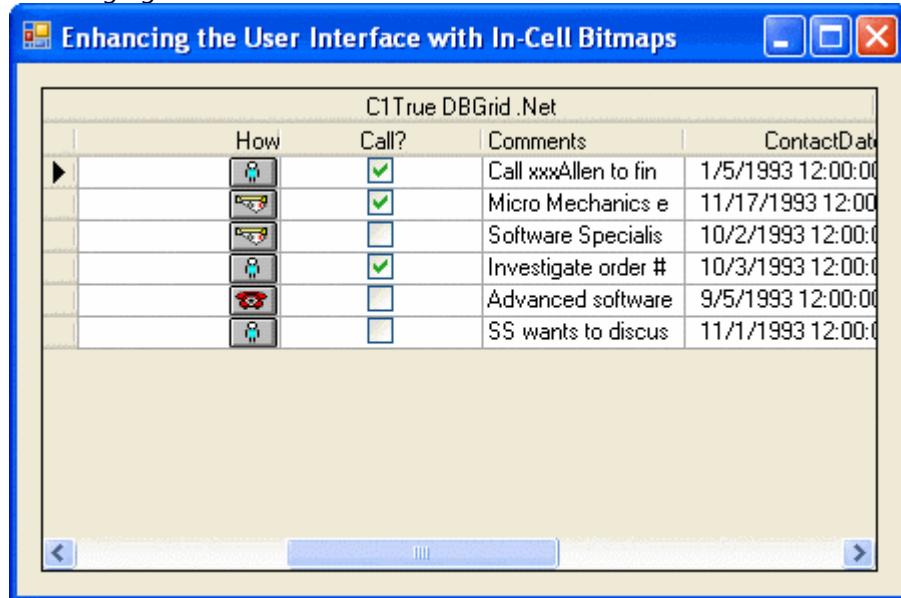
6. Create three new **ValueItem** objects by clicking the **Add** button in the left pane. The possible values of the *ContactType* field are 0, 1, and 2, which represent telephone, mail, and personal contact, respectively. Bitmaps shall be displayed in the cell instead of these numeric values. If the full product is installed, the following files will be found in the

Tutor10 subdirectory of the Tutorials installation directory: PHONE.BMP, MAIL.BMP, and PERSON.BMP.

7. In the right pane, for the first **ValueItem**, enter 0 as the value, then in the **DisplayValue** property box, click the **ellipsis** button to search for the Image file to display in the cell. Locate the Phone.bmp file in the Tutor10 subdirectory of the **ComponentOne Studio for WinForms** installation directory. In a similar manner set the other two **ValueItem** objects to a Value of 1, DisplayValue of Mail.bmp, and a Value of 2, DisplayValue of Person.BMP, respectively. Return to the **ValueItems** object in the **C1TrueDBGrid Designer** and set the **Translate** and **CycleOnClick** properties equal to **True**.
8. To set the check boxes for column 3, in the **C1TrueDBGrid Designer**, select the *Call* column. In the left pane, expand the **ValueItems** object and set the **Presentation** property to **CheckBox**. This will display the column's Boolean values as check boxes. Then finally, under the same object set the **Translate** and **CycleOnClick** properties to **True**.

## Run the program and observe the following:

- C1TrueDBGrid1 displays data from the joined table.
- The *How* and *Call?* columns now display bitmaps instead of numeric values as shown in the following figure.



- Click a cell in the *How* column to make it the current cell. Then click it again several times and observe how the cell cycles through the PHONE, MAIL, and PERSON bitmaps.
- Click a cell in the *Call?* column and observe how the cell cycles through the check box bitmaps.

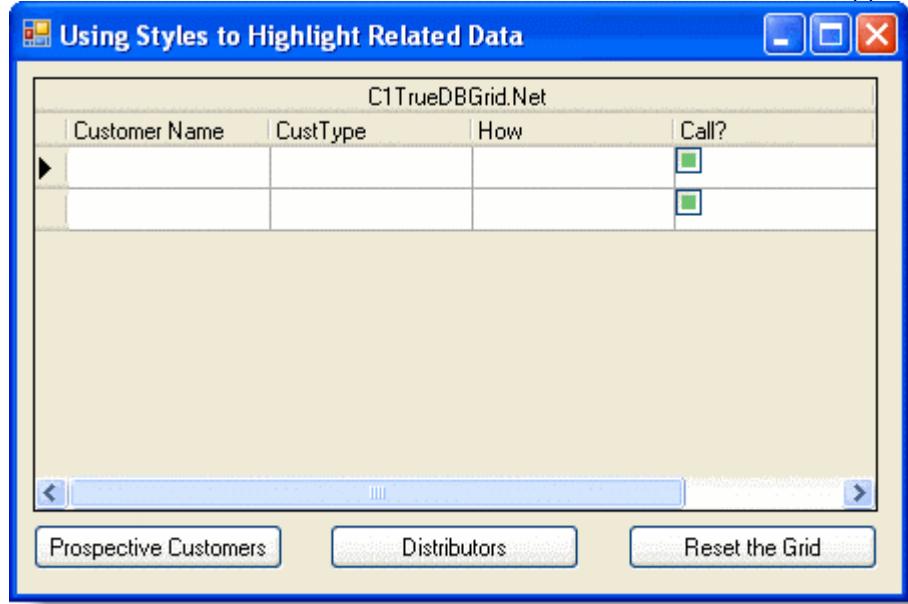
You've successfully completed enhancing the user interface with in-cell bitmaps; this concludes tutorial 10.

## Tutorial 11: Using Styles to Highlight Related Data

In this tutorial, you will learn how to change the grid's display to highlight rows by creating row styles depending upon a value in the grid. **True DBGrid** uses the **FetchRowStyle** event to create style characteristics and apply them to rows dynamically.

Complete the following steps:

1. Start with the project used in [Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps](#).
2. Add three buttons to the form. Change the caption of Button1 to *Prospective Customers*, Button2 to *Distributors*, and Button3 to *Reset the Grid* so that the form appears as follows.



3. Add the following declarations to the General section of Form1:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Dim bflag As Integer
```

[To write code in C#](#)

C#

[Copy Code](#)

```
int bflag;
```

4. Enter the following code in the **Click** event of Button1:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>' Prospective Customers. Me.C1TrueDBGrid1.FetchRowStyles = True bFlag = 1 Me.C1TrueDBGrid1.Refresh()</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>// Prospective Customers. this.c1TrueDBGrid1.FetchRowStyles = true; bFlag = 1; this.c1TrueDBGrid1.Refresh();</pre>	

5. Enter the following code in the **Click** event of Button2:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>' Distributors. Me.C1TrueDBGrid1.FetchRowStyles = True bFlag = 2 Me.C1TrueDBGrid1.Refresh()</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>// Distributors. this.c1TrueDBGrid1.FetchRowStyles = true; bFlag = 2;</pre>	

```
this.c1TrueDBGrid1.Refresh();
```

6. Enter the following code in the **Click** event of Button3:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>' Reset the grid. Me.C1TrueDBGrid1.FetchRowStyles = False Me.C1TrueDBGrid1.Refresh()</pre>	

```
' Reset the grid.  
Me.C1TrueDBGrid1.FetchRowStyles = False  
Me.C1TrueDBGrid1.Refresh()
```

To write code in C#

C#	Copy Code
<pre>// Reset the grid. this.c1TrueDBGrid1.FetchRowStyles = false; this.c1TrueDBGrid1.Refresh();</pre>	

```
// Reset the grid.  
this.c1TrueDBGrid1.FetchRowStyles = false;  
this.c1TrueDBGrid1.Refresh();
```

7. Next enter the following code into the **FetchRowStyles** event. This code interacts with the setting of the **FetchRowStyles** property in the click event. When the **FetchRowStyles** is set to **True**, the grid fires the **FetchRowStyle** event when it needs to repaint the cells. Thus the row style is applied according to the value of the bflag flag integer:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle</pre>	

```
Private Sub C1TrueDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle

    If bFlag = 1 And Me.C1TrueDBGrid1 (e.Row, "CustType") = 1 Then
        Dim fntFont As New Font(eCellStyle.Font.Name, eCellStyle.Font.Size,
        FontStyle.Bold)
        eCellStyle.Font = fntFont
        eCellStyle.ForeColor = System.Drawing.Color.Blue
```

```

End If

If bFlag = 2 And Me.C1TrueDBGrid1 (e.Row, "CustType") = 4 Then
    eCellStyle.ForeColor = System.Drawing.Color.White
    eCellStyle.BackColor = System.Drawing.Color.Red
End If
End Sub

```

To write code in C#

C#

[Copy Code](#)

```

private void C1TrueDBGrid1_FetchRowStyle(object sender,
C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs e)
{
    if (bFlag == 1 && (int)this.c1TrueDBGrid1 [e.Row, "CustType"] == 1 )
    {
        Font fntFont = new Font(eCellStyle.Font.Name, eCellStyle.Font.Size,
FontStyle.Bold);
        eCellStyle.Font = fntFont;
        eCellStyle.ForeColor = System.Drawing.Color.Blue;
    }

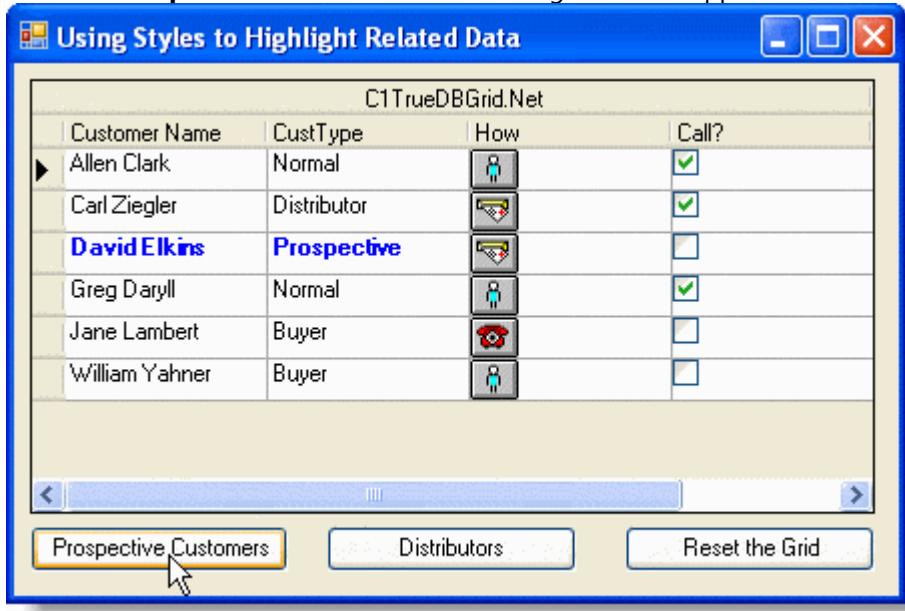
    if (bFlag == 2 && this.c1TrueDBGrid1 [e.Row, "CustType"] == 4 )
    {
        eCellStyle.ForeColor = System.Drawing.Color.White;
        eCellStyle.BackColor = System.Drawing.Color.Red;
    }
}

```

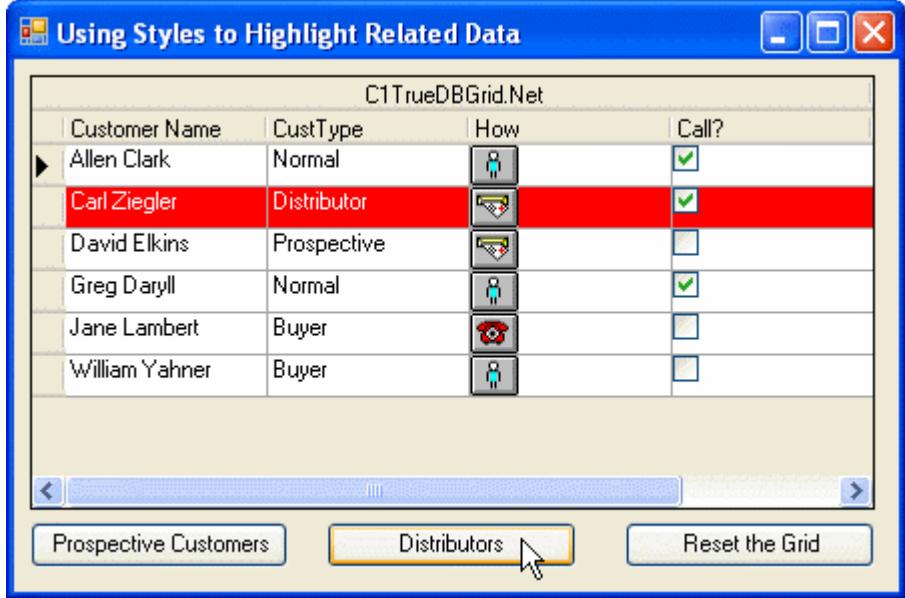
## Run the program and observe the following:

- C1TrueDBGrid1 displays data as in [Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps](#).

- Click the **Prospective Customers** button. The grid should appear as follows.



- Click the **Distributors** button. The grid should now appear as follows:



- Finally, click the **Reset the Grid** button. The grid should now clear itself of the styles.

You've successfully completed using styles to highlight related data; this concludes tutorial 11.

## Tutorial 12: Displaying Rows in Alternating Colors

In this tutorial, you will learn how to use the [AlternatingRows](#) property and built-in styles to apply alternating colors to grid rows to improve their readability.

Complete the following steps:

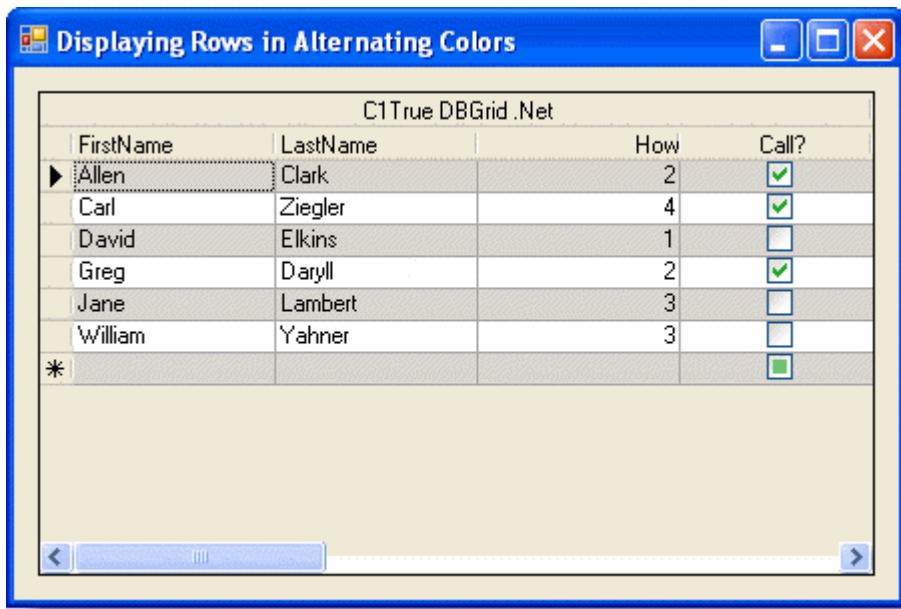
1. Start with the project used in [Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps](#).
2. In the Properties window, set the **AlternatingRows** property to **True**. The grid has default settings for both the EvenRow and OddRow styles. Use the default settings first and then change the settings for the **EvenRowStyle**.



3. Run the program and observe that C1TrueDBGrid1 displays data as in [Tutorial 10: Enhancing the User Interface with In-Cell Bitmaps](#) except that even-numbered rows have a light cyan background.
4. Click the **ellipsis** button next to the **Styles** property in the Properties window. This will bring up the **C1TrueDBGrid Style Editor**.
5. Select the **EvenRowStyle** in the left pane, and in the right pane change its **BackColor** to **LightGray**. Click **OK** and close the editor.

## Run the program and observe the following:

C1TrueDBGrid1 displays data as in the previous image, except that even-numbered rows now have a light gray background:



This concludes the tutorial.

## Tutorial 13: Implementing Drag-and-Drop Functionality

In this tutorial, you will learn how to implement drag-and-drop functionality in **True DBGrid for WinForms**.

## Set up the True DBGrid for WinForms controls

Complete the following steps:

1. Start a new .NET project
  2. Place two **C1TrueDBGrid** controls (C1TrueDBGrid1, C1TrueDBGrid2) onto the form. Also add three labels onto the form and arrange them to look like the picture below.
  3. In the **C1TrueDBGrid Tasks** menu for C1TrueDBGrid1, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Customers** table and type "DsCustomers" into the **DataSet name** box, and then finish out the wizard.
  4. In the **C1TrueDBGrid Tasks** menu for C1TrueDBGrid2, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to TDBGDemo.mdb or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **CallList** table and type "DsCallList" into the **DataSet name** box, and then finish out the wizard.
  5. In the general section of the form, add the following declarations:

## To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Dim _ptStartDrag As Point  
Dim _dragRow As Long
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
Point _ptStartDrag;  
long _dragRow;
```

6. Visual Studio adds the following code to the **Load** event of Form1 to fill the new datasets:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Me.CallListTableAdapter.Fill(Me.DsCallList.CallList)  
Me.CustomersTableAdapter.Fill(Me.DsCustomers.Customers)
```

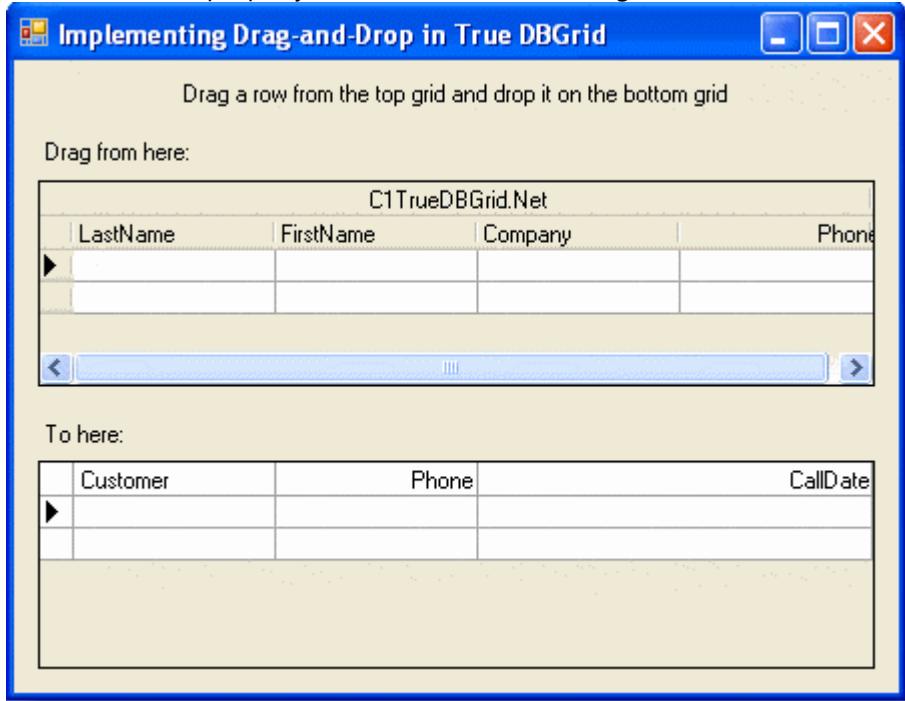
[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.CallListTableAdapter.Fill(this.DsCallList.CallList);  
this.CustomersTableAdapter.Fill(this.DsCustomers.Customers);
```

7. For the first grid (C1TrueDBGrid1) set the **AllowDrag** property to **True**. While, for the second grid, set the **AllowDrop** property to **True**.
8. Right-click C1TrueDBGrid1 and select **Retrieve Fields**. Do the same with the other grid.
9. Open up the **C1TrueDBGrid Designer** for C1TrueDBGrid1 by clicking on the **ellipsis** button next to the **Columns** property for the **C1TrueDBGrid** in the Properties window.
10. Remove all of the columns from the grid except *LastName*, *FirstName*, *Company*, and *Phone* by clicking the **Remove Column** button for each column to remove. Enter the **C1TrueDBGrid Designer** for the other grid and remove all of its columns except *Customer*, *Phone*, and *CallDate*.

11. In the Properties window set the **MarqueeStyle** for C1TrueDBGrid1 to *SolidCellBorder*. In the **C1TrueDBGrid Designer** set Column 3's (Phone) **NumberFormat** property to "(###)###-####". Open up the **C1TrueDBGrid Designer** for the second grid and set its Column 2's **NumberFormat** property to "(###)###-####". The grid should now look like the following:



## Add code to your project

This section describes the code needed to drag the contents of a cell or row from C1TrueDBGrid1 to C1TrueDBGrid2. The code assumes that if you want to drag the entire row of data to C1TrueDBGrid2 in order to add a new record there.

1. Add the following subroutine to the project to reset the **MarqueeStyle** property of each grid, which is used to provide visual feedback while dragging is in progress. The reset routine will be called to perform clean-up after a drag-and-drop operation concludes.

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Private Sub ResetDragDrop()
    ' Turn off drag-and-drop by resetting the highlight and label text.
    Me._ptStartDrag = Point.Empty
    Me._dragRow = - 1
```

```

Me.C1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.SolidCellBorder
Me.C1TrueDBGrid2.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.SolidCellBorder
Me.Label3.Text = "Drag a row from the top grid and drop it on the bottom
grid."
End Sub

```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```

private void ResetDragDrop()
{
    // Turn off drag-and-drop by resetting the highlight and label text.
    this._ptStartDrag = Point.Empty;
    this._dragRow = - 1;
    this.c1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.SolidCellBorder;
    this.c1TrueDBGrid2.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.SolidCellBorder;
    this.label3.Text = "Drag a row from the top grid and drop it on the bottom
grid.";
}

```

2. Enter the following code to handle the mouse related events:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

Private Sub C1TrueDBGrid1_MouseDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles C1TrueDBGrid1.MouseDown
    Dim row, col As Integer
    Me._ptStartDrag = Point.Empty
    Me._dragRow = - 1
    If Me.C1TrueDBGrid1.CellContaining(e.X, e.Y, row, col) Then

```

```

        ' Save the starting point of the drag operation.
        Me._ptStartDrag = New Point(e.X, e.Y)
        Me._dragRow = row
    End If
End Sub

Private Sub C1TrueDBGrid1_MouseMove(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles C1TrueDBGrid1.MouseMove

    ' If we don't have an empty start drag point, then the drag has been
initiated.
    If Not Me._ptStartDrag.IsEmpty Then

        ' Create a rectangle that bounds the start of the drag operation by 2
pixels.
        Dim r As New Rectangle(Me._ptStartDrag, Size.Empty)
        r.Inflate(2, 2)

        ' If we've moved more than 2 pixels, start the drag operation.
        If Not r.Contains(e.X, e.Y) Then
            Me.C1TrueDBGrid1.Row = Me._dragRow
            Me.C1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightRow
            Me.C1TrueDBGrid1.DoDragDrop(Me._dragRow, DragDropEffects.Copy)
        End If
    End If
End Sub

```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```

private void C1TrueDBGrid1_MouseDown(object sender,
System.Windows.Forms.MouseEventArgs e)
{
    int row, col;
    this._ptStartDrag = Point.Empty;

```

```

        this._dragRow = - 1;
        if (this.c1TrueDBGrid1.CellContaining(e.X, e.Y, row, col) )
        {
            // Save the starting point of the drag operation.
            this._ptStartDrag = new Point(e.X, e.Y);
            this._dragRow = row;
        }
    }

private void C1TrueDBGrid1_MouseMove(object sender,
System.Windows.Forms.MouseEventArgs e)
{
    // If we don't have an empty start drag point, then the drag has been
initiated.
    if (!this._ptStartDrag.IsEmpty )
    {
        // Create a rectangle that bounds the start of the drag operation by 2
pixels.
        Rectangle r = new Rectangle(this._ptStartDrag, Size.Empty);
        r.Inflate(2, 2);

        // If we've moved more than 2 pixels, start the drag operation.
        if (!r.Contains(e.X, e.Y) )
        {
            this.c1TrueDBGrid1.Row = this._dragRow;
            this.c1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightRow;
            this.c1TrueDBGrid1.DoDragDrop(this._dragRow, DragDropEffects.Copy);
        }
    }
}

```

3. Enter the following code to handle the dragging and dropping events:

[To write code in Visual Basic](#)

Visual Basic	Copy Code

```

Private Sub C1TrueDBGrid2_DragEnter(ByVal sender As Object, ByVal e As
System.Windows.Forms.DragEventArgs) Handles C1TrueDBGrid2.DragEnter
    Me.Label3.Text = "Create a new record when dropped..."
    e.Effect = DragDropEffects.Copy
End Sub

Private Sub C1TrueDBGrid2_DragDrop(ByVal sender As Object, ByVal e As
System.Windows.Forms.DragEventArgs) Handles C1TrueDBGrid2.DragDrop
    Try
        Dim row As Integer = CInt(e.Data.GetData(GetType(Integer)))

        ' Use the grid's indexer to get some data.
        Dim custname As String = Me.C1TrueDBGrid1(row, "FirstName").ToString()

        ' Use the CellText() method to get some data.
        custname += " " + Me.C1TrueDBGrid1.Columns("LastName").CellText(row)

        ' Use the CellValue() method to get some data.
        custname += " " +
Me.C1TrueDBGrid1.Columns("Company").CellValue(row).ToString()

        ' Add a new row to the data set for the bottom grid.
        Dim drv As DataRowView = Me.DsCallList.CallList.DefaultView.AddNew()
        drv("CallDate") = DateTime.Now
        drv("Customer") = custname
        drv("Phone") = Me.C1TrueDBGrid1.Columns("Phone").Value.ToString()
        drv.EndEdit()
        Me.C1TrueDBGrid2.MoveLast()
        Me.C1TrueDBGrid2.Select()

        ' Commit changes to the database.
        Dim inserted As DataSet = Me.DsCallList.GetChanges(DataRowState.Added)
        If Not (inserted Is Nothing) Then
            Me.CallListTableAdapter.Update(inserted)
        End If
        Me.ResetDragDrop()

    Catch ex As System.Exception
        MessageBox.Show(ex.Message)
    End Try
End Sub

```

```
End Try  
End Sub
```

To write code in C#

C#

Copy Code

```
private void C1TrueDBGrid2_DragEnter(object sender,  
System.Windows.Forms.DragEventArgs e)  
{  
    this.label3.Text = "Create a new record when dropped...";  
    e.Effect = DragDropEffects.Copy;  
}  
  
private void C1TrueDBGrid2_DragDrop(object sender,  
System.Windows.Forms.DragEventArgs e)  
{  
    try  
    {  
        int row = (int)e.Data.GetData(typeof(int));  
  
        // Use the grid's indexer to get some data.  
        string custname = this.c1TrueDBGrid1[row, "FirstName"].ToString();  
  
        // Use the CellText() method to get some data.  
        custname += " " + this.c1TrueDBGrid1.Columns["LastName"].CellText(row);  
  
        // Use the CellValue() method to get some data.  
        custname += " " +  
this.c1TrueDBGrid1.Columns["Company"].CellValue(row).ToString();  
  
        // Add a new row to the data set for the bottom grid.  
        DataRowView drv = this.DsCallList.CallList.DefaultView.AddNew();  
        drv["CallDate"] = DateTime.Now;  
        drv["Customer"] = custname;  
        drv["Phone"] = this.c1TrueDBGrid1.Columns["Phone"].Value.ToString();  
        drv.EndEdit();  
        this.c1TrueDBGrid2.MoveLast();
```

```

        this.c1TrueDBGrid2.Select();

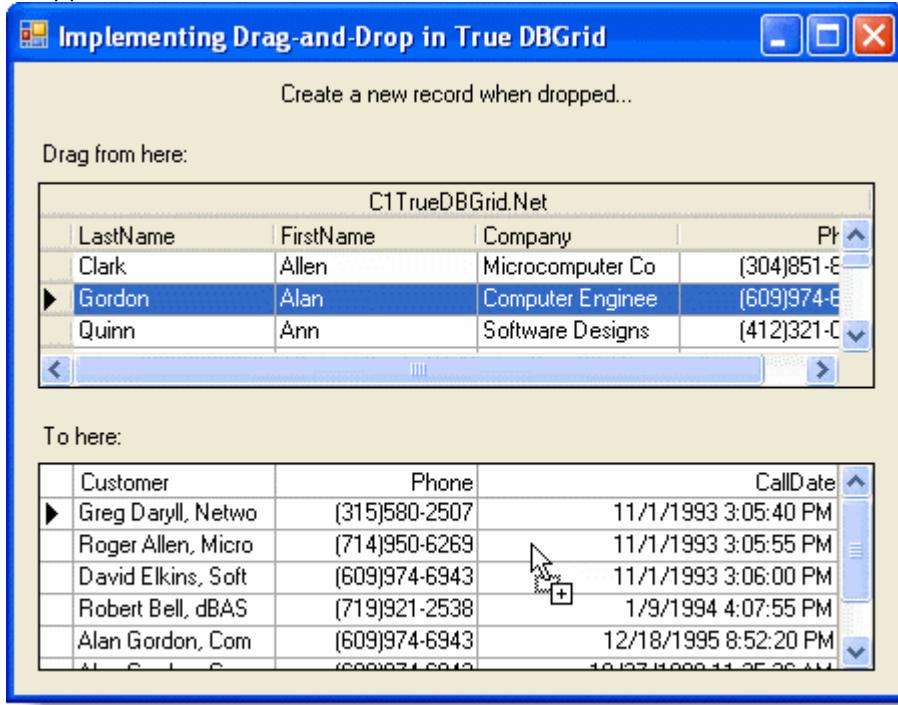
        // Commit changes to the database.
        DataSet inserted = this.DsCallList.GetChanges(DataRowState.Added);
        if (! (inserted == null) )
        {
            this.CallListTableAdapter.Update(inserted);
        }
        this.ResetDragDrop();

    }
    catch (System.Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

```

## Run the program and observe the following:

- If an item in a column in C1TrueDBGrid1 is dragged, the entire row in C1TrueDBGrid1 is highlighted, indicating that the entire row of data is being dragged.
- When dragging to TDBGrid2, the current cell marquee (a solid border around the cell) disappears.



- If the data is dropped on C1TrueDBGrid2, a new record is created using the data from the current row of C1TrueDBGrid1.

You've successfully completed implementing drag-and-drop in **C1TrueDBGrid**; this concludes tutorial 13.

## Tutorial 14: Creating a Grid with Fixed, Nonscrolling Columns

Often, you would like to prevent one or more columns from scrolling horizontally or vertically so that they will always be in view. The [SplitCollection](#) of **True DBGrid** provides a generalized mechanism for defining groups of adjacent columns, and can be used to implement any number of fixed, nonscrolling columns or rows. In this tutorial, you will learn how to write code to create a grid with two horizontal splits, and then "fix" a pair of columns in the leftmost split.

Complete the following steps:

1. Follow [Tutorial 1: Binding True DBGrid to a DataSet](#) to create a project with a C1TrueDBGrid bound to a DataSet.
2. In the **Load** event for Form1, place the following code to create an additional split and to fix columns 0 and 1 in the leftmost split:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    ' Create an additional split.
    Me.C1TrueDBGrid1.InsertHorizontalSplit(0)

    ' Hide all columns in the leftmost split except 0 and 1.
    Dim x As Integer
    For x = 2 To Me.C1TrueDBGrid1.Columns.Count - 1
        Me.C1TrueDBGrid1.Splits(0).DisplayColumns(x).Visible = False
    Next

    ' Configure split 0 to display exactly 2 columns.
    With Me.C1TrueDBGrid1.Splits(0)
        .SplitSizeMode = C1.Win.C1TrueDBGrid.SizeModeEnum.NumberOfColumns
        .SplitSize = 2
        .AllowHorizontalSizing = False
    End With
```

```

' Make columns 0 and 1 invisible in split 1.
Me.C1TrueDBGrid1.Splits(1).DisplayColumns(0).Visible = False
Me.C1TrueDBGrid1.Splits(1).DisplayColumns(1).Visible = False

' Turn off record selectors in split 1.
Me.C1TrueDBGrid1.Splits(1).RecordSelectors = False
End Sub

```

To write code in C#

C#

[Copy Code](#)

```

private void Form1_Load(System.Object sender, System.EventArgs e)
{
    // Create an additional split.
    this.c1TrueDBGrid1.InsertHorizontalSplit(0);

    // Hide all columns in the leftmost split except 0 and 1.
    int x;
    for (x = 2 ; x < this.c1TrueDBGrid1.Columns.Count; x++)
    {
        this.c1TrueDBGrid1.Splits[0].DisplayColumns[x].Visible = false;
    }

    // Configure split 0 to display exactly 2 columns.
    this.c1TrueDBGrid1.Splits[0].SplitSizeMode =
C1.Win.C1TrueDBGrid.SizeModeEnum.NumberOfColumns;
    this.c1TrueDBGrid1.Splits[0].SplitSize = 2;
    this.c1TrueDBGrid1.Splits[0].AllowHorizontalSizing = false;

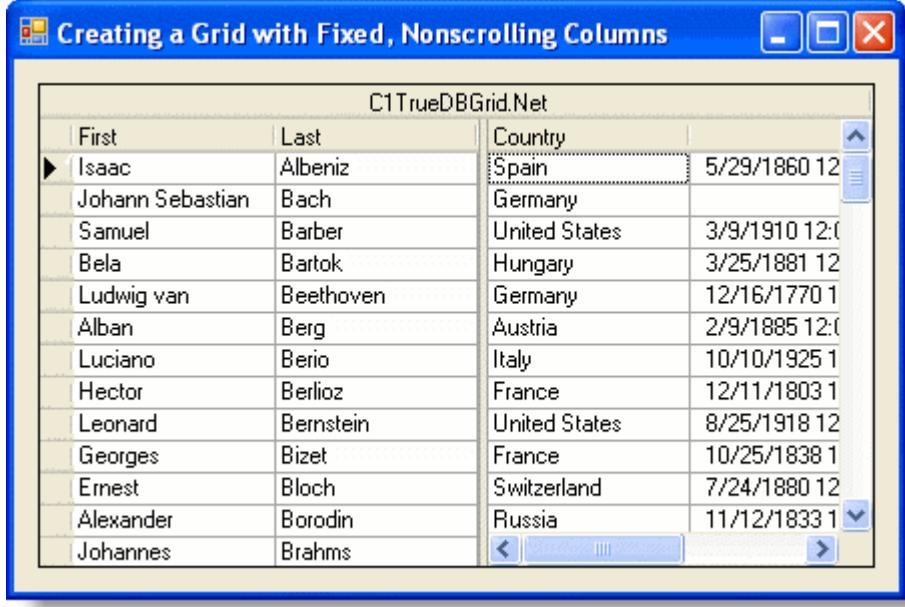
    // Make columns 0 and 1 invisible in split 1.
    this.c1TrueDBGrid1.Splits[1].DisplayColumns[0].Visible = false;
    this.c1TrueDBGrid1.Splits[1].DisplayColumns[1].Visible = false;

    // Turn off record selectors in split 1.
    this.c1TrueDBGrid1.Splits[1].RecordSelectors = false;
}

```

## Run the program and observe the following:

- [C1TrueDBGrid](#) displays data from the Data control as in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- The two columns (*First* and *Last*) in the leftmost split are fixed and cannot be scrolled. In fact, there is no horizontal scroll bar present under the left split. A horizontal scroll bar appears under the rightmost split, allowing users to scroll the columns in this split.



Use splits to create fixed, non-scrolling columns anywhere within the grid – even in the middle. Also use splits to present different views of data. For example, splits can be created that scroll independently (in the vertical direction) so that users may compare records at the beginning of the database with those at the end. For more information, see [How to Use Splits](#).

You've successfully completed creating a grid with fixed, nonscrolling columns; this concludes tutorial 14.

## Tutorial 15: Using PrintInfo and Print Preview

In this tutorial, you will learn how to use the printing and exporting capabilities of **ComponentOne True DBGrid for WinForms**.

Complete the following steps:

1. Start with the project created in [Tutorial 1: Binding True DBGrid to a DataSet](#).
2. Add one Button to the form (Button1) and change its **Text** property to "Print Preview".
3. Enter the following code in the **Load** event of Form1. It changes the **BackColor** of a column, changes a column's font, sets the **NumberFormat** property for a column to the **FormatText** event, and changes the **HeadingStyle**:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
' Change the presentation of the grid.  
With Me.C1TrueDBGrid1.Splits(0).DisplayColumns  
    .Item("Country").Style.BackColor = System.Drawing.Color.Cyan  
    Dim fntFont As Font  
    fntFont = New Font("Times New Roman", .Item("Country").Style.Font.Size,  
    FontStyle.Regular)  
    .Item("Country").Style.Font = fntFont  
    .Item("Last").Style.ForeColor = System.Drawing.Color.Red  
End With  
Me.C1TrueDBGrid1.Columns("last").NumberFormat = "FormatText Event"  
With Me.C1TrueDBGrid1.HeadingStyle  
    Dim fntfont As Font  
    fntfont = New Font(.Font.Name, .Font.Size, FontStyle.Bold)  
    .Font = fntfont  
    .BackColor = System.Drawing.Color.Blue  
    .ForeColor = System.Drawing.Color.Yellow  
End With
```

[To write code in C#](#)

C#

[Copy Code](#)

```
// Change the presentation of the grid.  
C1DisplayColumn col = this.c1TrueDBGrid1.Splits[0].DisplayColumns["Country"];  
col.Style.BackColor = System.Drawing.Color.Cyan;  
Font fntFont;  
fntFont = new Font("Times new Roman", col.Style.Font.Size, FontStyle.Regular);  
col.Style.Font = fntFont;  
c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Style.ForeColor =  
System.Drawing.Color.Red;  
this.c1TrueDBGrid1.Columns["last"].NumberFormat = "FormatText event";  
Font fntfont;  
fntfont = new Font(Font.Name, this.c1TrueDBGrid1.HeadingStyle.Font.Size,  
FontStyle.Bold);  
this.c1TrueDBGrid1.HeadingStyle.Font = fntfont;
```

```
this.c1TrueDBGrid1.HeadingStyle.BackColor = System.Drawing.Color.Blue;
this.c1TrueDBGrid1.HeadingStyle.ForeColor = System.Drawing.Color.Yellow;
```

4. In the previous code the **NumberFormat** property for a column was set to **FormatText**. This means that the **FormatText** event will fire enabling the programmer to change the style and format of column values. Enter the following code into the **FormatText** event, which changes the column values to uppercase:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Private Sub C1TrueDBGrid1_FormatText(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.FormatTextEventArgs) Handles C1TrueDBGrid1.FormatText
    e.Value = UCase(e.Value)
End Sub
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
private void C1TrueDBGrid1_FormatText(object sender,
C1.Win.C1TrueDBGrid.FormatTextEventArgs e)
{
    e.Value = e.Value.ToUpper();
}
```

5. Add the following code to the **Click** event of Button1. It uses the **PrintInfo** object and its properties and methods to create a print page header and footer. It ends by calling the **PrintPreview** method that invokes the Print Preview window:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
With Me.C1TrueDBGrid1.PrintInfo
    Dim fntFont As Font
    fntFont = New Font(.PageHeaderStyle.Font.Name, .PageHeaderStyle.Font.Size,
```

```

FontStyle.Italic)
    .PageHeaderStyle.Font = fntFont
    .PageHeader = "Composers Table"

    ' Column headers will be on every page.
    .RepeatColumnHeaders = True

    ' Display page numbers (centered).
    .PageFooter = "Page: \p"

    ' Invoke print preview.
    .UseGridColors = True
    .PrintPreview()
End With

```

To write code in C#

C#

[Copy Code](#)

```

Font fntFont;
fntFont = new Font(this.c1TrueDBGrid1.PrintInfo.PageHeaderStyle.Font.Name,
this.c1TrueDBGrid1.PrintInfo.PageHeaderStyle.Font.Size, FontStyle.Italic);
this.c1TrueDBGrid1.PrintInfo.PageHeaderStyle.Font = fntFont;
this.c1TrueDBGrid1.PrintInfo.PageHeader = "Composers Table";

// Column headers will be on every page.
this.c1TrueDBGrid1.PrintInfo.RepeatColumnHeaders = true;

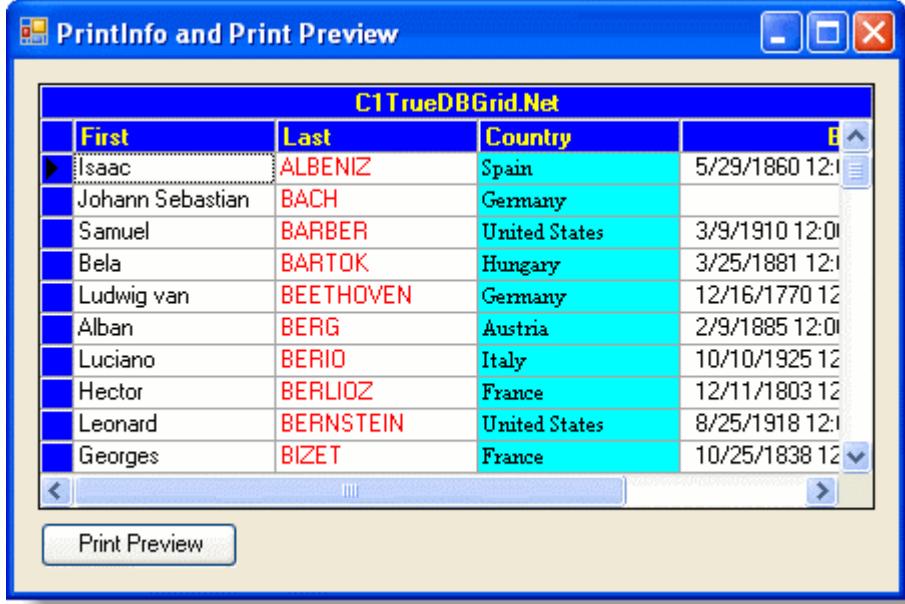
// Display page numbers (centered).
this.c1TrueDBGrid1.PrintInfo.PageFooter = "Page: \\p";

// Invoke print preview.
this.c1TrueDBGrid1.PrintInfo.UseGridColors = true;
this.c1TrueDBGrid1.PrintInfo.PrintPreview();

```

**Run the program and observe the following:**

- **C1TrueDBGrid1** displays the data using the font and color changes specified in step 4.



- Click the **Print Preview** button to display a separate application window. Note that the output mirrors the format of the grid.

You've successfully completed using PrintInfo and Print Preview; this concludes tutorial 15.

## Tutorial 16: Using the Hierarchical Display

In this tutorial, you will learn how to display Master Detail DataSet information through the grid's hierarchical display. This tutorial is similar to [Tutorial 3: Linking Multiple True DBGrid Controls](#), but this tutorial displays the same master detail information as [Tutorial 3: Linking Multiple True DBGrid Controls](#), except it only uses one **C1TrueDBGrid** object.

Complete the following steps:

1. Start by setting up a form with a grid and Master Detail DataSet by following the steps in [Tutorial 3: Linking Multiple True DBGrid Controls](#).
2. In the Properties window, set the **DataSource** property of the grid to **dsMasterDetail** and the **DataMember** property to **Composer**.
3. Next in the **Load** event of Form1 add the following code, which fills both the DataAdapters and sets the grid's display to hierarchical:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

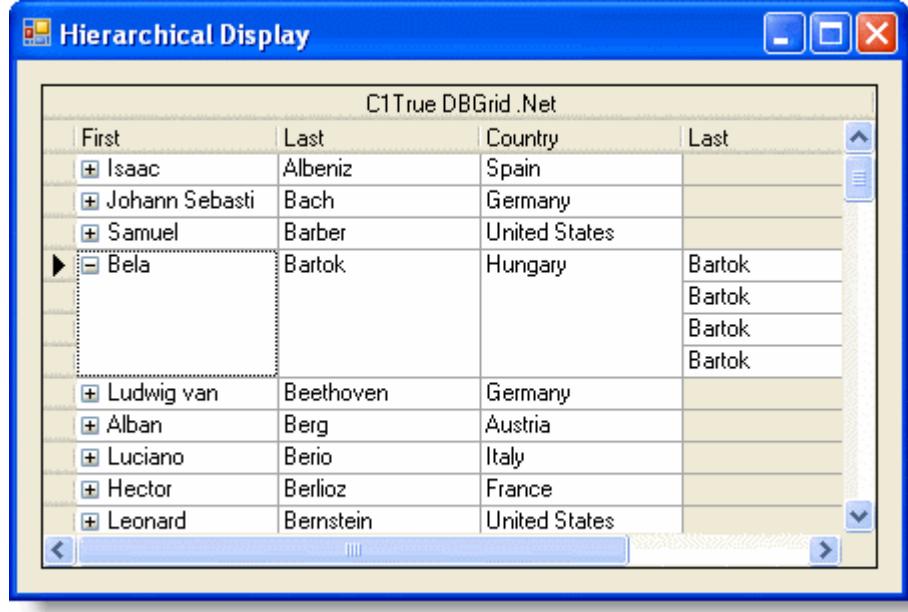
```
Me.ComposerTableAdapter.Fill(Me.DsMasterDetail.Composer)
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Hierarchical
```

To write code in C#

C#	Copy Code
<pre>this.ComposerTableAdapter.Fill(this.DsMasterDetail.Composer); this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Hierarchical;</pre>	

## Run the program and observe the following:

- C1TrueDBGrid1 displays the **Composers** table as it would if it were bound to it, but each row has an expand icon. Expand one of the rows. Notice that the associated *Opus* column data is displayed in the far columns of the grid. The data showing relates to the record in the **Composers** table that was expanded:



You've successfully completed using the hierarchical display; this concludes the tutorial.

## Tutorial 17: Creating a Grouping Display

In this tutorial, you will learn how to use the **DataView** property to create a Grouping area above the grid, which enables the user to sort the data by columns at run time.

Complete the following steps:

1. Start with the project created in [Tutorial 1: Binding True DBGrid to a DataSet](#).
2. Add the following code to the **Load** event of Form1 after the current DataAdapter code:

To write code in Visual Basic

Visual Basic

Copy Code

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
```

To write code in C#

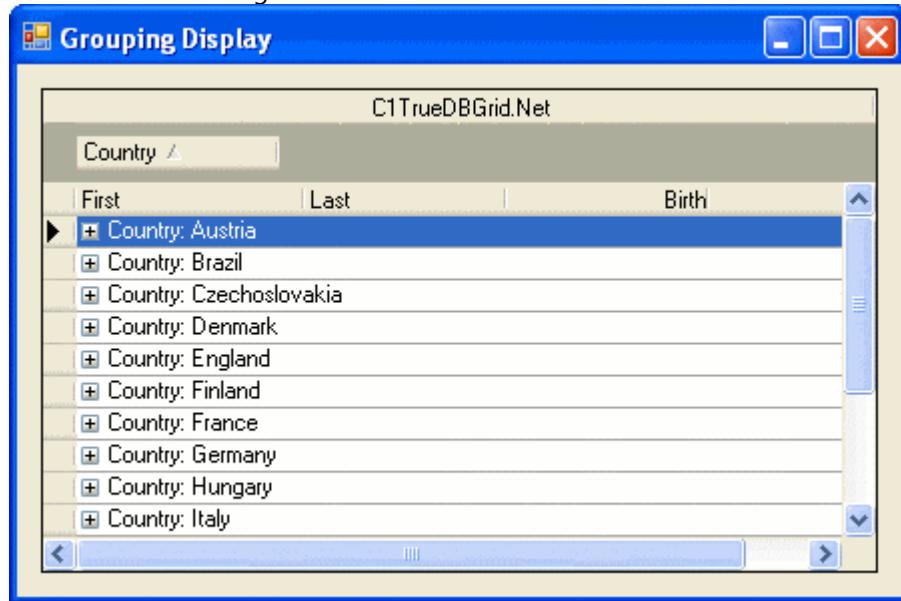
C#

Copy Code

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;
```

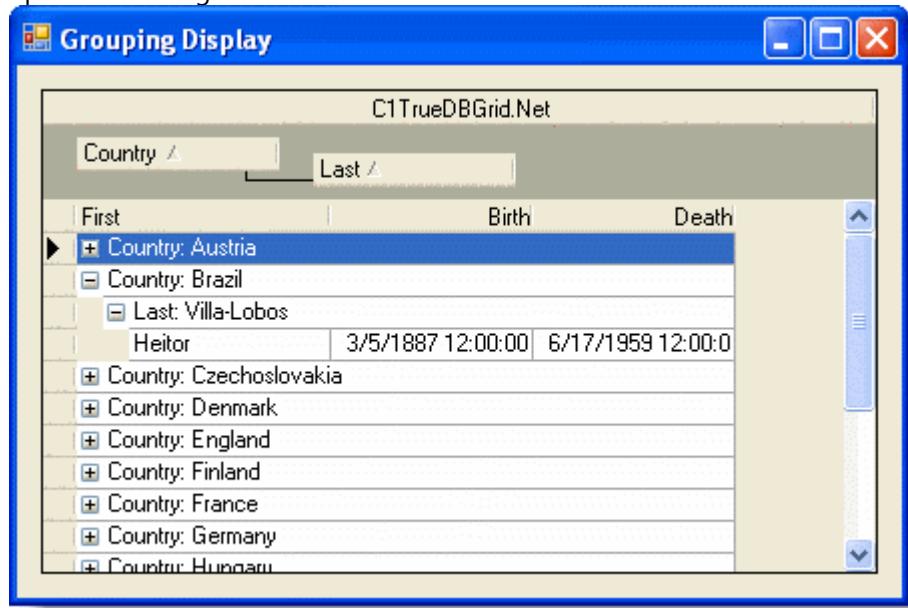
## Run the program and observe the following:

- C1TrueDBGrid1 displays the data specified in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- Notice that there is a grouping section above the grid now.
- Click the *Country* column header and drag it into the grouping area. Your grid should now look like the following:



- Notice that the **C1TrueDBGrid** has placed all of the members of the **Country** class into the left column and each row has an expand icon. Clicking on the expand icon will show you the data for every composer born in this country.
- Now drag the *Last* column header into the grouping area, then click the expand icon next to Germany. Notice that the data is first sorted by country, then sorted by the last name of the composer. Clicking on the expand icon for one of the composers under last will bring

up the remaining columns of data:



You've successfully completed creating a grouping area in the grid; this concludes the tutorial.

## Tutorial 18: Using Value Translation

In this tutorial, you will learn how to use the **C1TrueDBDropDowns ValueTranslate** property to automatically translate data from the drop-down detail data to the grid's master data.

Complete the following steps:

1. Start with the project created in [Tutorial 8: Attaching a Drop-Down Control to a Grid Cell](#).
2. In the **Load** event of the form add the following code to the existing code:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBDropDown1.ValueTranslate = True  
Me.C1TrueDBDropDown1.ListField = "TypeDesc"  
Me.C1TrueDBDropDown1.DataField = "TypeID"
```

[To write code in C#](#)

C#

[Copy Code](#)

```

this.c1TrueDBDropDown1.ValueTranslate = true;
this.c1TrueDBDropDown1.ListField = "TypeDesc";
this.c1TrueDBDropDown1.DataField = "TypeID";

```

## Run the program and observe the following:

- C1TrueDBGrid1 displays the data specified in [Tutorial 8: Attaching a Drop-Down Control to a Grid Cell](#).
- The values in the *CustType* column of the grid now display the long descriptions displayed in the drop-down. The values were automatically translated from the drop-down to the grid column at run time.

You've successfully completed using the **C1TrueDBDropDowns ValueTranslate** property; this concludes the tutorial.

## Tutorial 19: Using Range Selection

In this tutorial, you will learn how to use the **SelectedRows** and **SelectedCols** objects copy a range from the grid in such a format that it can be pasted into Microsoft Excel.

Complete the following steps:

1. Start with the project created in [Tutorial 1: Binding True DBGrid to a DataSet](#).
2. Add a command button to the form, place it in the lower left corner of the form, and set its **Text** property to "Copy".
3. Next add the following code to the **Click** event of Button1:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre> ' String to be copied to the clipboard.  Dim strTemp As String  Dim row As Integer Dim col As C1.Win.C1TrueDBGrid.C1DataColumn Dim cols As Integer, rows As Integer If Me.C1TrueDBGrid1.SelectedRows.Count &gt; 0 Then     For Each row In Me.C1TrueDBGrid1.SelectedRows          ' Copy everything here.         For Each col In Me.C1TrueDBGrid1.SelectedCols </pre>	

```

        strTemp = strTemp & col.CellText(row) & vbTab
        Next
        strTemp = strTemp & vbCrLf
        Next
        System.Windows.Forms.Clipboard.SetDataObject(strTemp, False)
        MessageBox.Show ("Range of " & Me.C1TrueDBGrid1.SelectedCols.Count & " x " &
        C1TrueDBGrid1.SelectedRows.Count & " cells have been copied to the clipboard in
        TAB delimited format")
    Else
        MessageBox.Show ("Please select a range of cells")
    End If

```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre> // String to be copied to the clipboard. string strTemp;  int row; C1.Win.C1TrueDBGrid.C1 DataColumn col; int cols, rows; if (this.c1TrueDBGrid1.SelectedRows.Count &gt; 0 ) {     foreach (row in this.c1TrueDBGrid1.SelectedRows)     {          // Copy everything here.         foreach (col in this.c1TrueDBGrid1.SelectedCols)         {             strTemp = strTemp + col.CellText(row) + "\t";         }         strTemp = strTemp + "\n";     }     System.Windows.Forms.Clipboard.SetDataObject(strTemp, false);     MessageBox.Show ("Range of " + this.c1TrueDBGrid1.SelectedCols.Count.ToString() + " x " + this.c1TrueDBGrid1.SelectedRows.Count.ToString() + " cells have been copied to </pre>	

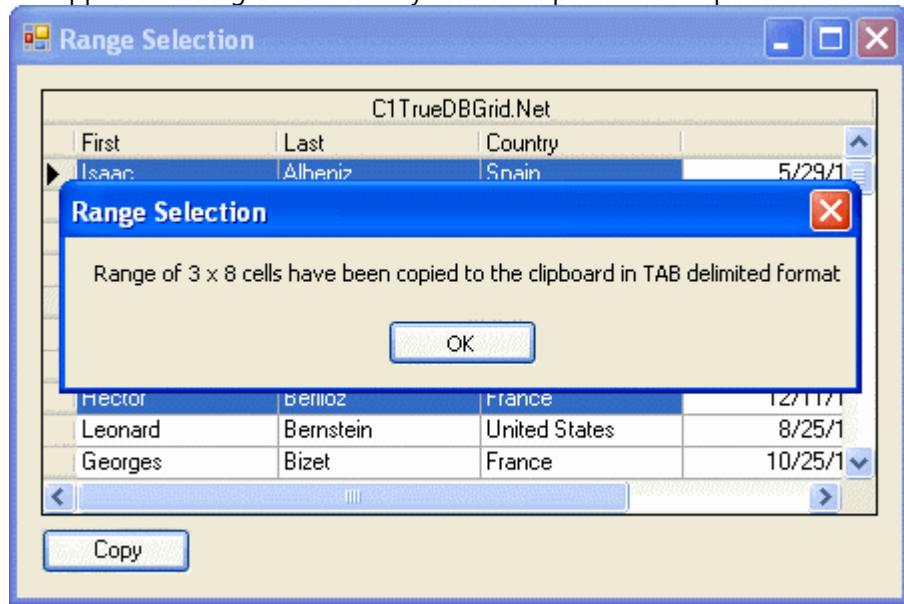
```

        the clipboard in TAB delimited format");
    }
    else
    {
        MessageBox.Show ("Please select a range of cells");
    }
}

```

## Run the program and observe the following:

- C1TrueDBGrid1 displays the data specified in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- If you select a range of cells in the **True DBGrid**, then press the copy button a message box will appear detailing the cells that you have copied to the clipboard.



- Now open Microsoft Excel. Select the exact amount of row and column cells as you selected in the **True DBGrid**, then click the **Paste** button. The cells that you copied in the grid are now pasted into Microsoft Excel.

You've successfully completed using range selection; this concludes the tutorial.

## Tutorial 20: Displaying Multiple Data Views

In this tutorial, you will learn how to use the grid's **DataView** property to display data in uncommon display formats such as Inverted View, GroupBy View, and Form View.

Complete the following steps:

1. Start with the project created in [Tutorial 1: Binding True DBGrid to a DataSet](#).
2. Add a **ComboBox** control (ComboBox1) to the project, and set its **Text** property to "Data View".

3. In the Properties window, open up the List editor for the ComboBox by clicking on the **ellipsis** button next to the **Items** property. In this editor add the following items:

Normal  
Inverted  
Form  
GroupBy  
MultipleLines  
Hierarchical

4. Now add the following code to the existing code in the **Load** event of Form1:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal Me.ComboBox1.SelectedIndex = 0</pre>	

```
Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal
Me.ComboBox1.SelectedIndex = 0
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal; this.comboBox1.SelectedIndex = 0;</pre>	

```
this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal;
this.comboBox1.SelectedIndex = 0;
```

5. Now add the following code to the **SelectedIndexChanged** event of ComboBox1. It changes the **DataView** property of the grid for each value the user selects in the ComboBox:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged     Select Case ComboBox1.SelectedItem         Case "Normal"             Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal         Case "Inverted"             Me.C1TrueDBGrid1.DataView =     End Select End Sub</pre>	

```
Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles ComboBox1.SelectedIndexChanged
    Select Case ComboBox1.SelectedItem
        Case "Normal"
            Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal
        Case "Inverted"
            Me.C1TrueDBGrid1.DataView =
    End Select
End Sub
```

```

C1.Win.C1TrueDBGrid.DataViewEnum.Inverted
    Case "Form"
        Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Form
    Case "GroupBy"
        Me.C1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy
    Case "MultipleLines"
        Me.C1TrueDBGrid1.DataView =
C1.Win.C1TrueDBGrid.DataViewEnum.MultipleLines
    Case "Hierarchical"
        MessageBox.Show ("Hierarchical View can't be set at run time. Please
see the Hierarchical Display tutorial")
    End Select
End Sub

```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre> private void ComboBox1_SelectedIndexChanged(object sender, System.EventArgs e) {     switch (ComboBox1.SelectedItem)     {         case "Normal":             this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Normal;             break;         case "Inverted":             this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Inverted;             break;         case "Form":             this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.Form;             break;         case "GroupBy":             this.c1TrueDBGrid1.DataView = C1.Win.C1TrueDBGrid.DataViewEnum.GroupBy;             break;         case "MultipleLines": </pre>	

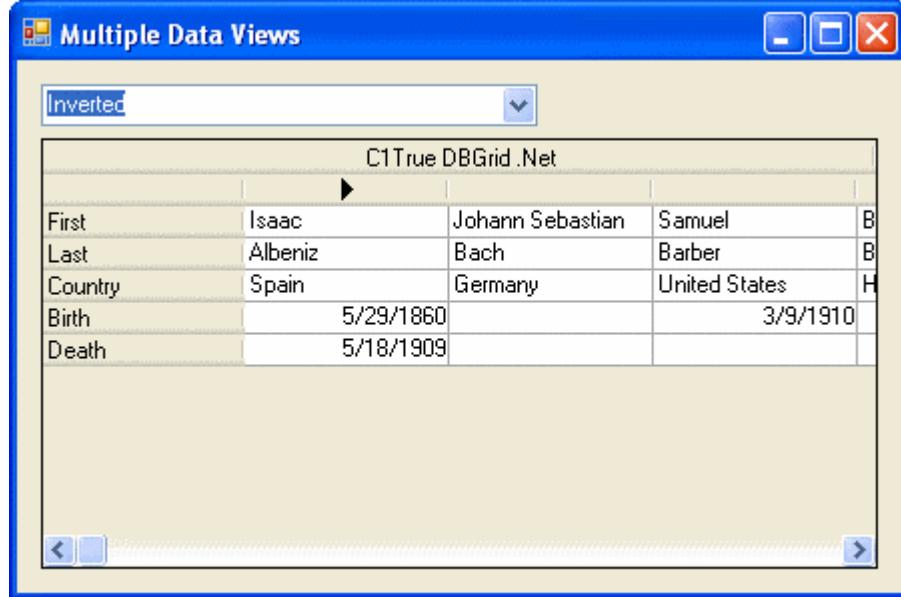
```

        this.c1TrueDBGrid1.DataView =
C1.Win.C1TrueDBGrid.DataViewEnum.MultipleLines;
        break;
    case "Hierarchical";
        MessageBox.Show ("Hierarchical View can't be set at run time. Please
see the Hierarchical Display tutorial");
        break;
    }
}

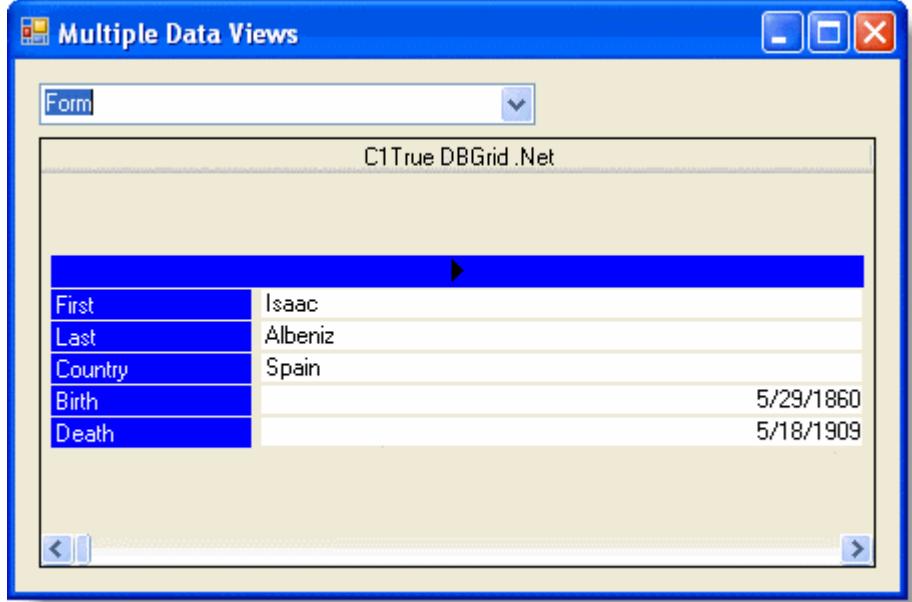
```

## Run the program and observe the following:

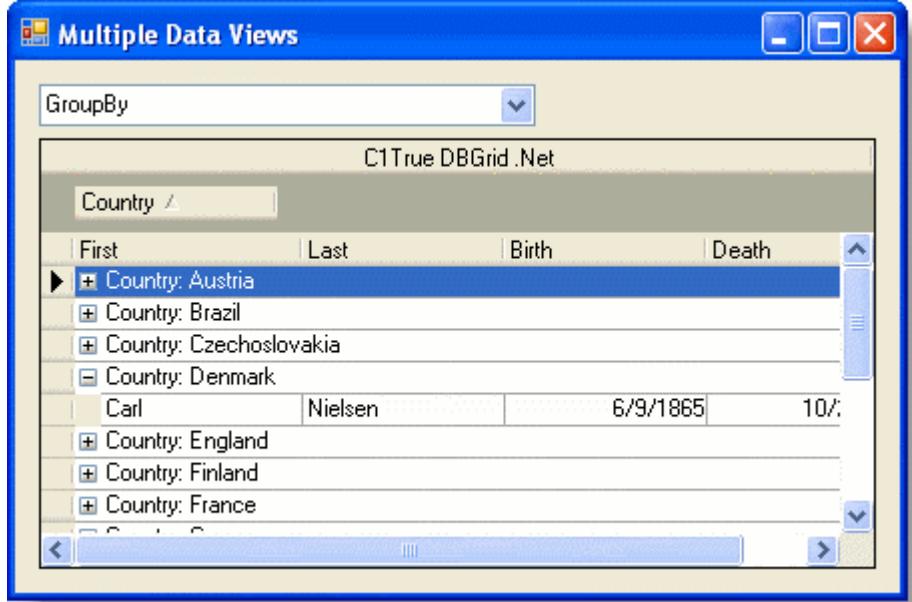
- C1TrueDBGrid1 displays the data specified in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- Change the ComboBox to **Inverted**. Inverted view shows the grid columns as rows and the grid rows as column. The grid should now look like the following:



- Change the ComboBox to **Form**. Form view shows each record in a Form-like view that is optimal for data-entry. The grid should now look like the following:

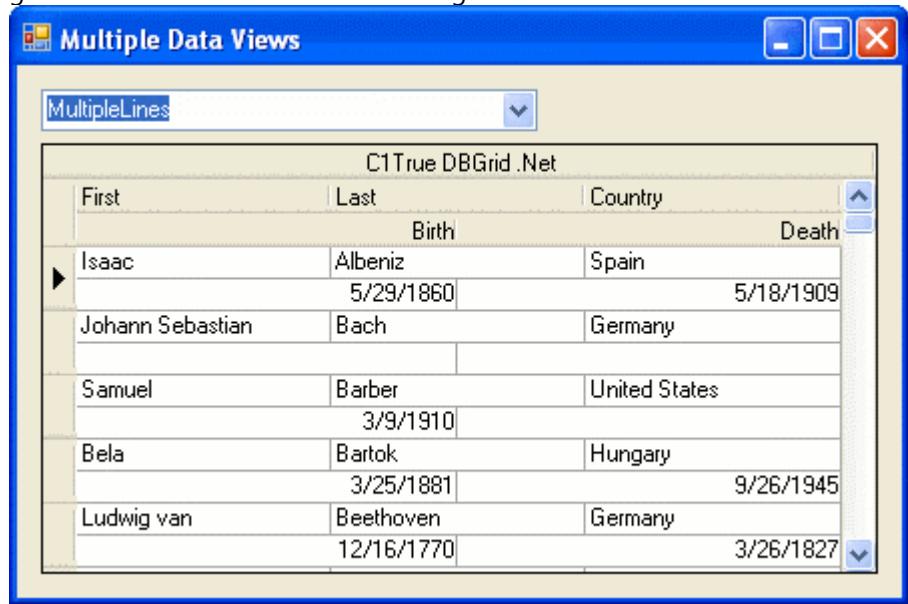


- Change the ComboBox to **GroupBy**. GroupBy View contains a grouping section above the grid where columns can be dragged. Dragging a column to this area sorts the rest of the grid by this column. Drag the Company column to the grouping area. The grid should now look like the following:



- Change the ComboBox to **MultipleLines**. The MultipleLines View shows all of the columns in the current grid area, wrapping the columns that will not fit to successive lines. Notice that the three columns that would have spilled off of the grid are now on a second line. The

grid should now look like the following:



- Now set the ComboBox to **Hierarchical**. No changes occur and the Message Box statement included in the event above pops up which is due to the fact that the hierarchical DataView cannot be set at run time. Hierarchical data must be set before the application runs. For more information on this view, see [Tutorial 16: Using the Hierarchical Display](#).

You've successfully completed displaying multiple data views; this concludes the tutorial.

## Tutorial 21: Adding a Filter Bar

In this tutorial, you will learn how to use the grid's Filter Bar functionality to allow the end user to sort column data dynamically at run time. Complete the following steps:

- Start with the project created in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- After the existing code in the **Load** event of Form1 add the following line:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.FilterBar = True</pre>	

To write code in C#

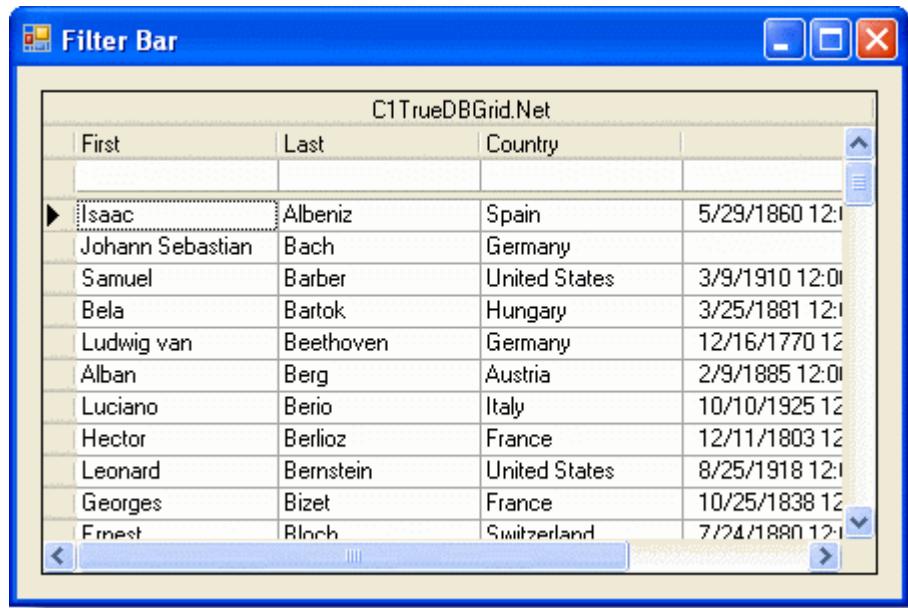
C#	Copy Code

```
this.c1TrueDBGrid1.FilterBar = true;
```

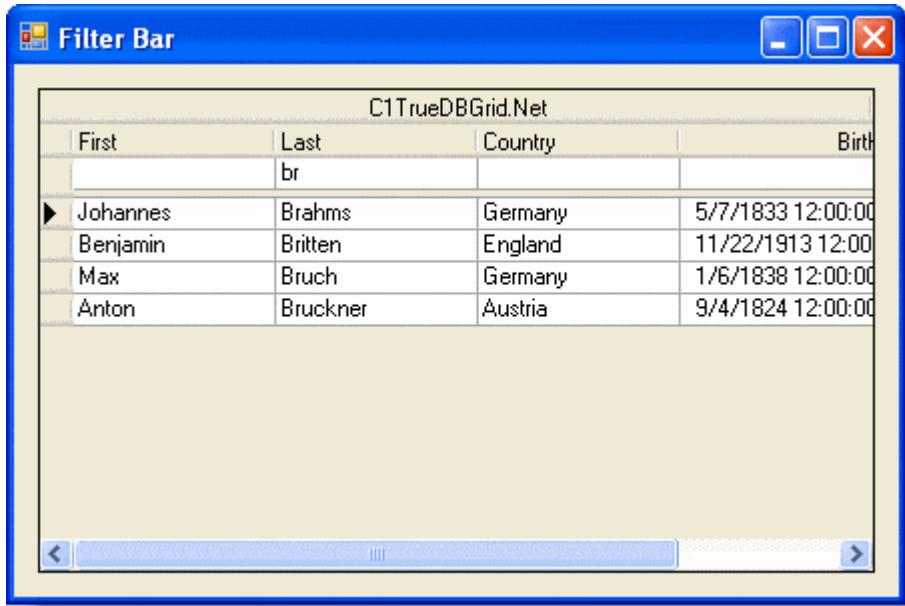
## Run the program and observe the following:

- C1TrueDBGrid1 displays the data specified in [Tutorial 1: Binding True DBGrid to a DataSet](#).
- Above the grid data is now a line that accepts user input. This is the Filter Bar. When a user enters data into the bar the grid automatically filters the column data.

### Before Filter:



### After Filter:



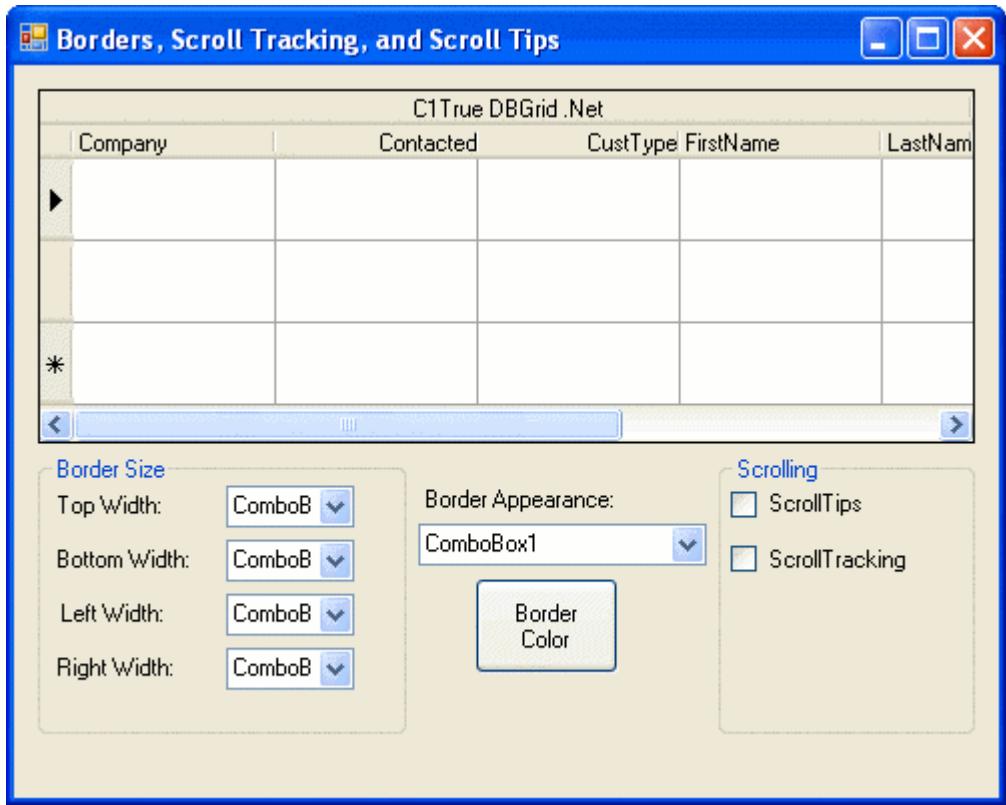
- If you would prefer to handle the filtering yourself, then you would have to change the **AllowFilter** property to **False** (keeping **FilterBar** equal to **True**). Then you would have to handle the **FilterChange** event which fires each time the state of the Filter Bar changes.

You've successfully completed adding a filter bar; this concludes the tutorial.

## Tutorial 22: Borders, Scroll Tracking, and Scroll Tips

In this tutorial, you will learn how to adjust borders, add scroll tracking, and add scroll tips to the grid. Complete the following steps:

1. Create a new project. Add a **C1TrueDBGrid** control to the form.
2. Add the following items to the form and situate them like they appear in the following image.
  - Five ComboBoxes (ComboBox1 – 5).
  - Two GroupBoxes (GroupBox1 – 2) and set their **Text** property to "**Border Size**" and "**Scrolling**" respectively.
  - Four Labels (Label1 – 5) and set their Text properties to "**Top Width**", "**Bottom Width**", "**Left Width**", "**Right Width**", and "**Border Appearance**" respectively.
  - Button (Button1) and set its **Text** property to "**Border Color**".
  - Two Checkboxes and set their text properties to "**ScrollTips**" and "**ScrollTracking**".



3. Add a **Color Dialog** control to the form (ColorDialog1).
4. In the **C1TrueDBGrid Tasks** menu, locate the **Choose Data Source** drop-down and select **Add Project Data Source**. In the adapter's **Data Source Configuration Wizard**, either select a connection to **TDBGDemo.mdb** or create a new connection to this database. On the **Choose your database objects** page of the wizard, select all fields in the **Customer** table and type "DsCustomer" into the **DataSet name** box, and then finish out the wizard.
5. Click the grid to give it focus, then in the Properties window set the **RowHeight** property to **40**.
6. Visual Studio adds the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.CustomerTableAdapter.Fill(Me.DsCustomer.Customer)</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.CustomerTableAdapter.Fill(this.DsCustomer.Customer);
```

7. In the general section of Form1 add the following declarations:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
' Copy the data.  
Dim dbTable As DataTable  
  
Dim borderColor As Color  
Dim borderLeft As Integer, borderTop As Integer, borderRight As Integer,  
borderBottom As Integer  
Dim borderType As C1.Win.C1TrueDBGrid.BorderTypeEnum
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
// Copy the data.  
DataTable dbTable;  
  
Color borderColor;  
int borderLeft, int borderTop, int borderRight, int borderBottom;  
C1.Win.C1TrueDBGrid.BorderTypeEnum borderType;
```

8. Into the **Load** event of Form1 add the following code:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
dbTable = Me.DsCustomer.Tables(0).Copy()
```

```

' Fill each combobox.
FillComboBox1()
FillCombo(ComboBox2)
FillCombo(ComboBox3)
FillCombo(ComboBox4)
FillCombo(ComboBox5)
Me.CheckBox2.Checked = True

' Initialize border sizes.
Me.borderWidth = 1
Me.borderLeft = 1
Me.borderRight = 1
Me.borderTop = 1

```

[To write code in C#](#)

C#

[Copy Code](#)

```

dbTable = this.DsCustomer.Tables[0].Copy();

// Fill each combobox.
FillComboBox1();
FillCombo(comboBox2);
FillCombo(comboBox3);
FillCombo(comboBox4);
FillCombo(comboBox5);
this.checkBox2.Checked = true;

// Initialize border sizes.
this.borderWidth = 1;
this.borderLeft = 1;
this.borderRight = 1;
this.borderTop = 1;

```

- Now add the functions that will fill the ComboBoxes:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>' Fill each combo with numbers from 1 to 10. Private Sub FillCombo(ByRef com As ComboBox)     Dim i As Integer     com.Text = 1     For i = 1 To 10         com.Items.Add(i)     Next End Sub  ' Fill the first combo with border types. Private Sub FillComboBox1()     Me.ComboBox1.Text = "None"     With Me.ComboBox1.Items         .Add("Fillet")         .Add("Flat")         .Add("Groove")         .Add("Inset")         .Add("InsetBevel")         .Add("None")         .Add("Raised")         .Add("RaisedBevel")     End With End Sub</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>// Fill each combo with numbers from 1 to 10. private void FillCombo(ref ComboBox com) {     int i;     com.Text = 1;     for (i = 1 ; i &lt;= 10; i++)     {</pre>	

```

        com.Items.Add[I];
    }
}

// Fill the first combo with border types.
private void FillComboBox1()
{
    this.comboBox1.Text = "None";
    this.comboBox1.Items.Add("Fillet");
    this.comboBox1.Items.Add("Flat");
    this.comboBox1.Items.Add("Groove");
    this.comboBox1.Items.Add("Inset");
    this.comboBox1.Items.Add("InsetBevel");
    this.comboBox1.Items.Add("None");
    this.comboBox1.Items.Add("Raised");
    this.comboBox1.Items.Add("RaisedBevel");
}

```

10. Now create a handler for the **Click** event of Button1 that will set the color of the border using the color dialog box:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Dim result As DialogResult
    result = Me.ColorDialog1.ShowDialog()
    If result = DialogResult.OK Then
        borderColor = Me.ColorDialog1.Color
        Button1.BackColor = borderColor
    End If
    UpdateBorder()
End Sub

```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
private void button1_Click(System.Object sender, System.EventArgs e)
button1.Click =
{
    DialogResult result;
    result = this.colorDialog1.ShowDialog();
    if (result == DialogResult.OK )
    {
        borderColor = this.colorDialog1.Color;
        button1.BackColor = borderColor;
    }
    UpdateBorder();
}
```

11. Now include the function that updates the borders:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Private Sub UpdateBorder()
    With
        Me.C1TrueDBGrid1.Splits(0).DisplayColumns(Me.C1TrueDBGrid1.Col).Style.Borders
            .Color = ColorDialog1.Color
            .BorderType = borderType
            .Bottom = borderBottom
            .Left = borderLeft
            .Right = borderRight
            .Top = borderTop
    End With
End Sub
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```

private void UpdateBorder()
{
    C1.Win.C1TrueDBGrid.GridBorders b;
    b =
this.c1TrueDBGrid1.Splits[0].DisplayColumns(this.c1TrueDBGrid1.Col).Style.Borders;
    b.Color = colorDialog1.Color;
    b.BorderType = borderType;
    b.Bottom = borderBottom;
    b.Left = borderLeft;
    b.Right = borderRight;
    b.Top = borderTop;
}

```

12. Now include the code that handles changes in the **ComboBox** values:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```

Private Sub ComboBox1_SelectionChangeCommitted(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ComboBox1.SelectionChangeCommitted
    Select Case Me.ComboBox1.SelectedItem
        Case "Fillet"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Fillet
        Case "Flat"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Flat
        Case "Groove"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Groove
        Case "Inset"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Inset
        Case "InsetBevel"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.InsetBevel
        Case "None"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.None
        Case "Raised"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Raised
        Case "RaisedBevel"
            Me.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.RaisedBevel
    End Select

```

```

End Select
Me.UpdateBorder()
End Sub

Private Sub ComboBox2_SelectionChangeCommitted(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ComboBox2.SelectionChangeCommitted
    Me.borderTop = Me.ComboBox2.SelectedItem
    Me.UpdateBorder()
End Sub

Private Sub ComboBox3_SelectionChangeCommitted(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ComboBox3.SelectionChangeCommitted
    Me.borderBottom = Me.ComboBox3.SelectedItem
    Me.UpdateBorder()
End Sub

Private Sub ComboBox4_SelectionChangeCommitted(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ComboBox4.SelectionChangeCommitted
    Me.borderLeft = Me.ComboBox4.SelectedItem
    Me.UpdateBorder()
End Sub

Private Sub ComboBox5_SelectionChangeCommitted(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ComboBox5.SelectionChangeCommitted
    Me.borderRight = Me.ComboBox5.SelectedItem
    Me.UpdateBorder()
End Sub

```

[To write code in C#](#)

C#

[Copy Code](#)

```

private void ComboBox1_SelectionChangeCommitted(object sender, System.EventArgs
e) {
    switch (this.comboBox1.SelectedItem)
    {
        case "Fillet";
            this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Fillet;
    }
}

```

```

        break;
    case "Flat";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Flat;
        break;
    case "Groove";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Groove;
        break;
    case "Inset";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Inset;
        break;
    case "InsetBevel";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.InsetBevel;
        break;
    case "None";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.None;
        break;
    case "Raised";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.Raised;
        break;
    case "RaisedBevel";
        this.borderType = C1.Win.C1TrueDBGrid.BorderTypeEnum.RaisedBevel;
        break;
    }
    this.UpdateBorder();
}

private void comboBox2_SelectionChangeCommitted(object sender, System.EventArgs e) {
    this.borderTop = this.comboBox2.SelectedItem;
    this.UpdateBorder();
}

private void comboBox3_SelectionChangeCommitted(object sender, System.EventArgs e) {
    this.borderBottom = this.comboBox3.SelectedItem;
    this.UpdateBorder();
}

private void comboBox4_SelectionChangeCommitted(object sender, System.EventArgs

```

```

e) {
    this.borderLeft = this.comboBox4.SelectedItem;
    this.UpdateBorder();
}

private void comboBox5_SelectionChangeCommitted(object sender, System.EventArgs e) {
    this.borderRight = this.comboBox5.SelectedItem;
    this.UpdateBorder();
}

```

13. Finally include the code that handles the check boxes and the **FetchScrollTips** event that sets the ToolTip box that displays when the user is scrolling:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```

Private Sub CheckBox1_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles CheckBox1.Click
    Me.C1TrueDBGrid1.ScrollTips = Me.CheckBox1.Checked
End Sub

Private Sub CheckBox2_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles CheckBox2.Click
    Me.C1TrueDBGrid1.ScrollTrack = Me.CheckBox2.Checked
End Sub

Private Sub C1TrueDBGrid1_FetchScrollTips(ByVal sender As System.Object, ByVal e As C1.Win.C1TrueDBGrid.FetchScrollTipsEventArgs) Handles
C1TrueDBGrid1.FetchScrollTips

    ' Set the ScrollTip depending on which scroll bar was moved.
    Select Case e.ScrollBar
        Case C1.Win.C1TrueDBGrid.ScrollBarEnum.Horizontal
            e.ScrollTip = Me.C1TrueDBGrid1.Columns(e.ColIndex).Caption
        Case C1.Win.C1TrueDBGrid.ScrollBarEnum.Vertical
            e.ScrollTip = "Record: " & CStr(e.Row + 1) & " of " &

```

```

CStr(Me.dbTable.Rows.Count) & vbCrLf & "Company: " &
Me.dbTable.Rows(e.Row).Item("Company") & vbCrLf & "User code: " &
Me.dbTable.Rows(e.Row).Item("UserCode")
End Select
e.TipStyle.ForeColor = Color.Blue
End Sub

```

To write code in C#

C#	Copy Code
----	-----------

```

private void checkBox1_Click(object sender, System.EventArgs e)
{
    this.c1TrueDBGrid1.ScrollTips = this.checkBox1.Checked;
}

private void checkBox2_Click(object sender, System.EventArgs e)
{
    this.c1TrueDBGrid1.ScrollTrack = this.checkBox2.Checked;
}

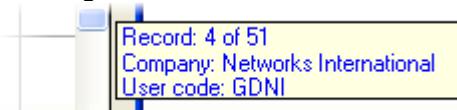
private void c1TrueDBGrid1_FetchScrollTips(System.Object sender,
C1.Win.C1TrueDBGrid.FetchScrollTipsEventArgs e)
{
    // Set the ScrollTip depending on which scroll bar was moved.
    switch (e.ScrollBar)
    {
        case C1.Win.C1TrueDBGrid.ScrollBarEnum.Horizontal:
            e.ScrollTip = this.c1TrueDBGrid1.Columns[e.ColIndex].Caption;
            break;
        case C1.Win.C1TrueDBGrid.ScrollBarEnum.Vertical:
            e.ScrollTip = "Record: " + (e.Row + 1).ToString() + " of " +
this.dbTable.Rows.Count.ToString() + "\n" + "Company: " +
this.dbTable.Rows[e.Row]["Company"].ToString() + "\n" + "User code: " +
this.dbTable.Rows[e.Row]["UserCode"].ToString();
            break;
    }
    e.TipStyle.ForeColor = Color.Blue;
}

```

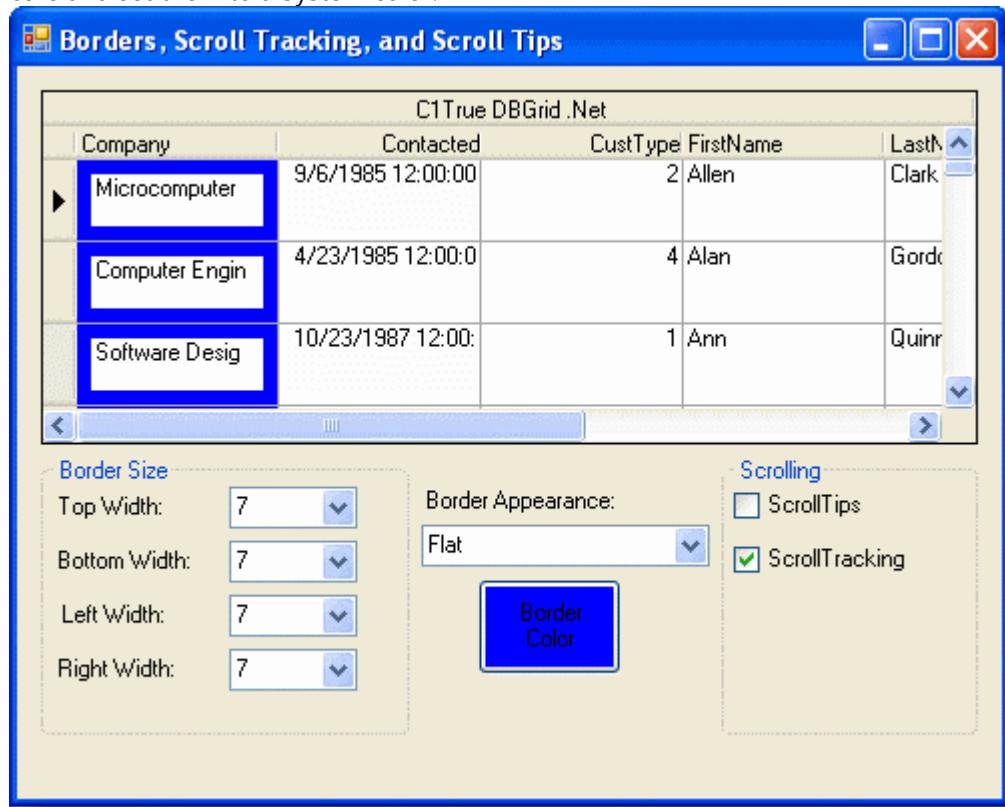
}

## Run the program and observe the following:

- C1TrueDBGrid1 displays the data specified.
- Setting ScrollTrack to **True** lets you see the data as it is being scrolled.
- Setting ScrollTips to **True** shows a ToolTip box with column information while the user is scrolling.



- By manipulating the ComboBoxes and the Color Dialog, create a border around a column's cells and set them to a System color.



You've successfully adjusted borders, added scroll tracking, and added scroll tips to the grid; this concludes the tutorial.

## True DBGrid for WinForms Task-Based Help

The task-based help assumes that you are familiar with programming in Visual Studio .NET, and know how to use the **C1TrueDBGrid** control in general. If you are unfamiliar with the **ComponentOne True DBGrid for WinForms** product, please see the [True DBGrid for WinForms Tutorials](#) first.

Each topic in this section provides a solution for specific tasks using the **ComponentOne True DBGrid for WinForms** product.

Each task-based help topic also assumes that you have created a new .NET project. Some of the examples reference the **TDBGDemo.mdb** database which is installed in **C:\Users\username\Documents\ComponentOne Samples\Common** (XP) or **C:\Documents and Settings\username\My Documents\ComponentOne Samples\Common** (Vista) by default.

## See Also

[Adding a New Row to C1TrueDBGrid](#)

[Controling Grid Interaction](#)

[Setting the Grid's Appearance](#)

[Moving the Focus in Code](#)

[Adding Custom Error Checking to C1TrueDBGrid](#)

[Changing the Column Order in the Grid](#)

[Resizing Columns During Grid Resizing](#)

[Exporting Grid Data](#)

[Getting the DataRow for a Row Index After Sorting or Filtering](#)

[Modifying the ConnectionString](#)

[Moving to the AddNew Row](#)

[Saving the Layout of the Grid](#)

[Searching for Entries in a Column](#)

[Setting Default Values for New Rows](#)

[Displaying a Column Total in the Footer](#)

[Displaying the Current Column and Row](#)

[Displaying the Date and Time in a Column](#)

[Programmatically Entering Edit Mode](#)

[Changing the Filter Language](#)

[Creating a Custom Print Preview](#)

## Adding a New Row to C1TrueDBGrid

To add a new row to [C1TrueDBGrid](#), use the [AllowAddNew](#) property and the [UpdateData](#) method.

Complete the following steps:

1. Set the **AllowAddNew** property to **True**.

### In the Designer

Locate the **AllowAddNew** property in the Properties window and set it to **True**.

### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.AllowAddNew = True</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.c1TrueDBGrid1.AllowAddNew = true;</pre>	

2. Move to the last column in the grid by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.MoveLast()</pre>	

[To write code in C#](#)

C#	Copy Code

```
this.c1TrueDBGrid.MoveLast();
```

3. Select the new row:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.Row = Me.C1TrueDBGrid1.Row + 1 Me.C1TrueDBGrid1.Select()	

Me.C1TrueDBGrid1.Row = Me.C1TrueDBGrid1.Row + 1 Me.C1TrueDBGrid1.Select()	
--	--

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.Row = this.c1TrueDBGrid1.Row + 1; this.c1TrueDBGrid1.Select();	

this.c1TrueDBGrid1.Row = this.c1TrueDBGrid1.Row + 1; this.c1TrueDBGrid1.Select();	
--	--

4. Assign values to the new cells in the first three columns:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.Columns(0).Text = "New Row" Me.C1TrueDBGrid1.Columns(1).Text = "New Row" Me.C1TrueDBGrid1.Columns(2).Text = "New Row"	

Me.C1TrueDBGrid1.Columns(0).Text = "New Row" Me.C1TrueDBGrid1.Columns(1).Text = "New Row" Me.C1TrueDBGrid1.Columns(2).Text = "New Row"	
--	--

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.Columns[0].Text = "New Row"; this.c1TrueDBGrid1.Columns[1].Text = "New Row"; this.c1TrueDBGrid1.Columns[2].Text = "New Row";	

this.c1TrueDBGrid1.Columns[0].Text = "New Row"; this.c1TrueDBGrid1.Columns[1].Text = "New Row"; this.c1TrueDBGrid1.Columns[2].Text = "New Row";	
---	--

5. Update the data to the dataset:

To write code in Visual Basic

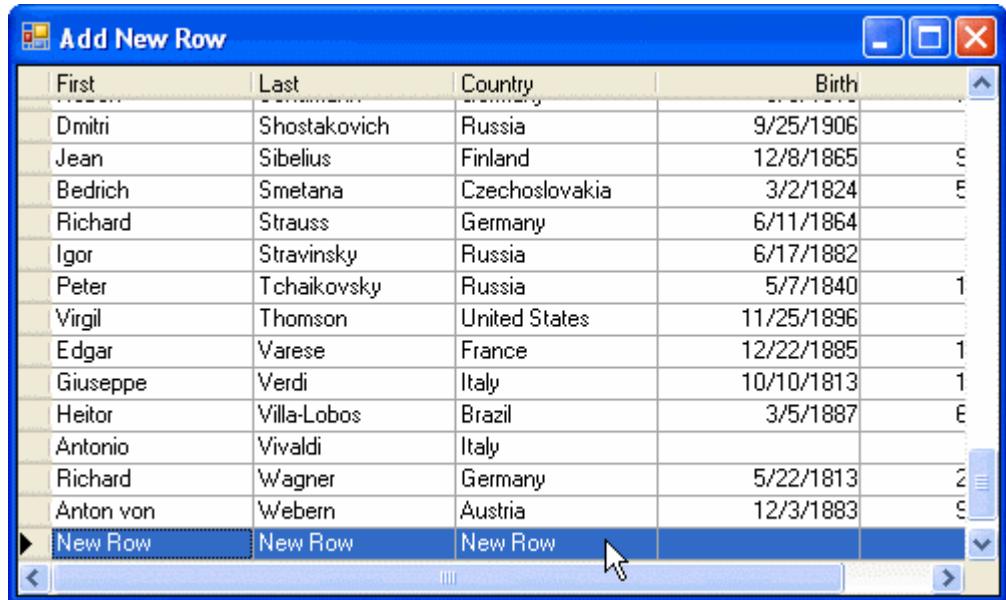
Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.UpdateData()	

To write code in C#

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.UpdateData();	

## What You've Accomplished

In this example, a new row has been added to the TDBGDemo.mdb:



There is also a [SelectedRows](#) property which points to a collection which contains a reference to all the selected rows in the grid.

## See Also

## Selecting a Row

### Accessing the Values of the Selected Rows in the Grid

#### Selecting a Row

Highlighting a row does not select the row. In order for the row to be selected, it must be added to the [SelectedRowCollection](#). This can be done using the [Add](#) method.

Add the following code to the **Click** event of the **Select** button:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.SelectedRows.Add(Me.C1TrueDBGrid1.Bookmark)</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.SelectedRows.Add(this.c1TrueDBGrid1.Bookmark);</pre>	

## What You've Accomplished

Using this example, the current row is selected:



See [Tutorial 5: Selecting Multiple Rows Using Bookmarks](#) for an example of the **Add** method being used.

### Accessing the Values of the Selected Rows in the Grid

To access the values of the selected rows in a grid, you must access the **SelectedRows** collection.

Use the following code to write each of the selected rows to the Debug window:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Dim row As Integer For Each row In Me.C1TrueDBGrid1.SelectedRows     Debug.WriteLine(Me.C1TrueDBGrid1.Columns(0).CellValue(row)) Next</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>int row;</pre>	

```

foreach (int row in this.c1TrueDBGrid1.SelectedRows)
{
    Debug.WriteLine(this.c1TrueDBGrid1.Columns(0).CellValue(row));
}

```

You can also use the grid's index to access the rows. Use the following code:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

Dim row As Integer
For Each row In Me.C1TrueDBGrid1.SelectedRows
    Debug.WriteLine(Me.C1TrueDBGrid1(row, 0).ToString())
Next

```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```

int row;
foreach (int row in this.c1TrueDBGrid1.SelectedRows)
{
    Debug.WriteLine(this.c1TrueDBGrid1(row, 0).ToString());
}

```

For this example, the following code was added to the **Button1\_Click** event in [Tutorial 5: Selecting Multiple Rows Using Bookmarks](#):

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

Dim row As Integer
For Each row In Me.C1TrueDBGrid1.SelectedRows
    Debug.WriteLine(Me.C1TrueDBGrid1(row, 1).ToString())
Next

```

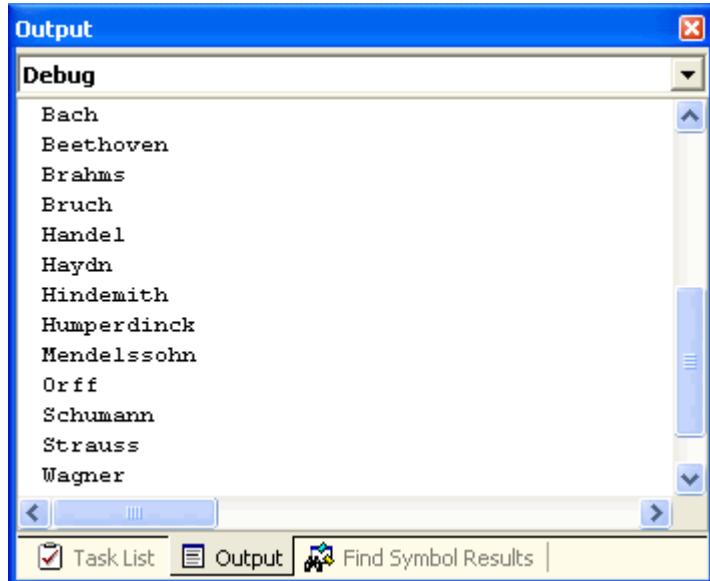
To write code in C#

C#	Copy Code
----	-----------

```
int row;
foreach (int row in this.c1TrueDBGrid1.SelectedRows)
{
    Debug.WriteLine(this.c1TrueDBGrid1(row, 1).ToString());
}
```

## What You've Accomplished

The Last name of each composer in a selected row is returned in the Debug window:



## Controlling Grid Interaction

The following task-based help topics detail how you can limit your users' interaction with **True DBGrid for WinForms**. For example, you can prevent users from interacting with the grid by sorting, editing, and more.

## See Also

[Disabling Column Sorting](#)

[Locking a Cell from Being Edited](#)

[Freezing Columns](#)

## Restricting Editing in Specific Columns

### Disabling Column Sorting

To disable column sorting, set the [AllowSort](#) property to **False**. This property can be set either in the designer or in code.

## In the Designer

Locate the [AllowSort](#) property in the Properties window and set it to **False**.

## In Code

Add the following code to the **Form\_Load** event to set the [AllowSort](#) property to **False**.

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.AllowSort = False</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.c1TrueDBGrid1.AllowSort = false;</pre>	

## What You've Accomplished

Clicking on the *First* column does not sort the column:



### Locking a Cell from Being Edited

You may want to prevent the end user from editing the data in particular cells. If you choose, you can lock individual grid cells from being edited at run time by using the [FetchCellStyle](#) event.

To lock the value in cell (1, 0), complete the following steps:

1. Set the [FetchStyle](#) property of the column containing the cell to **True**.

#### In the Designer

- Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
- Select the *First* column by clicking on its column header in the right pane. Alternatively, it can also be selected from the drop-down list in the toolbar.
- Click the **Display Columns** tab in the left pane.
- Set the [FetchStyle](#) property to **True**.
- Click **OK** to close the designer.

#### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns(0).FetchStyle = True
```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns[0].FetchStyle = true;
```

2. Set the **Locked** property of the **CellStyle** object to **True** only for the value in row one:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Private Sub C1TrueDBGrid1_FetchCellStyle(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs) Handles  
C1TrueDBGrid1.FetchCellStyle  
    If e.Row = 1 Then  
        e.CellStyle.Locked = True  
    End If  
End Sub
```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
private void C1TrueDBGrid1_FetchCellStyle(object sender,  
C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs e)  
{  
    if (e.Row == 1)  
    {  
        e.CellStyle.Locked = true;  
    }  
}
```

## What You've Accomplished

The value in the cell (1, 0) cannot be edited:

First	Last	Country	Birth	
Isaac	Albeniz	Spain	5/29/1860	5
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	9
Bela	Bartok	Hungary	3/25/1881	3
Ludwig van	Beethoven	Germany	12/16/1770	12
Alban	Berg	Austria	2/9/1885	12
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	
Ernest	Bloch	Switzerland	7/24/1880	7
Alexander	Borodin	Russia	11/12/1833	2
Johannes	Brahms	Germany	5/7/1833	
Benjamin	Britten	England	11/22/1913	1
...	Dvorak	Czechoslovakia	1/6/1841	1

### Freezing Columns

To freeze columns in the grid, set the **Frozen** property to **True**. Freezing columns locks them from being scrolled and also prevents all columns with a lesser index from being scrolled. This property can be set either in the designer or in code.

## In the Designer

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. In the designer, select the *Last* column by clicking it in the right pane.  
The column can also be selected by choosing *Last* from the drop-down list in the toolbar.
3. Click the **Display Column** tab in the left pane.
4. Locate the **Frozen** property and set it to **True**.
5. Click **OK** to close the designer.

## In Code

Add the following code to the **Form\_Load** event to freeze the *Last* column:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").Frozen = True
```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Frozen = true;
```

## What You've Accomplished

Both the *First* and *Last* columns are frozen and will remain on the grid when it is scrolled to the right:



## Restricting Editing in Specific Columns

To restrict editing in specific columns, set the **Locked** property to **True**. This property can be set either in the designer or in code.

## In the Designer

Complete the following steps to lock the *Last* column:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).

2. In the designer, select the *Last* column by clicking it in the right pane.  
The column can also be selected by choosing *Last* from the drop-down list in the toolbar.
3. Click the **Display Column** tab in the left pane.
4. Locate the **Locked** property and set it to **True**.
5. Click **OK** to close the designer.

## In Code

Add the following code to the **Form\_Load** event to lock the *Last* column:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").Locked = True</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Locked = true;</pre>	

## What You've Accomplished

The cells in the *Last* column cannot be edited, but other columns can be edited:

First	Last	Country	Birth	
Isaac	Albeniz	Spain	5/29/1860	5
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	9
Ludwig van	Beethoven	Germany	12/16/1770	3
Alban	Berg	Austria	2/9/1885	12
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	
Ernest	Bloch	Switzerland	7/24/1880	7
Alexander	Borodin	Russia	11/12/1833	2
Johannes	Brahms	Germany	5/7/1833	
Benjamin	Britten	England	11/22/1913	1
M...	Bruhns	Germany	1/2/1820	1

## Setting the Grid's Appearance

The following task-based help topics detail how you can change the appearance of **True DBGrid for WinForms** controls. For example, you can add gradients to columns, change the font, set background color and height of rows, and more.

## See Also

[Adding a Gradient Fill to a Column](#)

[Formatting Rows by Specific Criteria](#)

[Hiding the Record Selectors Column](#)

[Highlighting the Row of the Selected Cell](#)

[Disabling Selected Highlight](#)

[Placing an Image in a Column Header](#)

[Setting Multiple Height Values for Rows](#)

[Setting the Background Color of a Row](#)

[Setting the Column's Caption Height](#)

[Setting the Font Style of a Column](#)

[Aligning the Column Headers](#)

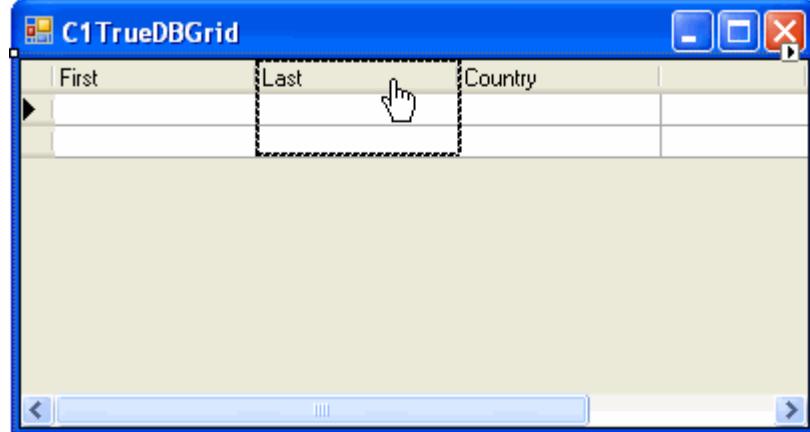
## Adding a Gradient Fill to a Column

To add a gradient fill to a column, set the [GradientMode](#), [BackColor](#), and [BackColor2](#) properties. Also, setting the [GammaCorrection](#) property to **True** to apply the gradient with a more uniform intensity. These properties can be set either in the designer or in code.

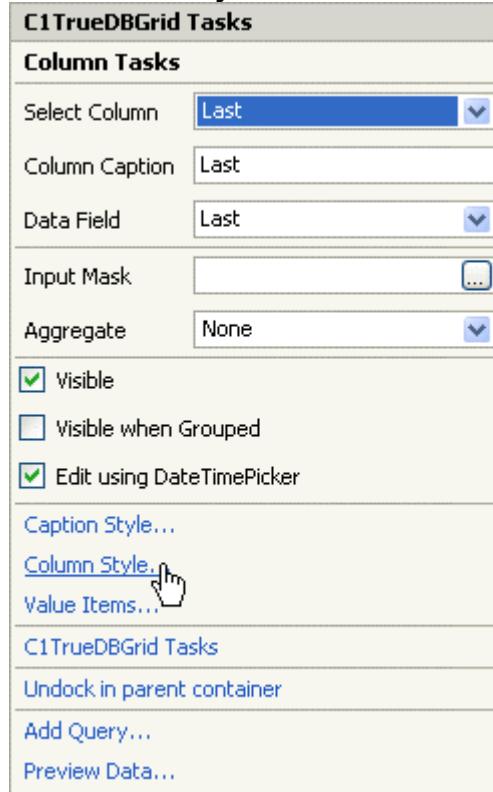
## In the Tasks Menu

Complete the following steps to set the gradient fill using the **C1TrueDBGrid Tasks** menu:

1. Select the *Last* column in the grid and click it to open the **C1TrueDBGrid Tasks** menu.

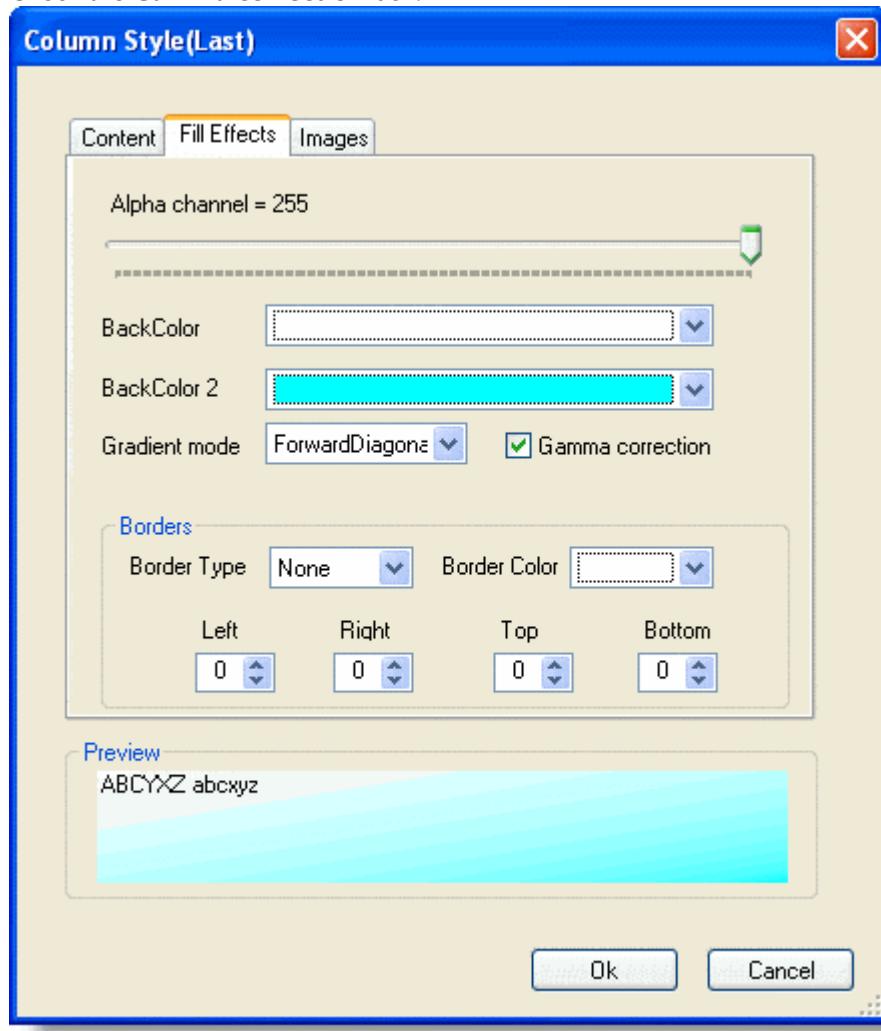


2. Select **Column Style** from the menu.



3. Click the **Fill Effects** tab.

4. Set **BackColor 2** to **Aqua**.
5. Set **Gradient mode** to **ForwardDiagonal**.
6. Check the **Gamma correction** box.



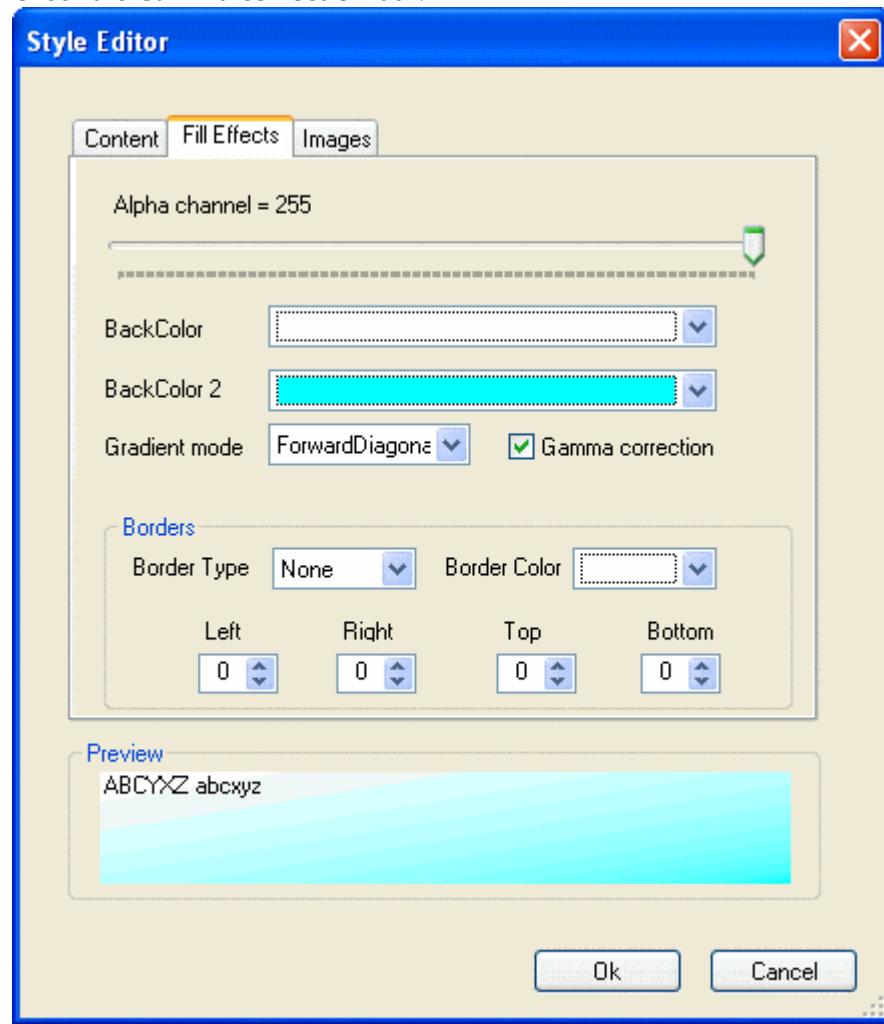
7. Click **Ok** to close the **Column Style(Last)** dialog box.

## In the Designer

Alternatively, the gradient fill can also be set through the **C1TrueDBGrid Designer**. To set the gradient fill using the designer, complete the following:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. Select the *Last* column by clicking it in the right pane.  
The column can also be selected by choosing *Last* from the drop-down list in the toolbar.
3. Click the **Display Column** tab in the left pane.
4. Click the **ellipsis** button next to the **Style** property to open the **Style Editor**.
5. In the **Style Editor**, click the **Fill Effects** tab.
6. Set **BackColor 2** to **Aqua**.

7. Set **Gradient mode** to **ForwardDiagonal**.
8. Check the **Gamma correction** box.



9. Click **Ok** to close the **Style Editor**.
10. Click **OK** to close the **C1TrueDBGrid Designer**.

## In Code

1. Set **GradientMode** to **ForwardDiagonal** by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").Style.GradientMode =
```

```
C1.Win.C1TrueDBGrid.GradientModeEnum.ForwardDiagonal
```

To write code in C#:

C#	Copy Code
----	-----------

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Style.GradientMode =  
C1.Win.C1TrueDBGrid.GradientModeEnum.ForwardDiagonal;
```

2. Set **BackColor2** to **Aqua**:

To write code in Visual Basic:

Visual Basic	Copy Code
--------------	-----------

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").Style.BackColor2 = Color.Aqua
```

To write code in C#:

C#	Copy Code
----	-----------

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Style.BackColor2 =  
Color.Aqua;
```

3. Set **GammaCorrection** to **True**:

To write code in Visual Basic:

Visual Basic	Copy Code
--------------	-----------

```
Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").Style.GammaCorrection = True
```

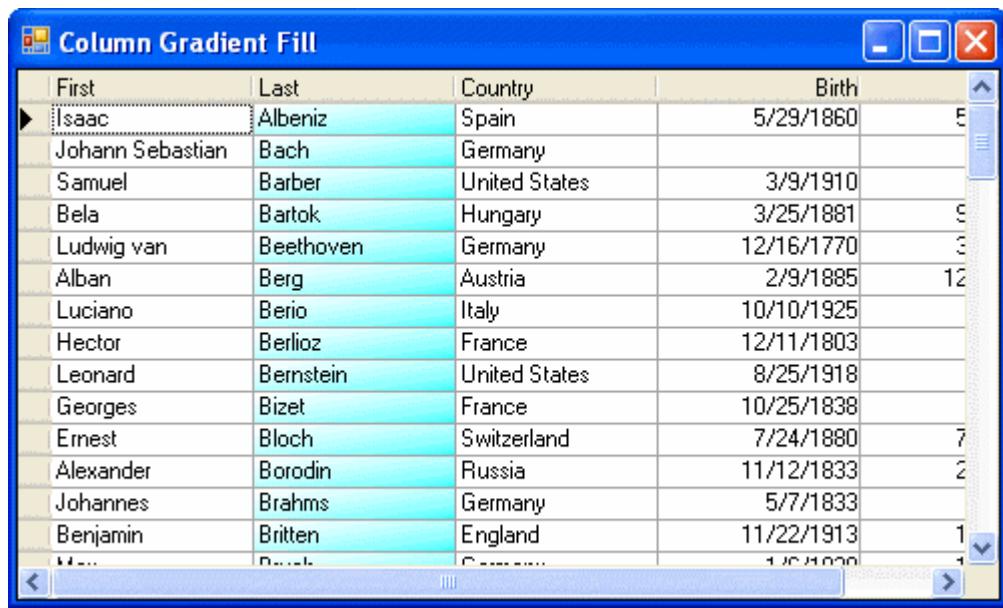
To write code in C#:

C#	Copy Code
----	-----------

```
this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].Style.GammaCorrection =  
true;
```

## What You've Accomplished

The *Last* column has a white to aqua, forward diagonal gradient fill:



### Formatting Rows by Specific Criteria

To format rows based on specific criteria, use the [FetchRowStyles](#) property and the [FetchRowStyle](#) event. In this example, rows that do not have values in the *Birth* or *Death* columns will be highlighted green and all other rows will be locked and formatted in Steel Blue, Tahoma font.

1. Set the [FetchRowStyles](#) property to **True**.

#### In the Designer

Locate the [FetchRowStyles](#) property in the Properties window and set it to **True**. br/>[In Code](#)

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.FetchRowStyles = True</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.FetchRowStyles = true;</pre>	

2. Add the [FetchRowStyle](#) event:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle  End Sub</pre>	

```
Private Sub C1TrueDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle  
  
End Sub
```

To write code in C#

C#	Copy Code
<pre>private void c1TrueDBGrid1_FetchRowStyle(object sender, C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs e) {  }</pre>	

3. Declare the variables to get the values in the *Birth* and *Death* columns by adding the following code to the [FetchRowStyle](#) event:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>' Declare variables to get the values in the columns. Dim bday As String =</pre>	

```
' Declare variables to get the values in the columns.  
Dim bday As String =
```

```

Me.C1TrueDBGrid1.Columns("Birth").CellText(e.Row).ToString
    Dim ddate As String =
Me.C1TrueDBGrid1.Columns("Death").CellText(e.Row).ToString

```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```

// Declare variables to get the values in the columns.
string bday = this.c1TrueDBGrid1.Columns["Birth"].CellText(e.Row).ToString;
string ddate = this.c1TrueDBGrid1.Columns["Death"].CellText(e.Row).ToString;

```

4. Disable editing and change the font if there is an empty cell in either the *Birth* or *Death* column by adding the following code after the code in step 3:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```

' If the Birth or Death column does not contain an empty cell, disable editing
and change the font.

If (bday <> "" AndAlso ddate <> "") And (bday <> "" OrElse ddate <> "") Then
    eCellStyle.Locked = True
    eCellStyle.Font = New Font("Tahoma", 9)
    eCellStyle.ForeColor = Color.SteelBlue
End If

```

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```

// If the Birth or Death column does not contain an empty cell, disable editing
and change the font.

if ((bday != "" && ddate != "") And (bday != "" || ddate != ""))
{
    eCellStyle.Locked = true;
}

```

```
    e.CellStyle.Font = new Font("Tahoma", 9);
    e.CellStyle.ForeColor = Color.SteelBlue;
}
```

5. Highlight the rows that contain an empty cell by adding the following code after the code in step 4:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>' If the Birth or Death column contains an empty cell, highlight the row. If bday = "" Or ddate = "" Then     eCellStyle.BackColor = Color.PaleGreen End If</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>// If the Birth or Death column contains an empty cell, highlight the row. if (bday == ""    ddate == "") {     eCellStyle.BackColor = Color.PaleGreen; }</pre>	

## What You've Accomplished

Rows with blank values in the *Birth* or *Death* column are highlighted and all other rows are not editable and in a different font. Adding a value to a blank cell will change the formatting of the cell.

	Last	Country	Birth	Death
Albeniz	Spain	5/29/1860	5/18/1909	
Bach	Germany			
Barber	United States	3/9/1910		
Bartok	Hungary	3/25/1881	9/26/1945	
Beethoven	Germany	12/16/1770	3/26/1827	
Berg	Austria	2/9/1885	12/24/1935	
Berio	Italy	10/10/1925		
Berlioz	France	12/11/1803	3/8/1869	
Bernstein	United States	8/25/1918		
Bizet	France	10/25/1838	6/3/1875	
Bloch	Switzerland	7/24/1880	7/15/1959	
Borodin	Russia	11/12/1833	2/27/1887	
Brahms	Germany	5/7/1833	4/3/1897	
Britten	England	11/22/1913	12/4/1976	
Bunke	Sweden	1/6/1822	10/27/1892	

### Hiding the Record Selectors Column

The Record Selectors column appears by default at the far left side of the control and it includes an icon to indicate the selected row. To hide the Record Selectors column, set the [RecordSelectors](#) property to **False**. Hiding the Record Selectors column restricts selecting rows. This property can be set either in the designer or in code.

## In the Designer

To set the [RecordSelectors](#) property using the **C1TrueDBGrid Designer**:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. In the designer, click **Record Selectors** in the toolbar to hide the column.  

Record Selectors
3. Click **OK** to close the **C1TrueDBGrid Designer**.

## In the Properties Window

Alternatively, the [RecordSelectors](#) property can also be set in the Properties window. To set the [RecordSelectors](#) property in the Properties window:

- Locate the [RecordSelectors](#) property in the Properties window and set it to **False**.

## In Code

Add the following code to the **Form\_Load** event to hide the Record Selectors column:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.RecordSelectors = False</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.RecordSelectors = false;</pre>	

## What You've Accomplished

The Record Selectors column is not visible:

First	Last	Country	Birth	Death
Isaac	Albeniz	Spain	5/29/1860	5/18/1909
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van	Beethoven	Germany	12/16/1770	3/26/1827
Alban	Berg	Austria	2/9/1885	12/24/1935
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	3/8/1869
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	6/3/1875
Ernest	Bloch	Switzerland	7/24/1880	7/15/1959
Alexander	Borodin	Russia	11/12/1833	2/27/1887
Johannes	Brahms	Germany	5/7/1833	4/3/1897
Benjamin	Britten	England	11/22/1913	12/4/1976
...	...	...	...	...

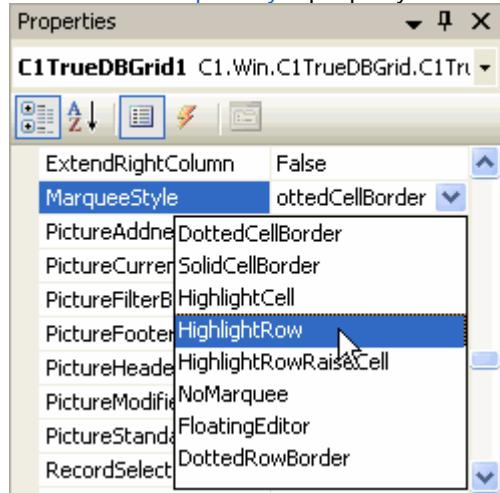
### Highlighting the Row of the Selected Cell

To highlight the row of the selected cell, set the [MarqueeStyle](#) property to [HighlightRow](#). This can be set either in the designer or in code.

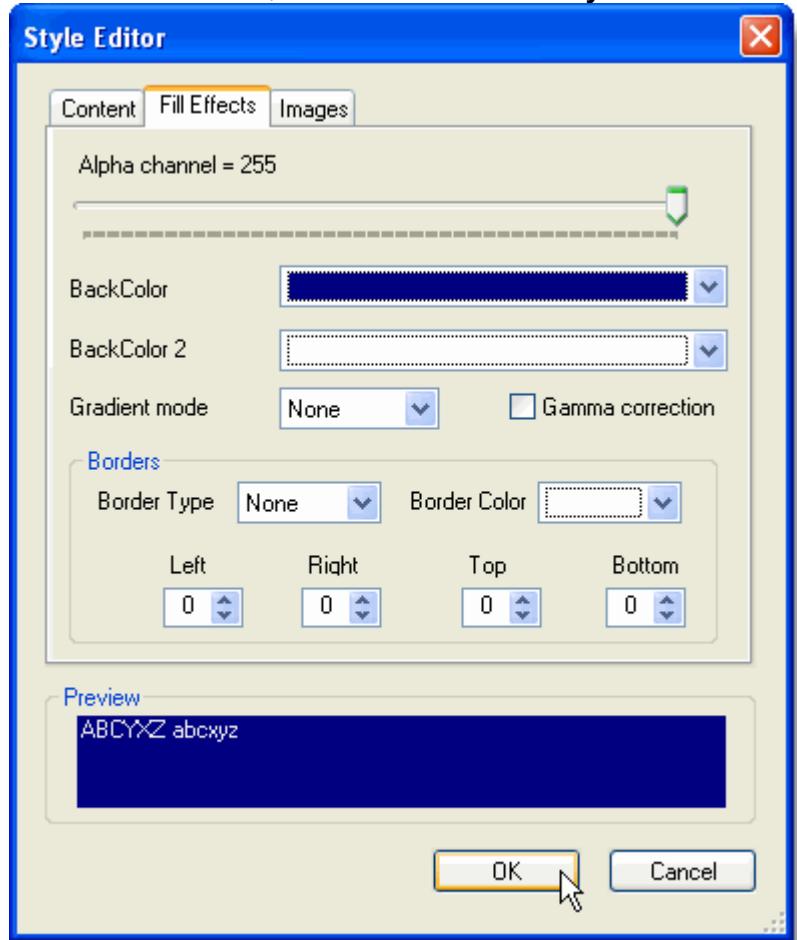
## In the Designer

Complete the following steps to highlight the row of the selected cell using the designer:

1. Locate the **MarqueeStyle** property in the Properties window and set it to **HighlightRow**.



2. Click the **ellipsis** button next to the **HighlightRowStyle** property in the Properties window to open the **Style Editor**.
3. On the **Contents** tab, set the **ForeColor** to **WhiteSmoke**.
4. On the **Fill Effects** tab, set the **BackColor** to **Navy**.



5. Click **Ok** to close the **Style Editor**.

## In Code

To highlight the row of the selected cell using code, complete the following steps:

1. Set the **MarqueeStyle** property to **HighlightRow** by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.MarqueeStyle = C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightRow</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.MarqueeStyle = C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightRow;</pre>	

2. Set the **ForeColor** of the highlight to **WhiteSmoke**:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.HighLightRowStyle.ForeColor = Color.WhiteSmoke</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.HighLightRowStyle.ForeColor = Color.WhiteSmoke;</pre>	

3. Set the **BackColor** of the highlight to **Navy**:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.HighLightRowStyle.BackColor = Color.Navy	

To write code in C#

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.HighLightRowStyle.BackColor = Color.Navy;	

## What You've Accomplished

When a cell is selected, the entire row will highlight with the text in WhiteSmoke and the highlight in Navy:

First	Last	Country	Birth	Death
Isaac	Albeniz	Spain	5/29/1860	5/29/1940
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	1/28/1981
Bela	Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van	Beethoven	Germany	12/16/1770	12/26/1827
Alban	Berg	Austria	2/9/1885	12/2/1935
► Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	3/8/1869
Leonard	Bernstein	United States	8/25/1918	10/14/1990
Georges	Bizet	France	10/25/1838	3/3/1875
Ernest	Bloch	Switzerland	7/24/1880	7/15/1959
Alexander	Borodin	Russia	11/12/1833	2/27/1887
Johannes	Brahms	Germany	5/7/1833	4/2/1897
Benjamin	Britten	England	11/22/1913	10/4/2001
...	...	...	...	...

### Disabling Selected Highlight

You can disable cell highlighting by setting the [MarqueeStyle](#) and [SelectedStyle](#) properties. To highlight the row of the selected cell, set the [MarqueeStyle](#) property to [NoMarquee](#). See [Highlighting the Current Row or Cell](#) for details. To disable the selected style, change the [SelectedStyle](#) property's attributes.

## In the Designer

Complete the following steps to highlight the row of the selected cell using the designer:

1. Locate the **MarqueeStyle** property in the Properties window and set it to **NoMarquee**.
2. Click the **ellipsis** button next to the **SelectedStyle** property in the Properties window to open the **Style Editor**.
3. On the **Contents** tab, set the **ForeColor** to **Black**.
4. On the **Fill Effects** tab, set the **BackColor** to **Transparent**.
5. Click **Ok** to close the **Style Editor**.

## In Code

To highlight the row of the selected cell using code, complete the following steps:

1. Set the **MarqueeStyle** property to **NoMarquee** by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.MarqueeStyle = C1.Win.C1TrueDBGrid.MarqueeEnum.NoMarquee	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.MarqueeStyle = C1.Win.C1TrueDBGrid.MarqueeEnum.NoMarquee;	

2. Set the **ForeColor** of the highlight to **Black**:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.SelectedStyle.ForeColor = Color.Black	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.SelectedStyle.ForeColor = Color.Black;</pre>	

3. Set the **BackColor** of the highlight to **Transparent**:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Selected.BackColor = Color.Transparent</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Selected.BackColor = Color.Transparent;</pre>	

## What You've Accomplished

Selected cells, rows, and columns will no longer display any indicating highlighting.

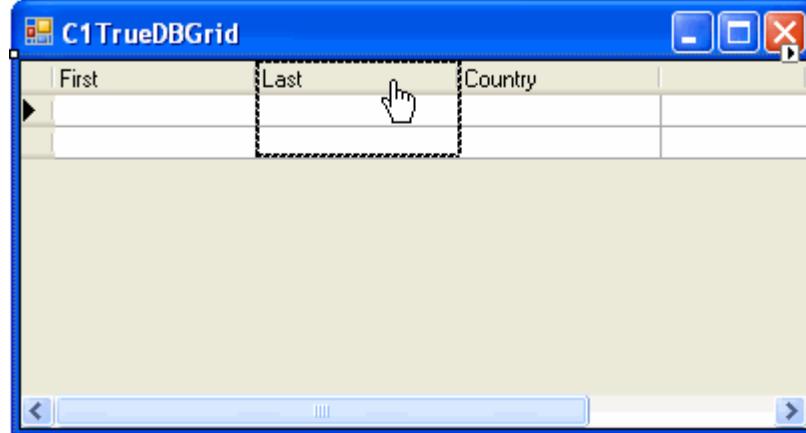
### Placing an Image in a Column Header

To place an image in a column header, set the [ForegroundImage](#) and [ForeGroundPicturePosition](#) properties. These properties can be set either in the designer or in code.

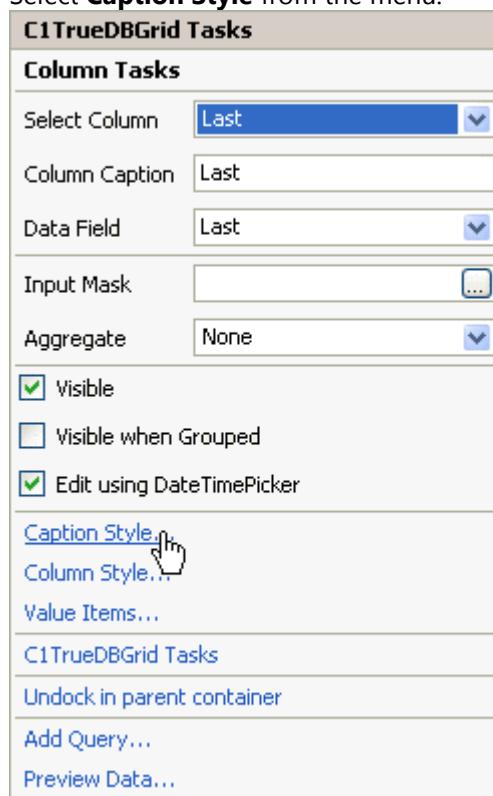
## In the Tasks Menu

To place an image in a column header using the **C1TrueDBGrid Tasks** menu:

1. Select the *Last* column in the grid and click it to open the **C1TrueDBGrid Tasks** menu.

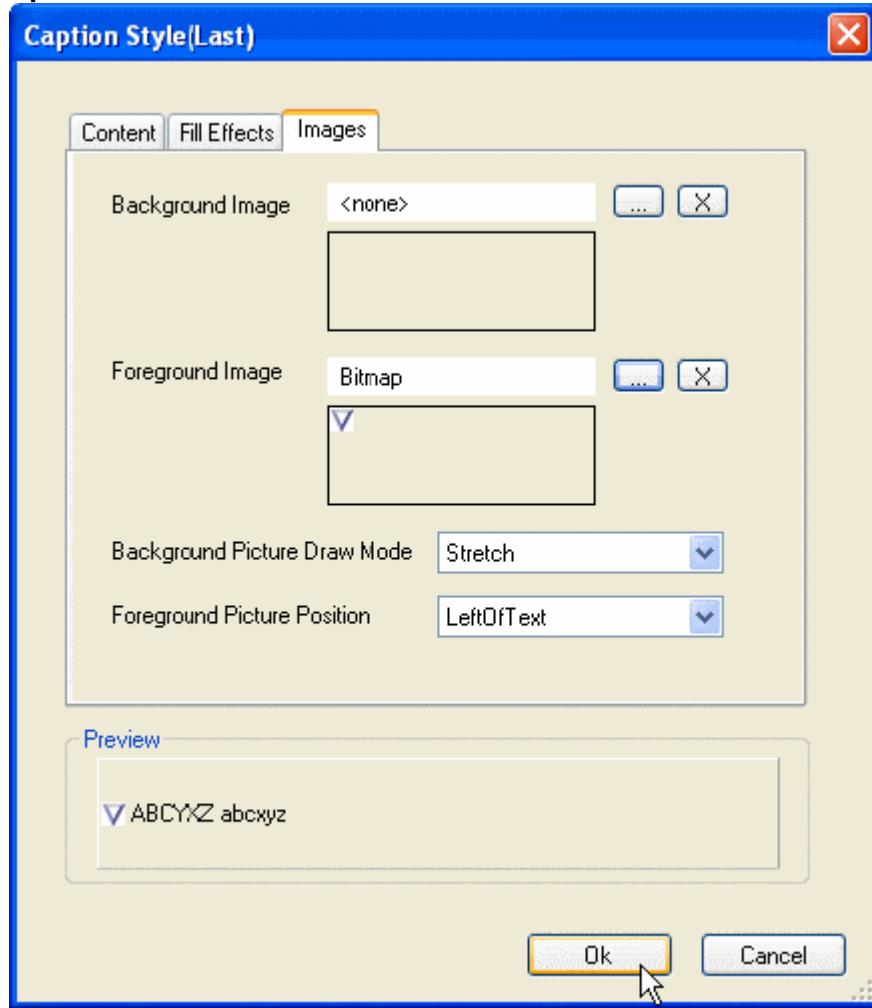


2. Select **Caption Style** from the menu.



3. Click the **Images** tab.

4. Click the **ellipsis** button next to the **Foreground Image**. Browse for the image and click **Open**.



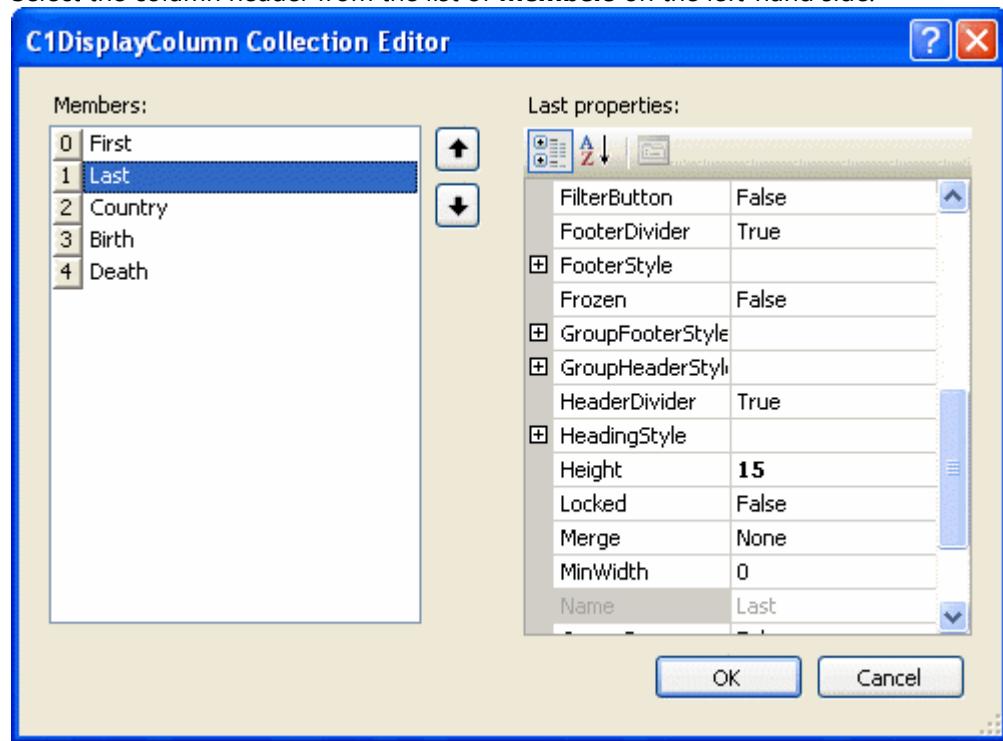
5. Specify the position of the picture using the **Foreground Picture Position** drop-down box.
6. Click **Ok** to close the **Caption Style(Last)** dialog box.

## In the C1DisplayColumn Collection Editor

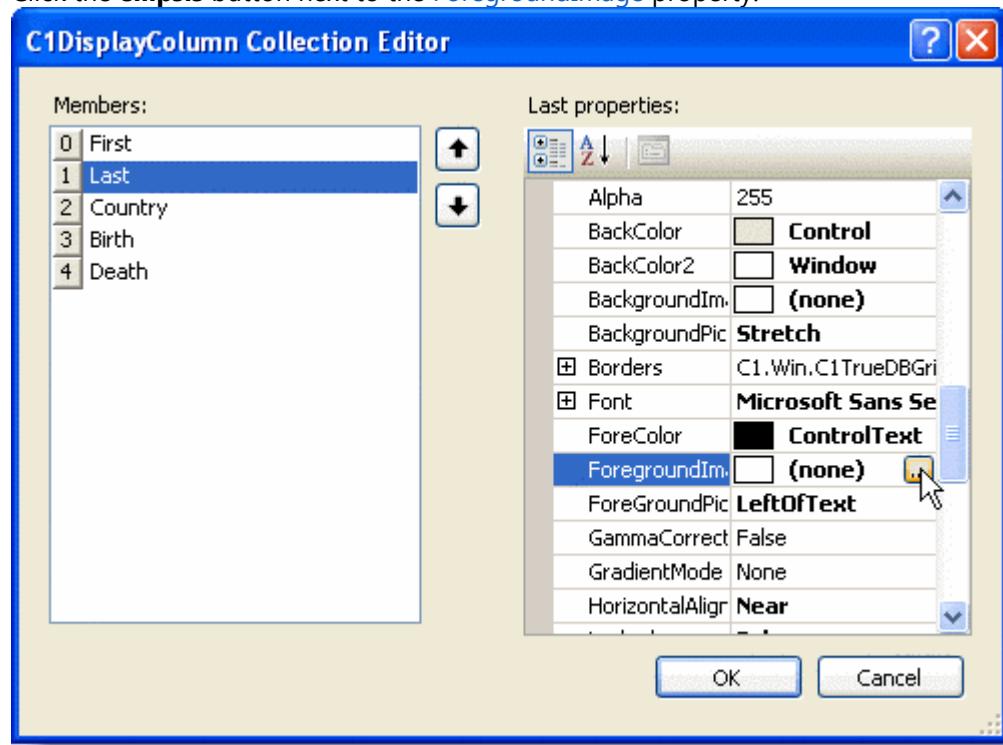
Alternatively, an image can also be placed in the column header at design time using the **C1DisplayColumn Collection Editor**.

1. Click the **ellipsis** button (...) next to the [Splits](#) property of the grid in the Visual Studio Properties window. The **Split Collection Editor** appears.
2. Click the **ellipsis** button next to the [DisplayColumns](#) property to bring up the **C1DisplayColumn Collection Editor**.

3. Select the column header from the list of **Members** on the left-hand side.



4. Expand the **HeadingStyle** property on the right-hand side.  
5. Click the **ellipsis** button next to the **ForegroundImage** property.



6. Browse for a graphic and click **Open**.  
7. Specify the position of the graphic using the **ForeGroundPicturePosition** property.

8. Click **OK** to close the **C1DisplayColumn Collection Editor**.
9. Click **OK** again to close the **Split Collection Editor**.

## In Code

Add the following code to the **Form\_Load** event:

1. Specify the image to appear in the header:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Dim bmp As New Bitmap("c:\\sort.bmp")</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>Bitmap bmp = new Bitmap("c:\\\\sort.bmp");</pre>	

2. Specify where the image should appear:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).HeadingStyle.ForegroundImage = bmp Me.C1TrueDBGrid1.Splits(0).DisplayColumns(1).HeadingStyle.ForeGroundPicturePosition = C1.Win.C1TrueDBGrid.ForeGroundPicturePositionEnum.LeftOfText</pre>	

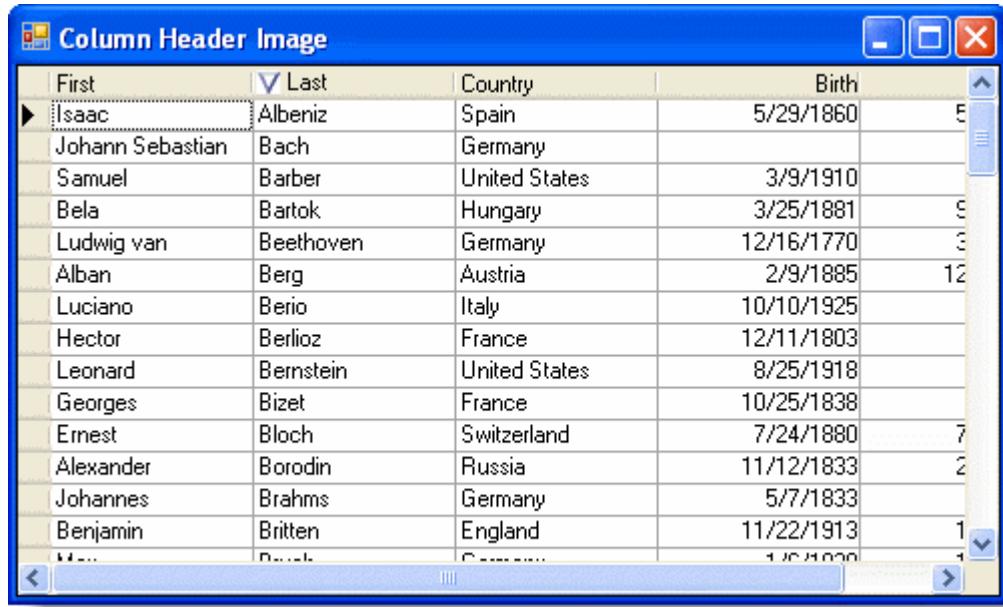
[To write code in C#](#)

C#	Copy Code
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].HeadingStyle.ForegroundImage = bmp; this.c1TrueDBGrid1.Splits[0].DisplayColumns[1].HeadingStyle.ForeGroundPicturePosition</pre>	

```
= C1.Win.C1TrueDBGrid.ForeGroundPicturePositionEnum.LeftOfText;
```

## What You've Accomplished

In this example, the image appears to the left of the text in the header of the *Last* column:



The screenshot shows a Windows application window titled "Column Header Image". Inside is a C1TrueDBGrid control displaying a list of classical composers. The columns are labeled "First", "Last", "Country", "Birth", and "E". The "Last" column header contains an image of a person's face. The data rows include Isaac Albeniz, Johann Sebastian Bach, Samuel Barber, Bela Bartok, Ludwig van Beethoven, Alban Berg, Luciano Berio, Hector Berlioz, Leonard Bernstein, Georges Bizet, Ernest Bloch, Alexander Borodin, Johannes Brahms, Benjamin Britten, and others.

First	Last	Country	Birth	E
Isaac	Albeniz	Spain	5/29/1860	E
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	S
Bela	Bartok	Hungary	3/25/1881	B
Ludwig van	Beethoven	Germany	12/16/1770	B
Alban	Berg	Austria	2/9/1885	A
Luciano	Berio	Italy	10/10/1925	L
Hector	Berlioz	France	12/11/1803	H
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	G
Ernest	Bloch	Switzerland	7/24/1880	E
Alexander	Borodin	Russia	11/12/1833	A
Johannes	Brahms	Germany	5/7/1833	J
Benjamin	Britten	England	11/22/1913	B
M...	Dvorak	Czech Republic	1/6/1841	D

### Setting Multiple Height Values for Rows

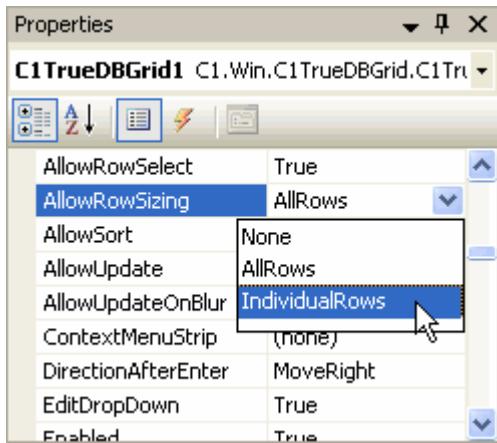
To set multiple height values for rows, set the [AllowRowSizing](#) property to [IndividualRows](#) then assign height values to rows.

Complete the following steps:

1. Set the [AllowRowSizing](#) property to [IndividualRows](#).

#### In the Designer

Locate the [AllowRowSizing](#) property in the Properties window and set it to [IndividualRows](#).



### In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.AllowRowSizing =  
C1.Win.C1TrueDBGrid.RowSizingEnum.IndividualRows
```

[To write code in C#](#)

C#

[Copy Code](#)

```
this.c1TrueDBGrid1.AllowRowSizing =  
C1.Win.C1TrueDBGrid.RowSizing.IndividualRows;
```

2. Assign different row heights to the first two rows by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).Rows(0).Height = 25
```

```
Me.C1TrueDBGrid1.Splits(0).Rows(1).Height = 50
```

To write code in C#

C#

Copy Code

```
this.c1TrueDBGrid1.Splits[0].Rows[0].Height = 25;  
this.c1TrueDBGrid1.Splits[0].Rows[1].Height = 50;
```

## What You've Accomplished

The first row is set to 25 and the second row is set to 50:

Multiple Row Heights				
First	Last	Country	Birth	
Isaac	Albeniz	Spain	5/29/1860	E
Johann Sebastian	Bach	Germany		S
Samuel	Barber	United States	3/9/1910	S
Bela	Bartok	Hungary	3/25/1881	S
Ludwig van	Beethoven	Germany	12/16/1770	S
Alban	Berg	Austria	2/9/1885	12
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	
Ernest	Bloch	Switzerland	7/24/1880	7
Aleksander	Borodin	Russia	11/12/1833	5

## Setting the Background Color of a Row

To set the background color of a row, set the [FetchRowStyles](#) property to fire the [Fetch.RowStyle](#) event.

Complete the following steps:

1. Set the [FetchRowStyles](#) property to **True**.

### In the Designer

Locate the [FetchRowStyles](#) property in the Properties window and set it to **True**.

## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.FetchRowStyles = True</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.FetchRowStyles = true;</pre>	

2. Specify the background color of the desired rows using the [FetchRowStyle](#) event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub C1TrueDBGrid1_FetchRowStyle(ByVal sender As Object, ByVal e As C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs) Handles C1TrueDBGrid1.FetchRowStyle     Dim S As String = C1TrueDBGrid1.Columns("Country").CellText(e.Row).ToString     If S &lt;&gt; "Germany" Then         eCellStyle.BackColor = System.Drawing.Color.LemonChiffon     End If End Sub</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>private void c1TrueDBGrid1_FetchRowStyle(object sender, C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs e)</pre>	

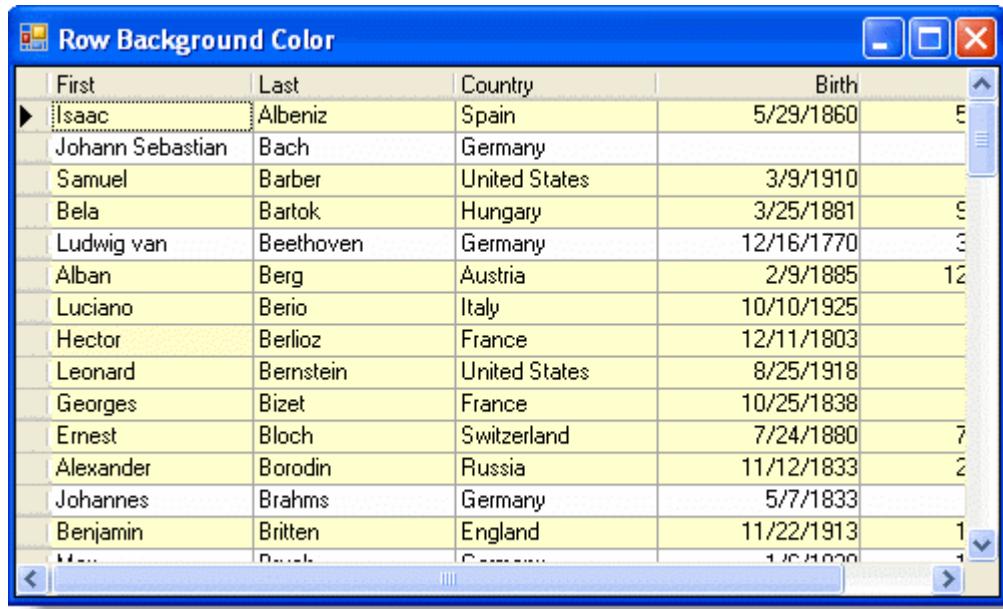
```

{
    string S = c1TrueDBGrid1.Columns("Country").CellText(e.Row).ToString;
    if (S != "Germany")
    {
        eCellStyle.BackColor = System.Drawing.Color.LemonChiffon;
    }
}

```

## What You've Accomplished

In this example, each row that does not contain the word "Germany" in the *Country* column has a background color of lemon chiffon:



The screenshot shows a Windows application window titled "Row Background Color". It contains a C1TrueDBGrid control displaying a list of musicians. The columns are labeled "First", "Last", "Country", and "Birth". The rows are colored differently based on the value in the "Country" column. Rows for musicians from Spain, United States, Hungary, Austria, Italy, France, United States, France, Switzerland, Russia, Germany, and England have a yellow background. Rows for musicians from Germany and France have a white background. The grid has scroll bars and a header bar.

First	Last	Country	Birth
Isaac	Albeniz	Spain	5/29/1860
Johann Sebastian	Bach	Germany	
Samuel	Barber	United States	3/9/1910
Bela	Bartok	Hungary	3/25/1881
Ludwig van	Beethoven	Germany	12/16/1770
Alban	Berg	Austria	2/9/1885
Luciano	Berio	Italy	10/10/1925
Hector	Berlioz	France	12/11/1803
Leonard	Bernstein	United States	8/25/1918
Georges	Bizet	France	10/25/1838
Ernest	Bloch	Switzerland	7/24/1880
Alexander	Borodin	Russia	11/12/1833
Johannes	Brahms	Germany	5/7/1833
Benjamin	Britten	England	11/22/1913
...	...	...	...

### Setting the Column's Caption Height

To set the column's caption height, set the [ColumnCaptionHeight](#) property. This can be set either in the designer or in code.

## In the Designer

To set the column's caption height in the Designer, complete the following steps:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. Click the **Split** tab in the left pane.
3. Locate the [ColumnCaptionHeight](#) property and set it to **34**.
4. Click the **Column** tab.

5. Locate the [Caption](#) property and change it from **First** to "Composer's First Name".
6. Click **OK** to close the **C1TrueDBGrid Designer**.

## In Code

To set the column's caption height in code, complete the following steps:

1. Set the [ColumnCaptionHeight](#) property to fit two rows by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Splits(0).ColumnCaptionHeight =
Me.C1TrueDBGrid1.Splits(0).ColumnCaptionHeight * 2
```

[To write code in C#](#)

C#

[Copy Code](#)

```
this.c1TrueDBGrid1.Splits[0].ColumnCaptionHeight =
this.c1TrueDBGrid1.Splits[0].ColumnCaptionHeight * 2;
```

2. Set the [Caption](#) property:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Columns(0).Caption = "Composer's First Name"
```

[To write code in C#](#)

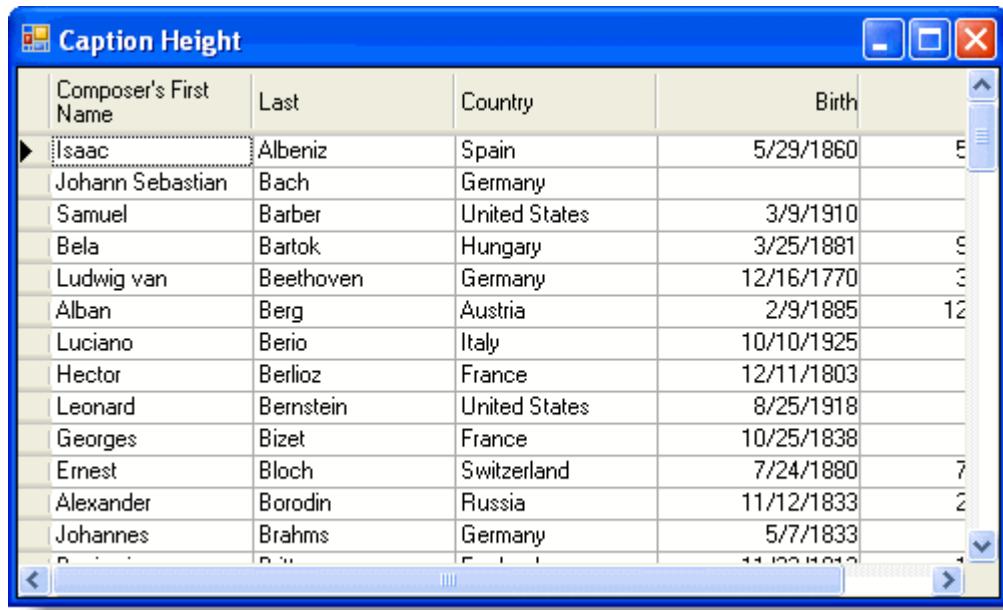
C#

[Copy Code](#)

```
this.c1TrueDBGrid1.Columns[0].Caption = "Composer's First Name";
```

## What You've Accomplished

The caption in the column containing first names is set to *Composer's First Name* and spans two rows:



The screenshot shows a Windows-style dialog box titled "Caption Height". Inside the dialog, there is a table with five columns: "Composer's First Name", "Last", "Country", "Birth", and a fifth column which appears to be a timestamp or date. The first row of the table has a double-headed arrow icon to its left, indicating it is the selected row. The "Composer's First Name" column contains the value "Isaac". The "Last" column contains "Albeniz". The "Country" column contains "Spain". The "Birth" column contains "5/29/1860". The fifth column contains "11:12:48:012". The dialog has standard window controls (minimize, maximize, close) at the top right.

Composer's First Name	Last	Country	Birth	
Isaac	Albeniz	Spain	5/29/1860	11:12:48:012
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	
Ludwig van	Beethoven	Germany	12/16/1770	
Alban	Berg	Austria	2/9/1885	12
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	
Ernest	Bloch	Switzerland	7/24/1880	7
Alexander	Borodin	Russia	11/12/1833	2
Johannes	Brahms	Germany	5/7/1833	

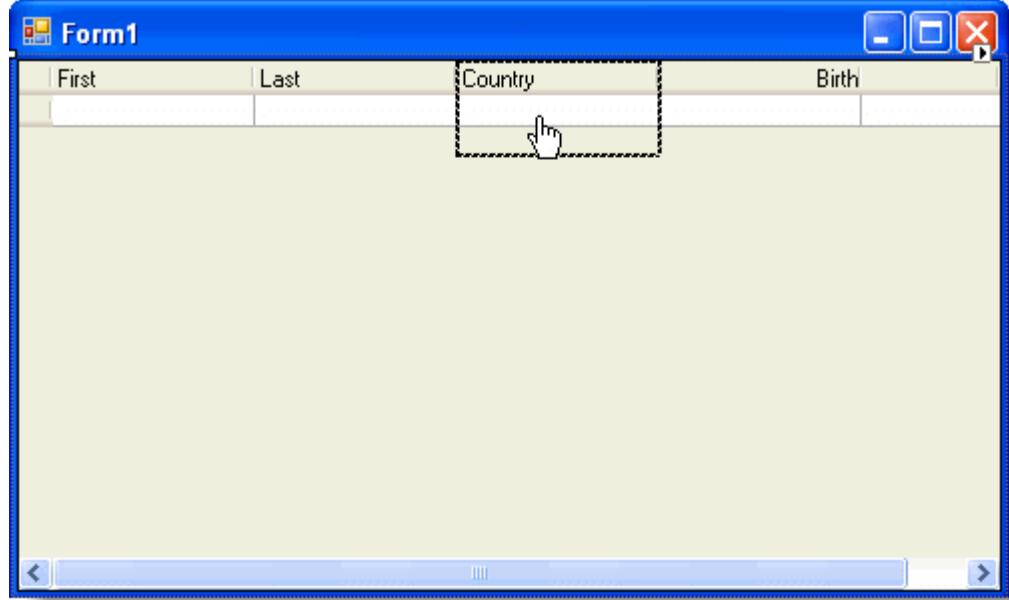
### Setting the Font Style of a Column

The font style of a column can be set either in the designer or in code.

## In the Tasks Menu

To set the font style using the **C1TrueDBGrid Tasks** menu, complete the following steps:

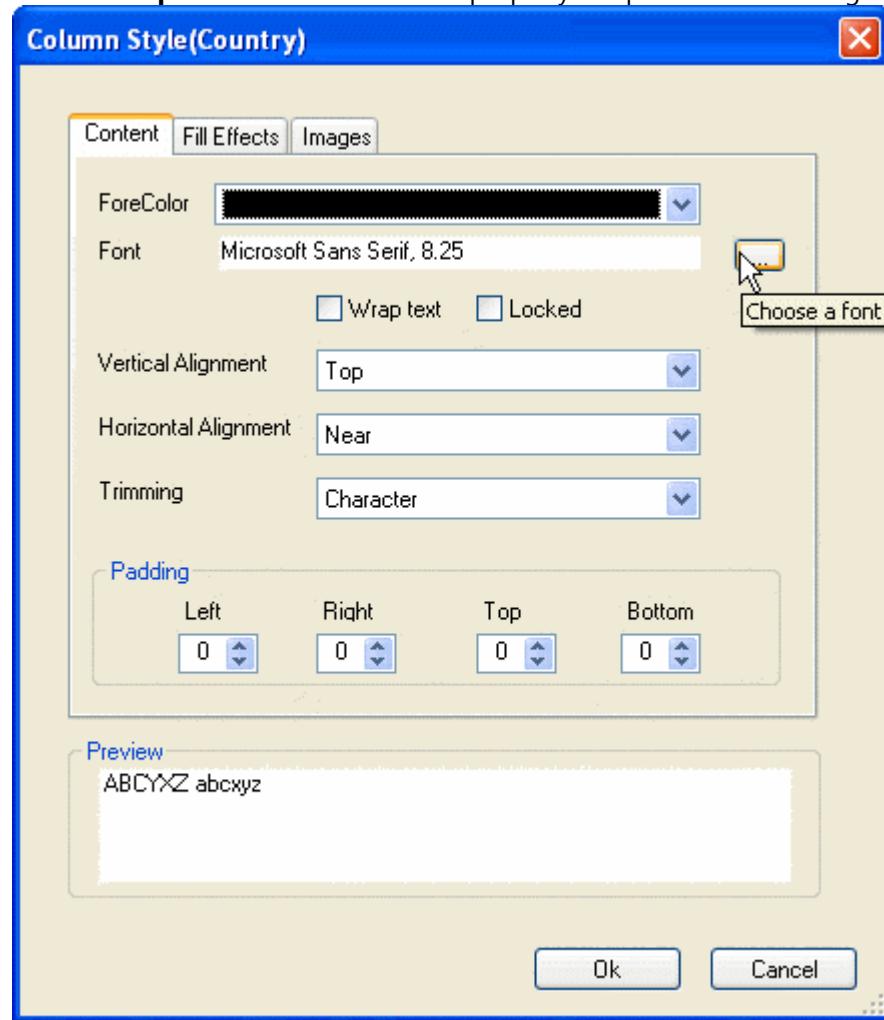
1. Select the **Country** column in the grid and click it to open the **C1TrueDBGrid Tasks** menu.



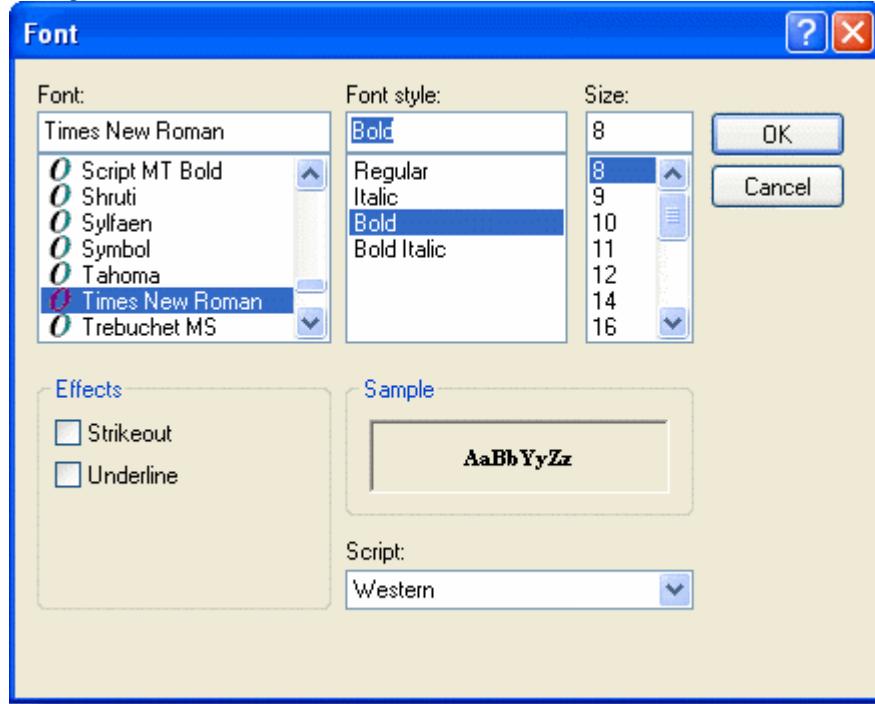
2. Select **Column Style** from the menu.



3. Click the **ellipsis** button after the **Font** property to open the **Font** dialog box.



- Set the **Font** to **Times New Roman**, the **Font style** to **Bold**, and click **OK** to close the **Font** dialog box.



- Click **OK** to close the **Column Style(Country)** dialog box.

## In the Designer

Alternatively, the font style can also be set through the **C1TrueDBGrid Designer**. To set the font style using the designer:

- Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
- Select the *Country* column by selecting its column header from the right pane. The column can also be selected by choosing *Country* from the drop-down list on the toolbar.
- Set the font to **Times New Roman** and click **Bold** on the toolbar.  

- Click **OK** to close the designer.

## In Code

To set the font style using code, complete the following steps:

- Declare a new font variable:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Dim fntFont As Font	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
Font fntFont;	

2. Set the desired column's font to the new font variable:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
fntFont = New Font("Times New Roman", Me.C1TrueDBGrid1.Splits(0).DisplayColumns.Item("Country").Style.Font.Size, FontStyle.Bold) Me.C1TrueDBGrid1.Splits(0).DisplayColumns.Item("Country").Style.Font = fntFont	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
fntFont = new Font("Times New Roman", this.c1TrueDBGrid1.Splits[0].DisplayColumns["Country"].Style.Font.Size, FontStyle.Bold); this.c1TrueDBGrid1.Splits[0].DisplayColumns["Country"].Style.Font = fntFont;	

## What You've Accomplished

In this example, the rows of the *Country* column are now Times New Roman font and bold:

The screenshot shows a Windows-style dialog box titled "Column Font Style". Inside, there is a table with columns labeled "First", "Last", "Country", "Birth", and "Index". The data consists of 18 rows of composer information. The "Last" column is currently selected, indicated by a blue border around its cells. The "Country" column contains several bolded country names like Spain, Germany, United States, Hungary, Austria, Italy, France, Switzerland, Russia, and England. The "Birth" column contains dates such as 5/29/1860, 3/9/1910, 3/25/1881, etc. The "Index" column contains numerical values from 1 to 18. The dialog box has standard window controls (minimize, maximize, close) at the top right.

First	Last	Country	Birth	Index
Isaac	Albeniz	Spain	5/29/1860	1
Johann Sebastian	Bach	Germany		2
Samuel	Barber	United States	3/9/1910	3
Bela	Bartok	Hungary	3/25/1881	4
Ludwig van	Beethoven	Germany	12/16/1770	5
Alban	Berg	Austria	2/9/1885	6
Luciano	Berio	Italy	10/10/1925	7
Hector	Berlioz	France	12/11/1803	8
Leonard	Bernstein	United States	8/25/1918	9
Georges	Bizet	France	10/25/1838	10
Ernest	Bloch	Switzerland	7/24/1880	11
Alexander	Borodin	Russia	11/12/1833	12
Johannes	Brahms	Germany	5/7/1833	13
Benjamin	Britten	England	11/22/1913	14
M...	Bruhns	Germany	1/6/1820	15

For more information on specifying cell styles, see [Applying Styles to Cells](#).

### Aligning the Column Headers

You may choose to align the column headers with or without aligning the column text. In the following example, the caption for the *Last* column has been centered:

[To write code in Visual Basic](#)

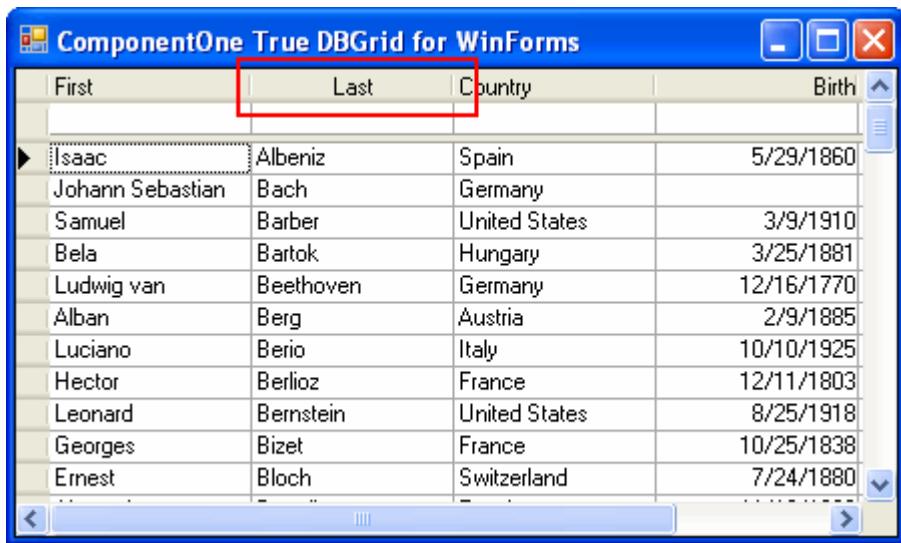
Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns("Last").HeadingStyle.HorizontalAlignment = AlignHorzEnum.Center</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns["Last"].HeadingStyle.HorizontalAlignment = AlignHorzEnum.Center;</pre>	

## What You've Accomplished

The *First* column is has been center-aligned:



To align all column headers in the grid, loop through each column.

## Moving the Focus in Code

At run time the grid cell's focus is usually determined by the user's mouse and keyboard interaction with the grid. However, if you choose to, you can set the column and row of the grid that has focus using the `Col` and `Row` properties of the grid.

In this topic you'll add two **NumericUpDown** controls to the form. When the value in those boxes changes, the column and row focus of the grid will change.

Complete the following steps:

1. Navigate to the Visual Studio Toolbox and add two **Label** controls and two **NumericUpDown** controls to the form.
2. Arrange **Label1** next to **NumericUpDown1** and **Label2** next to **NumericUpDown2** and set the following properties for the controls:
  - o Set **Label1.Text** to "Column:".
  - o Set **Label2.Text** to "Row:".
3. Double-click **NumericUpDown1** to create the **ValueChanged** event handler and switch to code view.
4. Add the following code to the **NumericUpDown1\_ValueChanged** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Col = Me.NumericUpDown1.Value
```

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Col = this.numericUpDown1.Value;</pre>	

5. Return to Design view and double-click **NumericUpDown2** to create the **ValueChanged** event handler and switch to code view.
6. Add the following code to the **NumericUpDown2\_ValueChanged** event:

To write code in Visual Basic

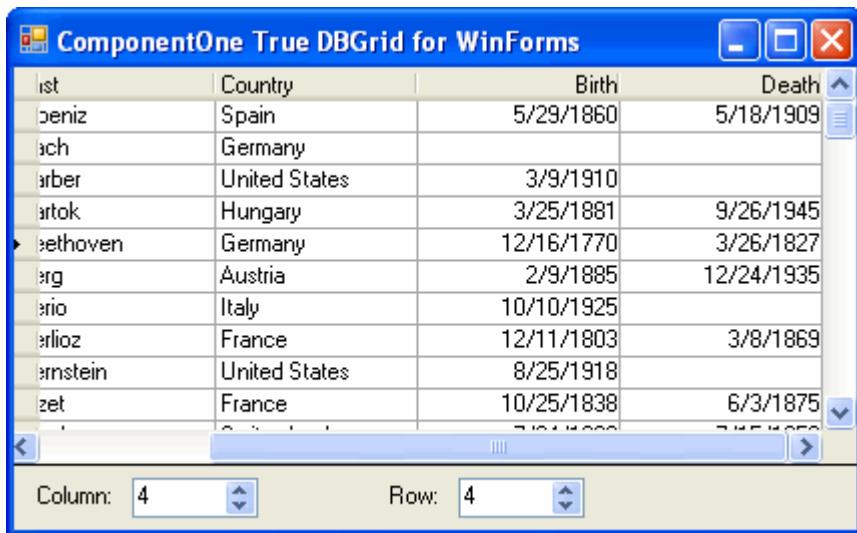
Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Row = Me.NumericUpDown2.Value</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Row = this.numericUpDown2.Value;</pre>	

## What You've Accomplished

Change the value in the **NumericUpDown** boxes. Note that the focus of the grid changes and the grid scrolls to bring the column and row in focus into view:



## Adding Custom Error Checking to C1TrueDBGrid

C1TrueDBGrid displays a message for any errors that occur when building a project. You must switch off the internal error handling.

Complete the following steps:

1. To do this, set the **Handled** property to **True** in the **Error** event of the grid. It will switch off the grid's built-in error checking:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Private Sub C1TrueDBGrid1_Error(ByVal sender As Object, ByVal e As
C1.Win.C1TrueDBGrid.ErrorEventArgs) Handles C1TrueDBGrid1.Error
    e.Handled = True
End Sub
```

[To write code in C#](#)

C#

[Copy Code](#)

```
private void c1TrueDBGrid1_Error(object sender,
C1.Win.C1TrueDBGrid.ErrorEventArgs e)
```

```
{  
    e.Handled = true;  
}
```

2. You can then add your own error-handling code. For example:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Private Sub C1TrueDBGrid1_Error(ByVal sender As Object, ByVal e As  
C1.Win.C1TrueDBGrid.ErrorEventArgs) Handles C1TrueDBGrid1.Error  
    If C1TrueDBGrid1.Columns(C1TrueDBGrid1.Col).DataField = "CategoryID" Then  
        e.Handled = True  
        MessageBox.Show("Your User Friendly Message")  
    Else  
        e.Handled = False  
        MessageBox.Show("Enter a string")  
    End If  
End Sub
```

[To write code in C#](#)

C#

[Copy Code](#)

```
private void c1TrueDBGrid1_Error(object sender,  
C1.Win.C1TrueDBGrid.ErrorEventArgs e)  
{  
    if (c1TrueDBGrid1.Columns[c1TrueDBGrid1.Col].DataField ==  
"CategoryID")  
    {  
        e.Handled = true;  
        MessageBox.Show("Your User Friendly Message");  
    }  
    else  
    {  
        e.Handled = false;
```

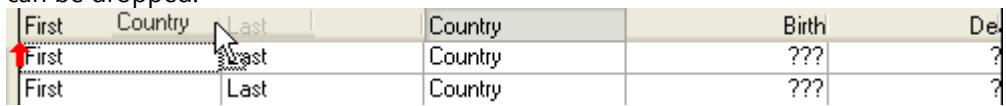
```
    MessageBox.Show("Enter a string");
}
}
```

## Changing the Column Order in the Grid

To change the column order in the grid, use the **C1TrueDBGrid Designer** or set [RemoveAt](#) and [Insert](#) methods in code.

## In the Designer

To change the grid column order in the Designer, complete the following steps:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. In the designer, select the *Country* column from the right pane.
3. Click and drag the *Country* column to the left. A red arrow will appear where the column can be dropped.  
A screenshot of the C1TrueDBGrid Designer interface. A column header labeled 'Country' is being held by the mouse cursor and is positioned to the left of the 'First' column header. A red arrow-shaped cursor is pointing towards the left edge of the grid, indicating the drop location.
4. Drop the *Country* column before the *First* column.
5. Click **OK** to close the designer.

## In Code

To change the grid column order in code, complete the following steps:

1. Declare the variable for the *Country* column by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Dim dispColumn As C1.Win.C1TrueDBGrid.C1DisplayColumn  
dispColumn = Me.C1TrueDBGrid1.Splits(0).DisplayColumns(2)
```

[To write code in C#](#)

C#

[Copy Code](#)

```
C1.Win.C1TrueDBGrid.C1DisplayColumn dispColumn;  
dispColumn = this.c1TrueDBGrid.Splits[0].DisplayColumns[2];
```

2. Move the *Country* column before the *First* column:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns.RemoveAt(2) Me.C1TrueDBGrid1.Splits(0).DisplayColumns.Insert(0, dispColumn)</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns.RemoveAt(2); this.c1TrueDBGrid1.Splits[0].DisplayColumns.Insert(0, dispColumn);</pre>	

## What You've Accomplished

The *Country* column appears in the grid before the *First* column:

The screenshot shows a Windows-style dialog box titled "Change Column Order". Inside, there is a grid table with the following data:

Country	First	Last	Birth	
Spain	Isaac	Albeniz	5/29/1860	E
Germany	Johann Sebastian	Bach		
United States	Samuel	Barber	3/9/1910	S
Hungary	Bela	Bartok	3/25/1881	B
Germany	Ludwig van	Beethoven	12/16/1770	G
Austria	Alban	Berg	2/9/1885	A
Italy	Luciano	Berio	10/10/1925	I
France	Hector	Berlioz	12/11/1803	F
United States	Leonard	Bernstein	8/25/1918	U
France	Georges	Bizet	10/25/1838	Fr
Switzerland	Ernest	Bloch	7/24/1880	Sw
Russia	Alexander	Borodin	11/12/1833	R
Germany	Johannes	Brahms	5/7/1833	Ge
England	Benjamin	Britten	11/22/1913	En
Croatia	Mijo	Bunko	1/2/1929	C

## Resizing Columns During Grid Resizing

To expand or shrink columns during grid resizing, set the **SpringMode** property to **True** and the **MinWidth** property for each column. This can be done either in the designer or in code.

## In the Designer

To expand or shrink columns during grid resizing in the designer, complete the following steps:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. Click the **Split** tab in the left pane.
3. Locate the **SpringMode** property and set it to **True**. Alternatively, the **SpringMode** property can also be in the Properties window.
4. Select the *First* column in the right pane by clicking on it. The column can also be selected by choosing *First* from the drop-down list in the toolbar.
5. Click the **Display Column** tab in the left pane.
6. Locate the **MinWidth** property and set it to **50**.
7. Click **OK** to close the designer.

## In Code

To expand or shrink columns during grid resizing in code, complete the following steps:

1. Set the **SpringMode** property to **True** by adding the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.SpringMode = True</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.SpringMode = true;</pre>	

2. Set the [MinWidth](#) property to **50** for the *First* column:

To write code in Visual Basic

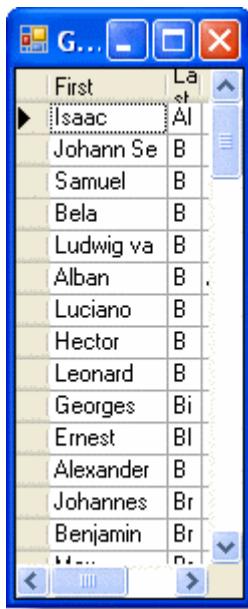
Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.Splits(0).DisplayColumns("First").MinWidth = 50</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.Splits[0].DisplayColumns["First"].MinWidth = 50;</pre>	

## What You've Accomplished

When the grid is resized horizontally, the columns will expand or shrink proportionally, except for the *First* column which will only shrink to 50:



## Exporting Grid Data

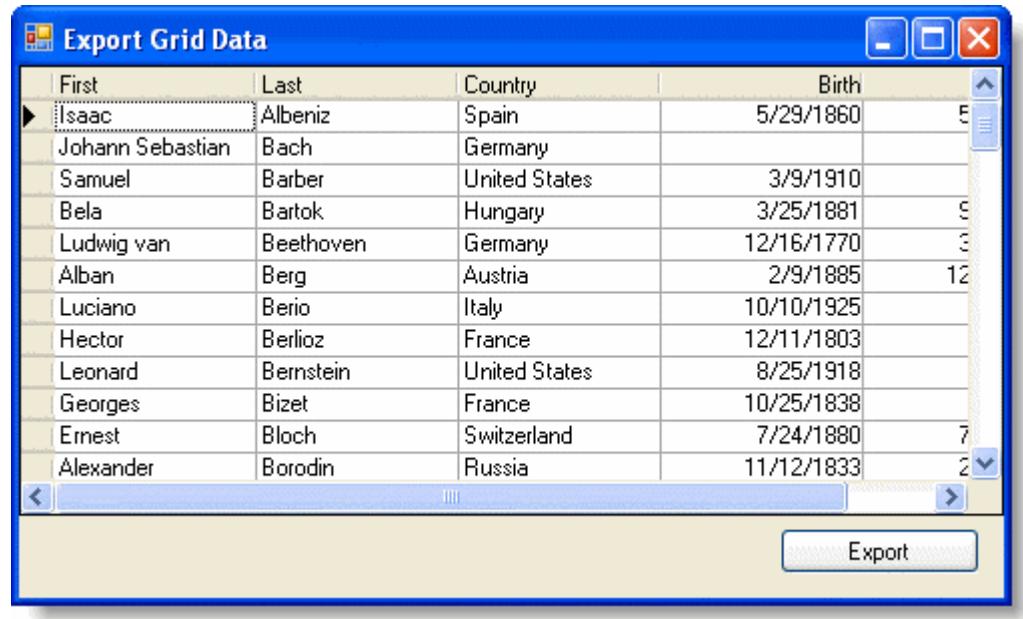
Grid data can be exported as a delimited text, Excel, HTML, PDF, or RTF file. The following table describes the methods used to export each file type:

File Type	Method	Description
All	<a href="#">ExportTo</a>	Opens a dialog box in which the user can select the export format.
Delimited Text	<a href="#">ExportToDelimitedFile</a>	Exports the specified rows from the grid to the specified file as delimited text.
Excel	<a href="#">ExportToExcel</a>	Exports the grid to an Excel file.
HTML	<a href="#">ExportToHTML</a>	Exports the grid to an HTML file.
PDF	<a href="#">ExportToPDF</a>	Exports the grid to a PDF file.
RTF	<a href="#">ExportToRTF</a>	Exports the grid to an RTF file.

 **Note:** C1TrueDBGrid's export feature uses **Reports for WinForms**' components internally, and

you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

To set one the following export methods, add the appropriate code to the **Click** event of the **Export** button:



## See Also

[Exporting To All Available File Types](#)

[Exporting to Delimited Text](#)

[Exporting to Excel](#)

[Exporting to HTML](#)

[Exporting to PDF](#)

[Exporting to RTF](#)

### Exporting To All Available File Types

To set the `ExportTo` method, add the following code to the **Click** event of the **Export** button:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Me.C1TrueDBGrid1.ExportTo()
```

To write code in C#

C#

Copy Code

```
this.c1TrueDBGrid1.ExportTo();
```

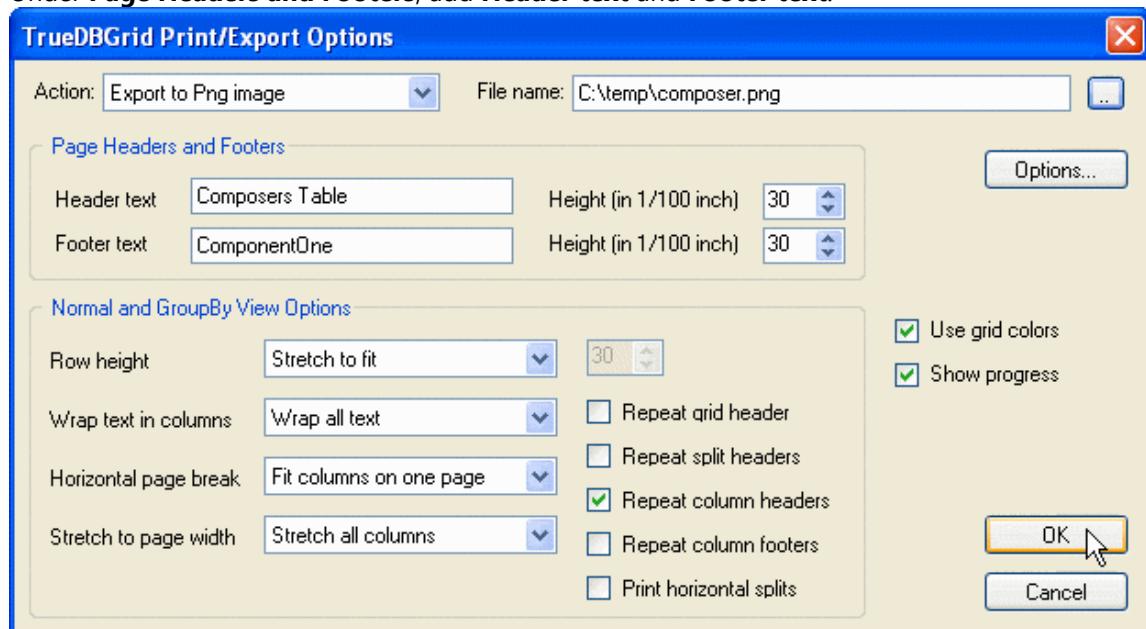


**Note:** **C1TrueDBGrid**'s export feature uses **Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

## This topic illustrates the following:

Clicking the **Export** button opens the **TrueDBGrid Print/Export Options** dialog box.

1. In the **Action** drop-down list, select the file type, including metafiles and image files.
2. Click the **ellipsis** button next to the **File name** box to open the **Export To** dialog box. Browse to a location to save the file and enter the file name in the **File name** box. Click **OK** to close the **Export To** dialog box.
3. Under **Page Headers and Footers**, add **Header text** and **Footer text**.



4. Click **OK** to export the file.

The final output will look similar to the following image:

Composers Table

First	Last	Country	Birth	Death
Isaac	Albeniz	Spain	5/29/1860	5/18/1909
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van	Beethoven	Germany	12/16/1770	3/26/1827
Alban	Berg	Austria	2/9/1885	12/24/1935
Luciano	Berio	Italy	10/10/1925	

## Exporting to Delimited Text

To set the `ExportToDelimitedFile` method, add the following code to the **Click** event of the **Export** button:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.ExportToDelimitedFile("c:\temp\composers.csv", C1.Win.C1TrueDBGrid.RowSelectorEnum.AllRows, ",")</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.c1TrueDBGrid1.ExportToDelimitedFile(@"c:\temp\composers.csv", C1.Win.C1TrueDBGrid.RowSelectorEnum.AllRows, ",");</pre>	



**Note:** `C1TrueDBGrid`'s export feature uses **Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (`C1.Win.C1Report` and `C1.C1Report`) if you are receiving an error related to the assembly.

## What You've Accomplished

Clicking the **Export** button creates a delimited text file in the temp directory specified in the code above. Each value in the file is separated by a comma:

The screenshot shows a Windows Notepad window titled "composers.csv - Notepad". The file contains a list of 44 composers, each on a new line. The data is separated by commas. The columns represent the composer's name, country, birth date, and death date.

Composer	Country	Birth Date	Death Date
Isaac Albeniz	Spain	5/29/1860	5/18/1909
Johann Sebastian Bach	Germany		
Samuel Barber	United States	3/9/1910	
Bela Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van Beethoven	Germany	12/16/1770	3/26/1827
Alban Berg	Austria	2/9/1885	12/24/1935
Luciano Berio	Italy	10/10/1925	
Hector Berlioz	France	12/11/1803	3/8/1869
Leonard Bernstein	United States	8/25/1918	
Georges Bizet	France	10/25/1838	6/3/1875
Ernest Bloch	Switzerland	7/24/1880	7/15/1959
Alexander Borodin	Russia	11/12/1833	2/27/1887
Johannes Brahms	Germany	5/7/1833	4/3/1897
Benjamin Britten	England	11/22/1913	12/4/1976
Max Bruch	Germany	1/6/1838	10/2/1920
Anton Bruckner	Austria	9/4/1824	10/11/1896
Emmanuel Chabrier	France	1/18/1841	9/13/1894
Ernest Chausson	France	1/20/1855	6/10/1899
Frederic Chopin	Poland	3/1/1810	10/17/1849
Aaron Copland	United States	11/14/1900	
Claude Debussy	France	8/22/1862	3/5/1918
Gaetano Donizetti	Italy	11/29/1797	4/8/1848
Antonin Dvorak	Czechoslovakia	9/8/1841	5/1/1904
Edward Elgar	England	6/2/1857	2/23/1934
Manuel de Falla	Spain	11/23/1876	11/14/1946
Gabriel Faure	France	5/12/1845	11/4/1924
Cesar Franck	France	12/10/1822	11/8/1890
George Gershwin	United States	9/26/1898	7/11/1937
Alexander Glazunov	Russia	7/29/1865	3/21/1936

## Exporting to Excel

To set the `ExportToExcel` method, add the following code to the **Click** event of the **Export** button:

### To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.ExportToExcel("c:\temp\composers.xls")</pre>	

### To write code in C#

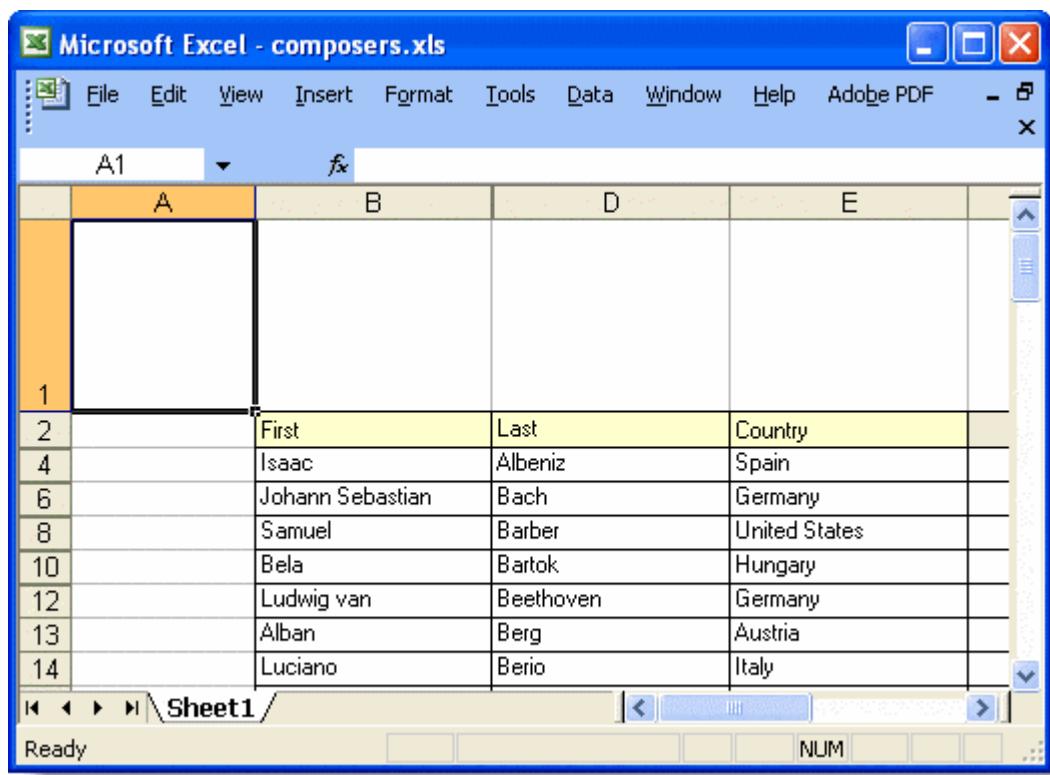
C#	Copy Code
<pre>this.c1TrueDBGrid1.ExportToExcel(@"c:\temp\composers.xls");</pre>	



**Note:** C1TrueDBGrid's export feature uses **Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

## What You've Accomplished

Clicking the **Export** button creates an Excel file in the temp directory indicated in the code above:



### Exporting to HTML

To set the **ExportToHTML** method, add the following code to the **Click** event of the **Export** button:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.ExportToHTML("c:\temp\composers.html")</pre>	

To write code in C#

C#

Copy Code

```
this.c1TrueDBGrid1.ExportToHTML(@"c:\temp\composers.html");
```



**Note:** **C1TrueDBGrid**'s export feature uses **Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

## What You've Accomplished

Clicking the **Export** button creates an HTML file in the temp directory indicated in the code above:

The screenshot shows a Microsoft Internet Explorer window titled "C1Document - Microsoft Internet Explorer". The address bar displays "C:\temp\composers.html". The page content is a table with the following data:

First	Last	Country	Birth	Death
Isaac	Albeniz	Spain	5/29/1860	5/18/1909
Johann Sebastian	Bach	Germany		
Samuel	Barber	United States	3/9/1910	
Bela	Bartok	Hungary	3/25/1881	9/26/1945
Ludwig van	Beethoven	Germany	12/16/1770	3/26/1827
Alban	Berg	Austria	2/9/1885	12/24/1935
Luciano	Berio	Italy	10/10/1925	
Hector	Berlioz	France	12/11/1803	3/8/1869
Leonard	Bernstein	United States	8/25/1918	
Georges	Bizet	France	10/25/1838	6/3/1875
Ernest	Bloch	Switzerland	7/24/1880	7/15/1959
Alexander	Borodin	Russia	11/12/1833	2/27/1887
Johannes	Brahms	Germany	5/7/1833	4/3/1897
Benjamin	Britten	England	11/22/1913	12/4/1976
Max	Bruch	Germany	1/6/1838	10/2/1920

### Exporting to PDF

To set the **ExportToPDF** method, add the following code to the **Click** event of the **Export** button:

To write code in Visual Basic

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.ExportToPDF("c:\temp\composers.pdf")
```

[To write code in C#](#)

C#

[Copy Code](#)

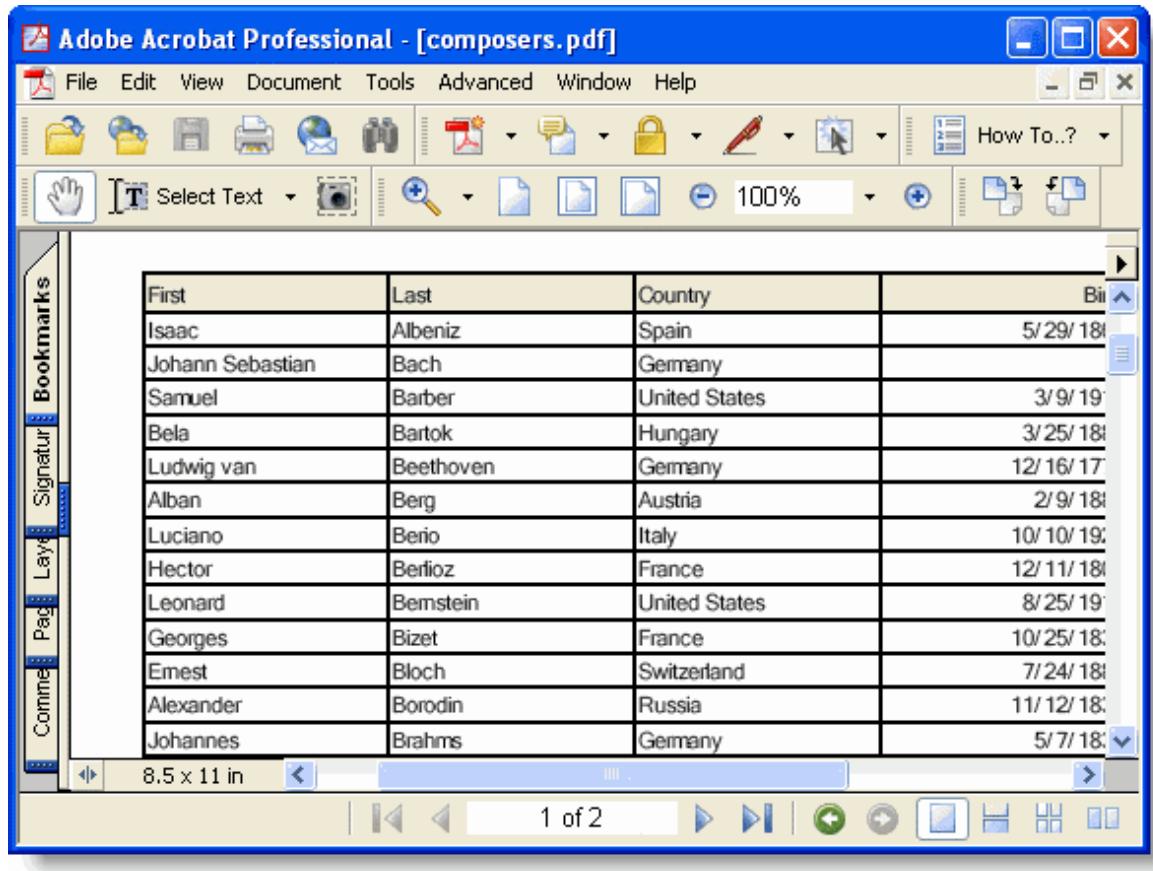
```
this.c1TrueDBGrid1.ExportToPDF(@"c:\temp\composers.pdf");
```



**Note:** **C1TrueDBGrid**'s export feature uses **Reports for WinForms**' components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

## What You've Accomplished

Clicking the **Export** button creates a PDF file in the temp directory:



## Exporting to RTF

To set the **ExportToRTF** method, add the following code to the **Click** event of the **Export** button:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.ExportToRTF("c:\temp\composers.rtf")</pre>	

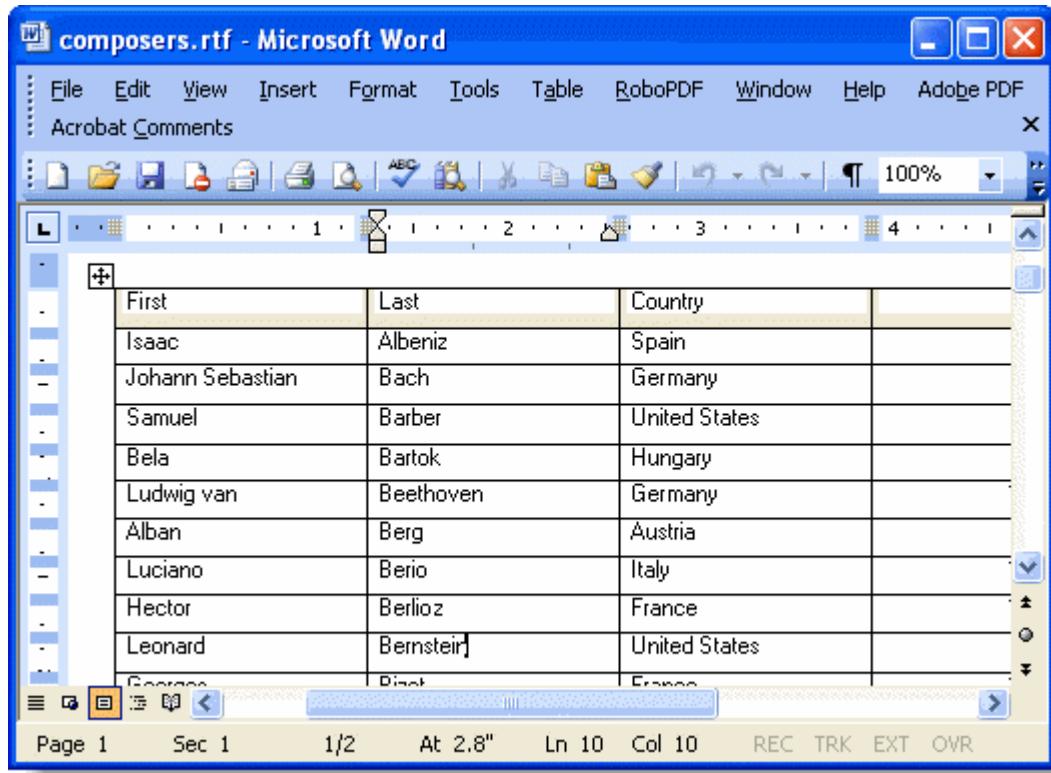
To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.ExportToRTF(@"c:\temp\composers.rtf");</pre>	
	<b>Note:</b> C1TrueDBGrid's export feature uses Reports for WinForms'

components internally, and you may need to reference **Reports for WinForms**' assemblies (C1.Win.C1Report and C1.C1Report) if you are receiving an error related to the assembly.

## What You've Accomplished

Clicking the **Export** button creates a RTF file in the temp directory indicated in the code above:



### Getting the DataRow for a Row Index After Sorting or Filtering

When sorting or filtering is applied to the grid, it uses the underlying **DataView** of the **DataSource** and **DataMember**. To get the **DataRow** for a row index after the sort or filter, access the same underlying list as accessed by the grid with the following code:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>If Me.C1TrueDBGrid1.FocusedSplit.Rows(Me.C1TrueDBGrid1.Row).RowType = C1.Win.C1TrueDBGrid.RowStyleEnum.DataRow Then</pre>	

```
Dim dr As System.Data.DataRowView =
 CType(Me.C1TrueDBGrid1(Me.C1TrueDBGrid1.RowBookmark(Me.C1TrueDBGrid1.Row)),  
System.Data.DataRowView)
End If
```

To write code in C#

C#	Copy Code
----	-----------

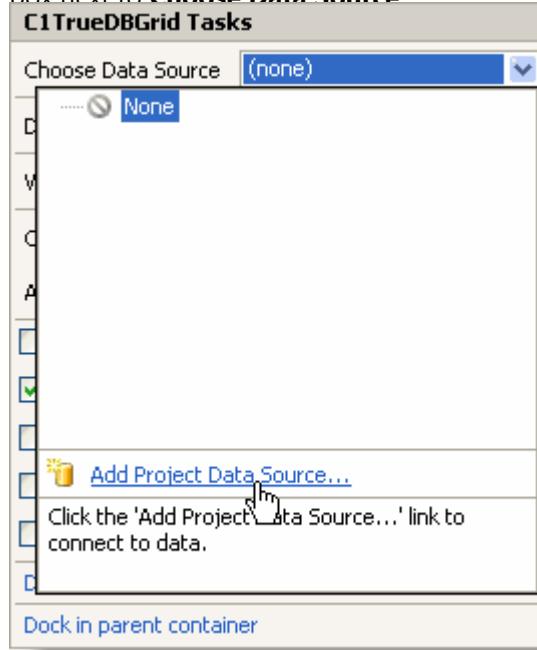
```
if (this.c1TrueDBGrid1.FocusedSplit.Rows[this.c1TrueDBGrid1.Row].RowType ==  
C1.Win.C1TrueDBGrid.RowTypeEnum.DataRow)  
{  
    System.Data.DataRowView dr =  
(System.Data.DataRowView)this.c1TrueDBGrid1[this.c1TrueDBGrid1.RowBookmark(this.  
c1TrueDBGrid1.Row)];  
}
```

## Modifying the ConnectionString

To change the location of the **C1TDBGDemo.mdb** reference, you can edit the **ConnectionString** property of the **OleDbConnection**. Note that you can see [Data Binding](#) for more information about binding the grid.

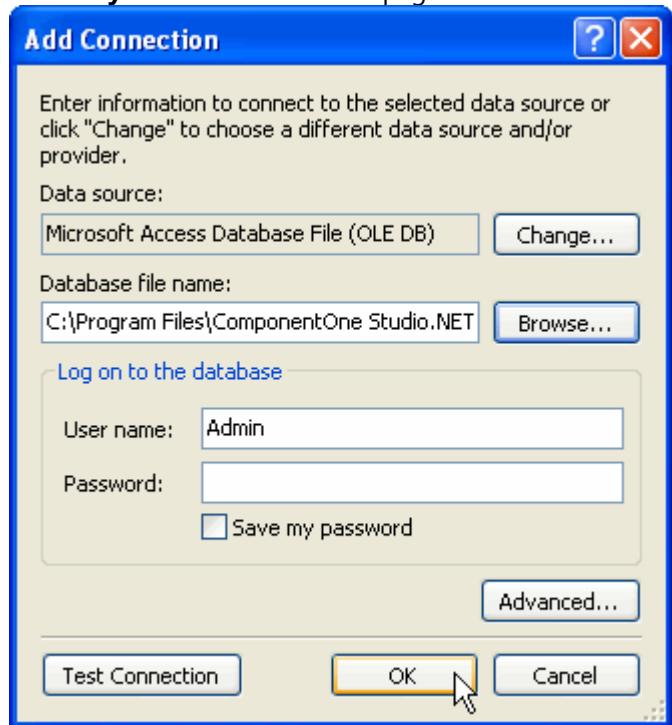
Complete the following steps:

1. In the **C1TrueDBGrid Tasks** menu, select **Add Project Data Source** from the drop-down box next to **Choose Data Source**.

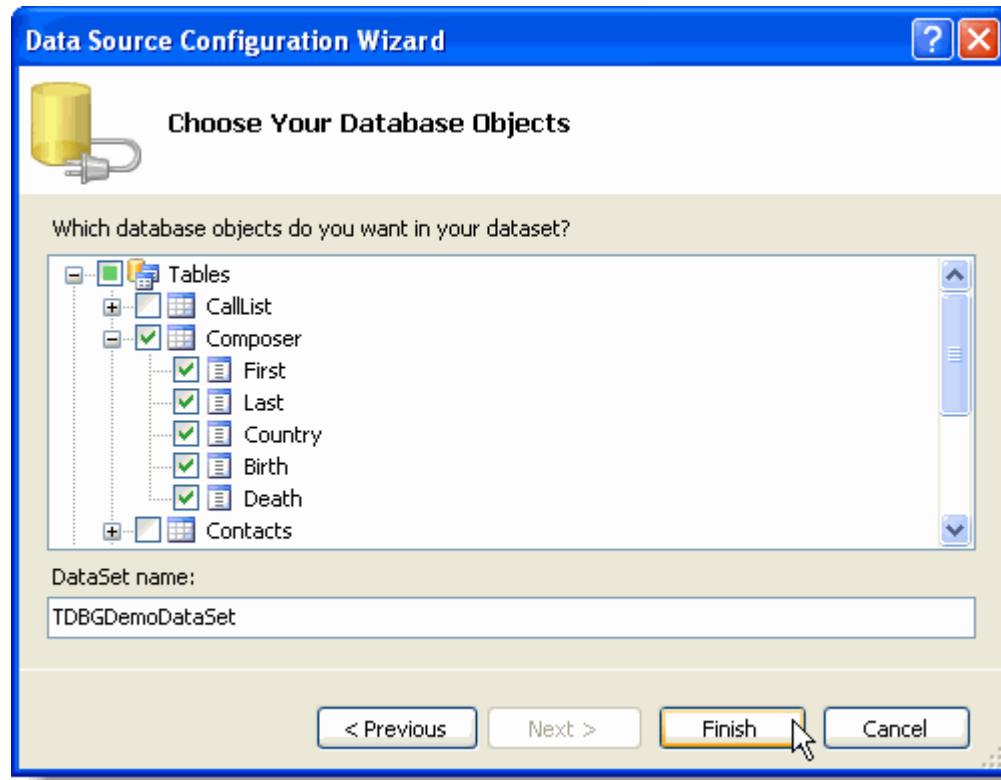


2. The **Data Source Configuration Wizard** appears. Select **Database** on the **Choose a Data Source type** page and click **Next**.
3. Click the **New Connection** button to create a new connection or choose one from the drop-down list.
4. Click the **Browse** button to specify the location of the data and enter the correct login information. Click the **Test Connection** button to make sure that you have successfully connected to the database or server and click **OK**. The new string appears in the on the

**Choose your data connection** page.



5. Click the **Next** button to continue. A dialog box will appear asking if you would like to add the data file to your project and modify the connection string. Click **No**.
6. Save the connection string in the application configuration file by checking the **Yes, save the connection as** box and entering a name. Click the **Next** button to continue.
7. On the **Choose your database object** page, select the tables and fields that you would like in your dataset. Enter a name for your **DataSet** in the **DataSet name** box and click **Finish** to exit the wizard.



A DataSet and a connection string are added to your project. Additionally, Visual Studio automatically creates the code to fill the DataSet.

## Moving to the AddNew Row

To make the AddNew row the active row when the program runs, use the [AllowAddNew](#) property, and the [MoveLast](#) and [Select](#) methods.

Complete the following steps:

1. Set the [AllowAddNew](#) property to **True** either in the Properties window or by adding the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.AllowAddNew = True</pre>	

[To write code in C#](#)

C#	Copy Code
----	-----------

```
this.c1TrueDBGrid1.AllowAddNew = true;
```

2. Move to the last record in the grid by adding following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.MoveLast()	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid.MoveLast();	

3. Move to the AddNew row by adding following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
Me.C1TrueDBGrid1.Row = Me.C1TrueDBGrid1.Row + 1	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
this.c1TrueDBGrid1.Row = this.c1TrueDBGrid1.Row + 1;	

4. Set focus to the grid by adding following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic

Copy Code

```
Me.C1TrueDBGrid1.Select()
```

To write code in C#

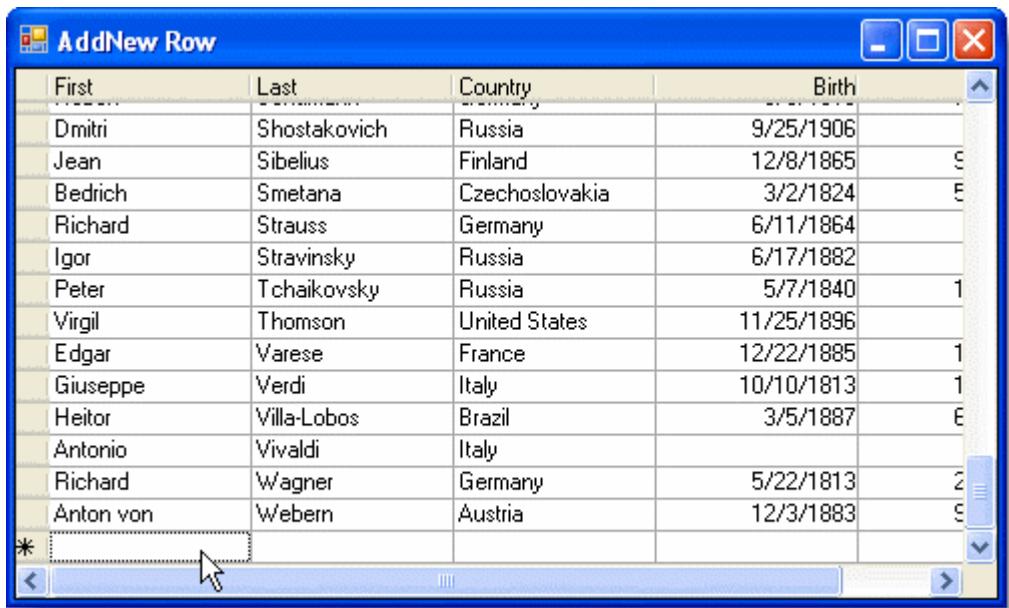
C#

Copy Code

```
this.c1TrueDBGrid1.Select();
```

## What You've Accomplished

When the program runs, the active row is the AddNew row:



### Saving the Layout of the Grid

To save the layout of the grid, use the [SaveLayout](#) method, which will save the layout in an XML file. This can be done either in the designer or in code.

## In the Designer

Complete the following steps to save the layout of the grid:

1. Open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. In the designer, click **Save Layout** on the toolbar to open the **Save As** dialog box.  

3. Browse to a location and enter a file name in the **File Name** box.
4. Click **Save** to save the layout as an XML file.
5. Click **OK** to close the designer.

## In Code

Add the following code to the **Click** event of a button to save the layout of the grid:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.SaveLayout("c:\temp\ComposerLayout.xml")</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.c1TrueDBGrid1.SaveLayout(@"c:\temp\ComposerLayout.xml");</pre>	

## What You've Accomplished

You've learned how to use the [SaveLayout](#) method to save the layout in an XML file.

### Searching for Entries in a Column

To search for entries in a column using an incremental search, add a **Timer** component to the form, then set the **KeyPress** and **Tick** events.

Complete the following steps:

1. Add a **Timer** component from the Visual Studio Toolbox to the form.  

2. Set the Timer's **Interval** property to 1 second.

### In the Designer

Locate the **Interval** property for Timer1 in the Properties window and set it to **1000**.

## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.Timer1.Interval = 1000</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.timer1.Interval = 1000;</pre>	

3. Declare the search string variable at the form level:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Dim searchString As String = String.Empty</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>string searchString = string.Empty;</pre>	

4. Add the **KeyPress** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre></pre>	

```

Private Sub C1TrueDBGrid1_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles C1TrueDBGrid1.KeyPress

    ' Handle the keystroke.
    e.Handled = True

    Me.searchString += e.KeyChar
    Dim count As Integer = Me.C1TrueDBGrid1.Splits(0).Rows.Count
    Dim start As Integer = Me.C1TrueDBGrid1.Row
    Dim current As Integer = (start + 1) Mod count

    ' Stop if search returns to the starting position.
    While current <> start

        ' Get the value.
        Dim s As String = Me.C1TrueDBGrid1(current,
Me.C1TrueDBGrid1.Col).ToString()

        ' If a match is found, exit.
        If s.Substring(0, Me.searchString.Length).ToUpper() =
Me.searchString.ToUpper() Then
            Exit While
        End If

        ' Search the next row, wrapping the column if needed.
        current = (current + 1) Mod count
    End While

    ' Update the grid's current row.
    Me.C1TrueDBGrid1.Row = current

    ' Highlight the entry.
    Me.C1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightCell

    ' Clear the search string at 1 second.
    Me.Timer1.Enabled = True
End Sub

```

To write code in C#

C#

Copy Code

```
private void c1TrueDBGrid1_KeyPress(object sender,
System.Windows.Forms.KeyPressEventArgs e)
{
    // Handle the keystroke.
    e.Handled = true;

    this.searchString += e.KeyChar;
    int count = this.c1TrueDBGrid1.Splits[0].Rows.Count;
    int start = this.c1TrueDBGrid1.Row;
    int current = (start + 1) % count;

    // Stop if search returns to the starting position.
    while( current != start )
    {
        // Get the value.
        string s = this.c1TrueDBGrid1[current,
this.c1TrueDBGrid1.Col].ToString();

        // If a match is found, exit.
        if( s.Substring(0, this.searchString.Length).ToUpper() ==
this.searchString.ToUpper() )
            break;

        // Search the next row, wrapping the column if needed.
        current = (current + 1) % count;
    }

    // Update the grid's current row.
    this.c1TrueDBGrid1.Row = current;

    // Highlight the entry.
    this.c1TrueDBGrid1.MarqueeStyle =
C1.Win.C1TrueDBGrid.MarqueeEnum.HighlightCell;
```

```
// Clear the search string at 1 second.  
this.timer1.Enabled = true;  
}
```

5. Add the **Tick** event for the timer:

To write code in Visual Basic

Visual Basic

Copy Code

```
Private Sub Timer1_Tick(ByVal sender As Object, ByVal e As System.EventArgs)  
Handles Timer1.Tick  
    Me.searchString = String.Empty  
    Me.Timer1.Enabled = False  
End Sub
```

To write code in C#

C#

Copy Code

```
private void timer1_Tick(object sender, System.EventArgs e)  
{  
    this.searchString = string.Empty;  
    this.timer1.Enabled = false;  
}
```

## What You've Accomplished

As the user types, the search will highlight the cell containing that letter. In this example, tying **V** in the *Last* column highlights "Varese".

If more than one entry begins with the same letter, typing the next letter will highlight the entry with those letters. For example, typing **Viv** in the *Last* column will highlight "Vivaldi":

First	Last	Country	Birth	
Robert	Schumann	Germany	6/8/1810	7
Dmitri	Shostakovich	Russia	9/25/1906	8
Jean	Sibelius	Finland	12/8/1865	9
Bedrich	Smetana	Czechoslovakia	3/2/1824	E
Richard	Strauss	Germany	6/11/1864	
Igor	Stravinsky	Russia	6/17/1882	
Peter	Tchaikovsky	Russia	5/7/1840	1
Virgil	Thomson	United States	11/25/1896	
Edgar	Varese	France	12/22/1885	1
Giuseppe	Verdi	Italy	10/10/1813	1
Heitor	Villa-Lobos	Brazil	3/5/1887	E
► Antonio	Vivaldi	Italy		
Richard	Wagner	Germany	5/22/1813	2
Anton von	Webern	Austria	12/3/1883	E

**Note:** After 1 second, the search string will reset.

## Setting Default Values for New Rows

To set default values for new rows, set the column's [Value](#) property in the [OnAddNew](#) event. This is useful if adding multiple rows with similar information.

Complete the following steps:

1. Set the [AllowAddNew](#) property to **True**.

### In the Designer

Locate the [AllowAddNew](#) property in the Properties window and set it to **True**.

### In Code

Add the following code to the [Form\\_Load](#) event:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1TrueDBGrid1.AllowAddNew = True</pre>	

To write code in C#

C#	Copy Code
<pre>this.c1TrueDBGrid1.AllowAddNew = true;</pre>	

2. Add the following [OnAddNew](#) event to the form:

To write code in Visual Basic

Visual Basic	Copy Code
<pre>Private Sub C1TrueDBGrid1_OnAddNew(ByVal sender As Object, ByVal e As System.EventArgs) Handles C1TrueDBGrid1.OnAddNew     Me.C1TrueDBGrid1.Columns("Country").Value = "United States" End Sub</pre>	

```
Private Sub C1TrueDBGrid1_OnAddNew(ByVal sender As Object, ByVal e As System.EventArgs) Handles C1TrueDBGrid1.OnAddNew
    Me.C1TrueDBGrid1.Columns("Country").Value = "United States"
End Sub
```

To write code in C#

C#	Copy Code
<pre>private void c1TrueDBGrid1_OnAddNew(object sender, System.EventArgs e) {     this.c1TrueDBGrid1.Columns["Country"].Value = "United States"; }</pre>	

```
private void c1TrueDBGrid1_OnAddNew(object sender, System.EventArgs e)
{
    this.c1TrueDBGrid1.Columns["Country"].Value = "United States";
}
```

## What You've Accomplished

The value in the *Country* column automatically adds "United States" when a new row is added:

First	Last	Country	Birth	
Peter	Tchaikovsky	Russia	5/7/1840	1
Virgil	Thomson	United States	11/25/1896	
Edgar	Varese	France	12/22/1885	1
Giuseppe	Verdi	Italy	10/10/1813	1
Heitor	Villa-Lobos	Brazil	3/5/1887	E
Antonio	Vivaldi	Italy		
Richard	Wagner	Germany	5/22/1813	2
Anton von	Webern	Austria	12/3/1883	S
Duke	Ellington	United States		
Stephen	Foster	United States		
Scott	Joplin	United States		
John Philip	Sousa	United States		
*		United States		

## Displaying a Column Total in the Footer

You can easily display a sum of all values in a column in the footer of a grid. To do so, you would need to make the column footers visible by setting the `ColumnFooters` property to `True`; you would then create a function to calculate the sum of the column. Note that in the following example, the grid has been bound to the *Products* table in the Northwind database.

Complete the following steps to calculate the total of the *UnitsInStock* column:

1. Add the following code in the Code Editor:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Public Sub CalculateFooter()
    Dim i As Integer
    Dim sum As Double
    For i = 0 To Me.C1TrueDBGrid1.Splits(0).Rows.Count - 1
        sum += Me.C1TrueDBGrid1.Columns("UnitsInStock").CellValue(i)
    Next
    Me.C1TrueDBGrid1.Columns("UnitsInStock").FooterText = sum
End Sub
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
public void CalculateFooter()
{
    int i = 0;
    double sum = 0;
    for (i = 0; i <= this.c1TrueDBGrid1.Splits[0].Rows.Count - 1; i++)
    {
        sum +=
Convert.ToDouble(this.c1TrueDBGrid1.Columns["UnitsInStock"].CellValue(i));
    }
    this.c1TrueDBGrid1.Columns["UnitsInStock"].FooterText =
Convert.ToString(sum);
}
```

This code creates the **CalculateFooter** function to calculate the total of the *UnitsInStock* column.

2. Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Me.C1TrueDBGrid1.ColumnFooters = True
CalculateFooter()
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
c1TrueDBGrid1.ColumnFooters = true;
CalculateFooter();
```

This code sets the visibility of the column footer and initializes the **CalculateFooter** function.

## What You've Accomplished

The column total for the *UnitsInStock* column is now displayed in the grid's footer:

ProductID	ProductName	QuantityPerUnit	UnitPrice	UnitsInStock	UnitsOnOrder
14	Tofu	40 - 100 g pkgs.	23.25	35	
15	Genen Shouyu	24 - 250 ml bottles	15.5	39	
16	Pavlova	32 - 500 g boxes	17.45	29	
17	Alice Mutton	20 - 1 kg tins	39	0	
18	Carnarvon Tige	16 kg pkg.	62.5	42	
19	Teatime Chocol	10 boxes x 12 piec	9.2	25	
20	Sir Rodney's M	30 gift boxes	81	40	
21	Sir Rodney's S	24 pkgs. x 4 piece	10	3	
22	Gustaf's Knäck	24 - 500 g pkgs.	21	104	
23	Tunnbröd	12 - 250 g pkgs.	9	61	
24	Guaraná Fantá	12 - 355 ml cans	4.5	20	
25	NuNuCa Nuß-	20 - 450 g glasses	14	76	
					3119

## Displaying the Current Column and Row

Using the **Row** and **Col** properties you can get the index of the currently selected cell's row and column. In the following example, you'll add two text boxes to your grid application, one that displays the currently selected row and another displaying the current column.

Complete the following steps to display the current row and column:

1. From the Visual Studio Toolbox add two **Label** and two **TextBox** controls.
2. Resize and arrange the controls so that **Label1** is next to **TextBox1** and **Label2** is next to **TextBox2**.
3. In the Properties window, set the following properties:
  - o Set **Label1**'s **Text** property to "Row".
  - o Set **Label2**'s **Text** property to "Column".
4. Add the following **RowColChange** event in the Code Editor:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>Private Sub C1TrueDBGrid1_RowColChange(ByVal sender As System.Object, ByVal e As C1.Win.C1TrueDBGrid.RowColChangeEventArgs) Handles C1TrueDBGrid1.RowColChange</pre>	

```

Me.TextBox1.Text = C1TrueDBGrid1.Row
Me.TextBox2.Text = C1TrueDBGrid1.Col
End Sub

```

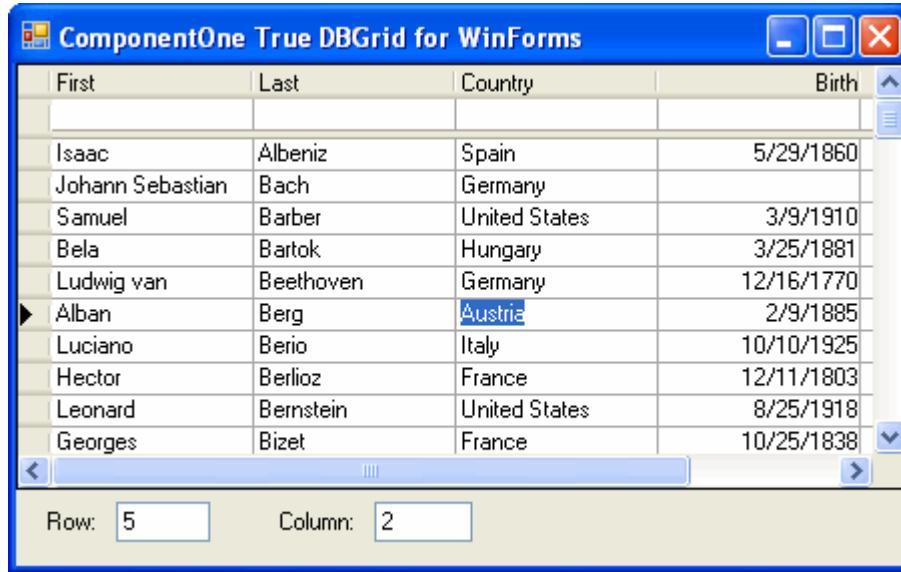
To write code in C#

C#	<a href="#">Copy Code</a>
<pre> private void c1TrueDBGrid1_RowColChange(object sender, RowColChangeEventargs e) {     this.textBox1.Text = c1TrueDBGrid1.Row;     this.textBox2.Text = c1TrueDBGrid1.Col; } </pre>	

This code will set the current row and column indexes to appear in the text boxes.

## What You've Accomplished

Run your application and observe that the row and column text boxes display the row and column index for the selected grid cell:



Choose a different cell and note that the text in the text boxes changes to display the currently selected cell's row and column index.

## Displaying the Date and Time in a Column

In previous versions of **ComponentOne True DBGrid for WinForms**, the default behavior in a column with a **DataType** of **DateTime** was to display both the date and the time in the column. Currently the default behavior is to display only the date. In the following steps, you'll set the column's **NumberFormat** property to "g" (which displays the short date and short time according to your current culture's format) for both the data and time to be displayed and you'll disable the **DateTimePicker** used to edit the date and time at run time.

## In the Designer

Complete the following steps to display both the date and the time in the column:

1. Click the **ellipsis** button next to the **Columns** collection in the Properties window to open the **C1TrueDBGrid Designer**. For information on how to access the **C1TrueDBGrid Designer**, see [Accessing the C1TrueDBGrid Designer](#).
2. In the designer's right pane, select the column you wish to change.
3. In the left pane, select the **Column** tab to view the column's properties.
4. In the properties grid, select the drop-down arrow next to the column's **NumberFormat** property and set it to "g".
5. Select the drop-down arrow next to the column's **EnableDateTimeEditor** property and set it to **False**.
6. Click **OK** to save your changes and close the designer.

## In Code

Add the following code to the **Form\_Load** event to display both the date and the time in the second column:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
	<pre>Me.C1TrueDBGrid1.Columns(1).EnableDateTimeEditor = False Me.C1TrueDBGrid1.Columns(1).NumberFormat = "g"</pre>

[To write code in C#](#)

C#	Copy Code
	<pre>this.c1TrueDBGrid1.Columns[1].EnableDateTimeEditor = false;</pre>

```
this.c1TrueDBGrid1.Columns[1].NumberFormat = "g";
```

## What You've Accomplished

The selected column displays both the date and the time.

### Programmatically Entering Edit Mode

At run time cell edit mode is usually entered by the user's mouse and keyboard interaction with the grid. However, if you choose, you can set the currently focused cell to enter edit mode in code. To enter edit mode, simply set the **EditActive** property to **True**.

In the following steps you'll add two labels and text boxes to your project to choose a cell to edit, a button to change focus to that cell, and another button that enters the focused cell into edit mode.

Complete the following steps:

1. Navigate to the Visual Studio Toolbox and add two **Label** controls and two **TextBox** controls to the form.
2. Arrange **Label1** next to **TextBox1** and **Label2** next to **TextBox2** and, in the Properties window, set the following properties for the controls:
  - o Set **Label1.Text** to "Column:".
  - o Set **TextBox1.Text** to "0".
  - o Set **Label2.Text** to "Row:".
  - o Set **TextBox2.Text** to "0".
3. Navigate to the Visual Studio Toolbox and add two **Button** controls to the form.
4. Arrange the **Button** controls next to the **Label** and **TextBox** controls, and set the following properties in the Properties window:
  - o Set **Button1.Text** to "Set Focus".
  - o Set **Button2.Text** to "Edit Cell".
5. Double-click **Button1** to create the **Click** event handler and switch to code view.
6. Add the following code to the **Button1\_Click** event:

[To write code in Visual Basic](#)

Visual Basic

[Copy Code](#)

```
Me.C1TrueDBGrid1.Col = Me.TextBox1.Text  
Me.C1TrueDBGrid1.Row = Me.TextBox2.Text
```

[To write code in C#](#)

C#

[Copy Code](#)

```
this.c1TrueDBGrid1.Col = this.textBox1.Text;  
this.c1TrueDBGrid1.Row = this.textBox2.Text;
```

7. Return to Design view and double-click **Button2** to create the **Click** event handler and switch to code view.
8. Add the following code to the **Button2\_Click** event:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
<pre>Me.C1TrueDBGrid1.EditActive = True</pre>	

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.EditActive = true;</pre>	

## What You've Accomplished

Using the textboxes and buttons, you can change the cell that is in focus, and you can enter edit mode on the selected cell. Complete the following:

1. Run your application.
2. Change the values in the **Column** and **Row** text boxes, for example to "2" and "3", and click the **Set Focus** button.  
The focus of the grid changes and, if needed, the grid scrolls to bring the column and row in focus into view.
3. Click the **Edit Cell** button.

The selected cell will enter edit mode:



## Changing the Filter Language

To change the language used in the column filter editor, you can use the [Language](#) property.

1. Right-click your grid and select **Properties** to view the Visual Studio Properties window.
2. Confirm that the [AllowFilter](#) property is set to **True**.
3. Click the drop-down arrow next to the Language property and select a language (for example, **Danish**).
4. Run the project and click the drop-down arrow on one of the column headers to open the column filter editor. The language of the column filter editor matches the language specified in the Language property.

## In Code

Add the following code to the **Form\_Load** event:

[To write code in Visual Basic](#)

Visual Basic <pre>Me.C1TrueDBGrid1.AllowFilter = True Me.C1TrueDBGrid1.Language = C1.Util.Localization.Language.Danish</pre>	<a href="#">Copy Code</a>
---	---------------------------

To write code in C#

C#	<a href="#">Copy Code</a>
<pre>this.c1TrueDBGrid1.AllowFilter = true; this.c1TrueDBGrid1.Language = C1.Util.Localization.Language.Danish;</pre>	

## This topic illustrates the following:

Notice the language of the column filter editor matches the language specified in the [Language](#) property.

### Creating a Custom Print Preview

You can create a custom print preview and customize how your grid will appear when printed. You can do this using the [Init](#) method. To override properties like **FormBorderStyle**, **MaximizeBox**, **MinimizeBox**, **ControlBox** and so on of a Form inherited from `C1.Win.C1TrueDBGrid.PrintForm`, override the [Init](#) method of the **PrintForm**. First call the `base.Init()`, then set the properties you want.

Complete the following steps:

1. Navigate to the Toolbox and double-click the **SplitContainer** panel to add it to the Form.
2. Navigate to the Properties window and set the **SplitContainer** panel's **Orientation** property to **Horizontal**.
3. Click in the top panel of the **SplitContainer**, navigate to the Toolbox and double-click the **Button** control to add it to the application.
4. In the Properties window, set the **Button** control's **Text** property to "Preview".
5. Click in the bottom panel of the `C1SplitContainer`, navigate to the Toolbox, and locate and then double-click the **C1TrueDBGrid** control to add it to the application.
6. Click the **C1TrueDBGrid** control's smart tag and choose the **Dock in Parent Container** option from the **Tasks** menu.
7. Right-click the project in the Solution Explorer and select **Add Reference**. In the **Add Reference** dialog box, locate and select the **C1.C1Report** and **C1.Win.C1Report** assemblies and click **OK**. This is required for the print preview.
8. Double-click the **Form** to switch to Code view and create the **Form\_Load** event handler.
9. Add the following code to the **Form\_Load** event:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
<pre>FillGrid()</pre>	

To write code in C#

C#	<a href="#">Copy Code</a>
----	---------------------------

```
FillGrid();
```

10. Add the **FillGrid** event just below the **Form\_Load** event:

To write code in Visual Basic

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Private Sub FillGrid()
    Dim maxrows As Integer = 5

    Dim dt As New DataTable("testdatatable")

    Dim dc As DataColumn
    Dim dr As DataRow

    ' set up an integer column
    dc = New DataColumn()
    dc.DataType = System.Type.[GetType]("System.DateTime")
    dc.ColumnName = "DT1"
    dt.Columns.Add(dc)

    ' do string
    dc = New DataColumn()
    dc.DataType = System.Type.[GetType]("System.DateTime")
    dc.ColumnName = "DT2"
    dt.Columns.Add(dc)

    ' do string
    dc = New DataColumn()
    dc.DataType = System.Type.[GetType]("System.DateTime")
    dc.ColumnName = "DT3"
    dt.Columns.Add(dc)
```

```

Dim rnd As New Random()
For i As Integer = 0 To maxrows - 1
    dr = dt.NewRow()
    dr("DT1") = DateTime.Now.AddDays(i)
    dr("DT2") = DateTime.Now.AddMonths(i)
    dr("DT3") = DateTime.Now.AddYears(i)
    dt.Rows.Add(dr)
Next
Me.C1TrueDBGrid1.DataSource = dt
Me.C1TrueDBGrid1.Columns("DT1").EnableDateTimeEditor = True
Me.C1TrueDBGrid1.Columns("DT2").EnableDateTimeEditor = True
Me.C1TrueDBGrid1.Columns("DT3").EnableDateTimeEditor = True
End Sub

```

To write code in C#

C#

[Copy Code](#)

```

private void FillGrid()
{
    int maxrows = 5;

    DataTable dt = new DataTable("testdatatable");

    DataColumn dc;
    DataRow dr;

    // set up an integer column
    dc = new DataColumn();
    dc.DataType = System.Type.GetType("System.DateTime");
    dc.ColumnName = "DT1";
    dt.Columns.Add(dc);

    // do string
    dc = new DataColumn();
    dc.DataType = System.Type.GetType("System.DateTime");
    dc.ColumnName = "DT2";

```

```

        dt.Columns.Add(dc);

        // do string
        dc = new DataColumn();
        dc.DataType = System.Type.GetType("System.DateTime");
        dc.ColumnName = "DT3";
        dt.Columns.Add(dc);

        Random rnd = new Random();
        for (int i = 0; i < maxrows; i++)
        {
            dr = dt.NewRow();
            dr["DT1"] = DateTime.Now.AddDays(i);
            dr["DT2"] = DateTime.Now.AddMonths(i);
            dr["DT3"] = DateTime.Now.AddYears(i);
            dt.Rows.Add(dr);
        }
        this.c1TrueDBGrid1.DataSource = dt;
        this.c1TrueDBGrid1.Columns["DT1"].EnableDateTimeEditor = true;
        this.c1TrueDBGrid1.Columns["DT2"].EnableDateTimeEditor = true;
        this.c1TrueDBGrid1.Columns["DT3"].EnableDateTimeEditor = true;
    }
}

```

11. In the Solution Explorer, right-click the project and select **Add | Windows Form**. In the **Add New Item** dialog box, name the form "PrintForm1" and click the **Add** button.
12. Double-click the new form to switch to Code view.
13. Edit the initial class declaration to inherit from C1.Win.C1TrueDBGrid.PrintForm:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

<pre> Public Class PrintForm1     Inherits C1.Win.C1TrueDBGrid.PrintForm </pre>	
---	--

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
public partial class PrintForm1 : C1.Win.C1TrueDBGrid.PrintForm
```

14. Add the following code below the class declaration:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
Protected Overrides Sub Init()
    MyBase.Init()
    FormBorderStyle = FormBorderStyle.Sizable
    Me.ControlBox = True
    Me.MinimizeBox = False
    Me.MaximizeBox = False
End Sub
```

[To write code in C#](#)

C#	<a href="#">Copy Code</a>
----	---------------------------

```
protected override void Init()
{
    base.Init();
    FormBorderStyle = FormBorderStyle.Sizable;
    this.ControlBox = true;
    this.MinimizeBox = false;
    this.MaximizeBox = false;
}
```

15. Return to **Form1** in Design view and double-click the **Button** to switch to Code view and create the **Button\_Click** event handler.
16. Add the following code to the **Button\_Click** event handler, making sure to replace "ProjectName" with the name of your project:

[To write code in Visual Basic](#)

Visual Basic	<a href="#">Copy Code</a>
--------------	---------------------------

```
C1TrueDBGrid1.PrintInfo.PreviewFormClassName = "ProjectName.PrintForm"  
C1TrueDBGrid1.PrintInfo.PrintPreview()
```

To write code in C#

C#

Copy Code

```
c1TrueDBGrid1.PrintInfo.PreviewFormClassName = "ProjectName.PrintForm1";  
c1TrueDBGrid1.PrintInfo.PrintPreview();
```

## What You've Accomplished

Run the application and notice the application appears with a button and grid displaying data. Click the Preview button and observe that a customized print preview form appears. The form only includes the **Close** button and not the **Minimize** and **Maximize** buttons.



## C1.Win.C1TrueDBGrid.4 Assembly

### Overview

%%description%%

" -->

## Namespaces

Namespace	Description
<a href="#">C1.Win.C1TrueDBGrid</a>	
<a href="#">C1.Win.C1TrueDBGrid.BaseGrid</a>	
<a href="#">C1.Win.C1TrueDBGrid.Design</a>	
<a href="#">C1.Win.C1TrueDBGrid.Styles</a>	
<a href="#">C1.Win.C1TrueDBGrid.Util</a>	
<a href="#">C1.Win.C1TrueDBGrid.Util.Localization</a>	
<a href="#">C1.Win.C1TrueDBGrid.Util.Xml.Serialization</a>	

## Namespaces

### [C1.Win.C1TrueDBGrid Namespace](#)

#### *Overview*

#### Classes

	Class	Description
	<a href="#">BandEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.Expand</a> and <a href="#">C1TrueDBGrid.Collapse</a> events.
	<a href="#">baseTypeConverter</a>	Base class for typeconverter.
	<a href="#">BeforeColEditEventArgs</a>	Provides data for the BeforeColEdit event.
	<a href="#">BeforeColUpdateEventArgs</a>	Provides data for the BeforeColUpdate event.

 <a href="#">BitmapTypeConverter</a>	Typeconverter for bitmaps. Used for serialization.
 <a href="#">C1 DataColumn</a>	Represents a column that defines binding information for the datasource.
 <a href="#">C1 DataColumnCollection</a>	Contains a collection of <a href="#">C1 DataColumn</a> objects.
 <a href="#">C1 DisplayColumn</a>	Represents the columns in a split.
 <a href="#">C1 DisplayColumnCollection</a>	Represents a collection of <a href="#">C1 DisplayColumn</a> in a <a href="#">Split</a> .
 <a href="#">C1 DropDataColumn</a>	
 <a href="#">C1 DropDisplayColumn</a>	
 <a href="#">C1 OwnerDrawPrint</a>	Object to manage custom page headers and footers when printing and previewing.
 <a href="#">C1 PrintProgress</a>	Print progress window.
 <a href="#">C1 PropImagesCollection</a>	
 <a href="#">C1 TrueDBDropdown</a>	C1TrueDBDropdown control.
 <a href="#">C1 TrueDBGrid</a>	C1TrueDBGrid control object.
 <a href="#">C1 TrueDBGridPreviewFormDropDownEditor</a>	
 <a href="#">C1 TrueDBGridPrintOptionsFormDropDownEditor</a>	
 <a href="#">CancelEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.BeforeDelete</a> ,

		C1TrueDBGrid.BeforeInsert, C1TrueDBGrid.BeforeUpdate, C1TrueDBGrid.BeforeRowColChange, C1TrueDBGrid.RowResize, C1TrueDBGrid.Scroll, C1TrueDBGrid.SelChange, C1TrueDBGrid.BeforeOpen, and C1TrueDBGrid.BeforeClose events.
 <a href="#">CancelScrollEventArgs</a>		Provides data for the <a href="#">C1TrueDBGrid.Scroll</a> event.
 <a href="#">ColEventArgs</a>		Provides data for the <a href="#">C1TrueDBGrid.AfterColUpdate</a> , <a href="#">C1TrueDBGrid.AfterColEdit</a> , <a href="#">C1TrueDBGrid.HeadClick</a> , <a href="#">C1TrueDBGrid.FootClick</a> , <a href="#">C1TrueDBGrid.ColEdit</a> , <a href="#">C1TrueDBGrid.ButtonClick</a> , <a href="#">C1TrueDBGrid.ComboSelect</a> , <a href="#">C1TrueDBGrid.ValueItemError</a> , and <a href="#">C1TrueDBGrid.FilterButtonClick</a> events.
 <a href="#">ColMoveEventArgs</a>		Provides data for the <a href="#">C1TrueDBGrid.ColMove</a> event.
 <a href="#">ColResizeEventArgs</a>		Provides data for the ColReisize event.
 <a href="#">ColumnMergeTypeConverter</a>		
 <a href="#">Condition</a>		Represents a condition within a <b>ConditionFilter</b> .
 <a href="#">DropDownForm</a>		

 <a href="#">DropDownFormClassNameEditor</a>	
 <a href="#">DropDownTypeEditor</a>	
 <a href="#">DropdownView</a>	
 <a href="#">ErrorEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.Error</a> event.
 <a href="#">FetchCellStyleEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FetchCellStyle</a> event.
 <a href="#">FetchCellTipsEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FetchCellTips</a> event.
 <a href="#">FetchGroupCellStyleEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FetchCellStyle</a> event.
 <a href="#">FetchRowStyleEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FetchRowStyle</a> event.
 <a href="#">FetchScrollTipsEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FetchScrollTips</a> event.
 <a href="#">FilterEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.Filter</a> , <a href="#">C1TrueDBGrid.AfterFilter</a> , <a href="#">C1TrueDBGrid.Sort</a> , and <a href="#">C1TrueDBGrid.AfterSort</a>
 <a href="#">FindTypeByName</a>	
 <a href="#">FormatTextEventArgs</a>	Provides data for the <a href="#">FromatText</a> event.
 <a href="#">GenericTypeConverter</a>	Expandable object converter that doesn't handle strings.

 <a href="#">GridBorders</a>	Represents the border in a <a href="#">Style</a>
 <a href="#">GridRenderer</a>	Base class for the grid renderers.
 <a href="#">GridStyleCollection</a>	Represents a collection of named <a href="#">Style</a> .
 <a href="#">GroupColEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.GroupHeadClick</a> event.
 <a href="#">GroupColMoveEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.GroupColMove</a> event.
 <a href="#">GroupedColumnCollection</a>	Contains a collection of <a href="#">C1 DataColumn</a> objects that represent columns that are grouped.
 <a href="#">GroupInfo</a>	GroupInfo Property of the <a href="#">C1 DataColumn</a> object, used to control grouping and rendering of group headers and footers
 <a href="#">GroupIntervalEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.GroupText</a> event.
 <a href="#">GroupRow</a>	Object that represents a groupby split.
 <a href="#">GroupTextEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.GroupText</a> event.
 <a href="#">OwnerDrawCellEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.OwnerDrawCell</a> and <a href="#">C1TrueDBGrid.OwnerDrawCellPrint</a> events.
 <a href="#">OwnerDrawPageEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.OwnerDrawPageHeader</a> and <a href="#">C1TrueDBGrid.OwnerDrawPageHeader</a>

		events.
◆	<a href="#">PrintCancelException</a>	Represents exception that is thrown if printing or exporting a <a href="#">C1TrueDBGrid</a> is cancelled by the user.
◆	<a href="#">PrintForm</a>	The print preview form.
◆	<a href="#">PrintInfo</a>	Specifies how a <a href="#">C1TrueDBGrid</a> should be printed or exported when using such methods as <a href="#">C1TrueDBGrid.ExportTo</a> , <a href="#">Print</a> etc.
◆	<a href="#">PrintOptionsForm</a>	Represents print/export options form.
◆	<a href="#">PrintOptionsForm.ActionItem</a>	
◆	<a href="#">PrintOptionsForm.FillEmptyItem</a>	
◆	<a href="#">PrintOptionsForm.PageBreakItem</a>	
◆	<a href="#">PrintOptionsForm.RowHeightItem</a>	
◆	<a href="#">PrintOptionsForm.WrapTextItem</a>	
◆	<a href="#">PrintPreviewWinSettings</a>	Specifies the characteristics of the print preview window shown by the <a href="#">PrintInfo.PrintPreview</a> method.
◆	<a href="#">RowColChangeEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.RowColChange</a> event.
◆	<a href="#">SelectedColumnCollection</a>	Contains a collection of <a href="#">C1DataColumn</a> objects that represent columns that are selected.

 <a href="#">SelectedRowCollection</a>	Represents a collection of Selected rows.
 <a href="#">Split</a>	Represents a horizontal or vertical pane to display and edit data.
 <a href="#">SplitCollection</a>	Represents a collection of Split objects.
 <a href="#">SplitEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.FirstRowChange</a> and <a href="#">C1TrueDBGrid.LeftColChange</a> events.
 <a href="#">Style</a>	Represents an object used to render grid elements.
 <a href="#">UIStrings</a>	Represents a collection of end user visible UI strings.
 <a href="#">UIStringsItemEventArgs</a>	Provides data for an <a href="#">UIStrings</a> item related event.
 <a href="#">UnboundColumnFetchEventArgs</a>	Provides data for the <a href="#">C1TrueDBGrid.UnboundColumnFetch</a> event.
 <a href="#">ValueItem</a>	Represents an object that defines a value/display value pair.
 <a href="#">ValueItemCollection</a>	Represents a collection of <a href="#">ValueItem</a> objects.
 <a href="#">ValueItems</a>	Represents an object that defines how cells are rendered.

## Structures

	Structure	Description

 Split.CellRange	
---	--

## Delegates

Delegate	Description
 BandEventHandler	Raised when a hierarchical node is expanded or collapsed.
 BeforeColEditEventHandler	Raised before a column enters edit mode.
 BeforeColUpdateEventHandler	Raised after editing is completed in a cell.
 CancelEventHandler	Raised before an action is performed on the grid and the action can be canceled.
 ColEventHandler	Raised when an action is performed on a column.
 ColMoveEventHandler	Raised when a column is being repositioned.
 ColResizeEventHandler	Raised after a column has been resized.
 ErrorEventHandler	Raised when an exception is thrown via the UI.
 FetchCellStyleEventHandler	Raised when the <a href="#">Style</a> used to render a cell needs customization.
 FetchCellTipsEventHandler	Raised when cell tips are to be displayed.
 FetchRowStyleEventHandler	Raised when the <a href="#">Style</a> used to render a row needs customization.
 FetchScrollTipsEventHandler	Raised when scroll tips are to be displayed.
 FilterEventHandler	Raised when the grid is sorted or filtered.

 <a href="#">FormatTextEventHandler</a>	Raised when a cell needs custom formatting.
 <a href="#">GroupColEventHandler</a>	Raised when grouping columns.
 <a href="#">GroupColMoveEventHandler</a>	Raised when a column is moved into or out of the grouping area.
 <a href="#">GroupIntervalEventHandler</a>	Raised when text is grouped.
 <a href="#">GroupTextEventHandler</a>	Raised when text is grouped.
 <a href="#">OwnerDrawCellEventHandler</a>	Raised when a cell is to be rendered by the event code.
 <a href="#">OwnerDrawPageEventHandler</a>	Raised when custom page headers and footers need to be rendered.
 <a href="#">RowColChangeEventHandler</a>	Raised after the current Row or Column changes.
 <a href="#">SplitEventHandler</a>	Raised when Split specific actions are performed.
 <a href="#">UIStringsItemEventHandler</a>	Represents a handler for an <a href="#">UIStrings</a> item related event.
 <a href="#">UnboundColumnFetchEventHandler</a>	Raised when an unbound column needs to be rendered.

## Enumerations

	Enumeration	Description
 <a href="#">AddNewModeEnum</a>		Provides a description of the current addnew state with respect to the current cell.
 <a href="#">AggregateEnum</a>		Specifies the type of aggregate that is computed for a grouped row.
 <a href="#">AlignHorzEnum</a>		Specifies the horizontal alignment of text or images

		in a cell.
 AlignVertEnum		Specifies the vertical alignment of text or images in a cell.
 AllowFiltering		Specifies the type of filter to be used for a <b>Column</b> .
 BackgroundPictureDrawModeEnum		Specifies how the background image is rendered.
 BorderTypeEnum		Specifies the borders for a <b>Style</b> .
 C1DisplayColumn.ColumnChangedEnum		Enumerates the type of changes made to a display column for event listeners
 CellStyleFlag		<p>Describes the disposition of a cell.</p> <p>This enumeration has a FlagsAttribute attribute that allows a bitwise combination of its member values.</p>
 CellTipEnum		Specifies the behavior of the pop-up window when the cursor is idle over the grid.
 ColumnMergeEnum		Specifies how columns are merged.
 ConditionOperator		Represents operators used in filter conditions.
 DataViewEnum		Specifies how the grid displays its data.
 DirectionAfterEnterEnum		Specifies which cell gets focus when the enter key is pressed.
 DropdownWidthEnum		Specifies the width of a C1TrueDBDropdown for a cell.
 ExposeCellModeEnum		Specifies how the grid exposes the rightmost column

		when it gets focus.
 <a href="#">FlatModeEnum</a>		Specifies how 3D elements are rendered.
 <a href="#">ForeGroundPicturePositionEnum</a>		Specifies the location of the foreground image in a cell.
 <a href="#">GradientModeEnum</a>		Specifies the type of gradient.
 <a href="#">GridRenderer.CellType</a>		
 <a href="#">GroupIntervalEnum</a>		Specifies how rows are grouped.
 <a href="#">GroupPositionEnum</a>		Specifies how the grouped column should be displayed.
 <a href="#">LineStyleEnum</a>		Specifies the line style for row and column dividers.
 <a href="#">MarqueeEnum</a>		Specifies how the current cell is highlighted.
 <a href="#">MultiSelectEnum</a>		Specifies the UI behavior for selecting rows and columns.
 <a href="#">OutlineModeEnum</a>		Specifies the initial expanded or collapsed state of a grouped row.
 <a href="#">PointAtEnum</a>		Specifies the type of ui-element for a coordinate.
 <a href="#">PresentationEnum</a>		Specifies how ValueItems are rendered.
 <a href="#">PrintInfo.ActionFlags</a>		Specify allowed print options.
 <a href="#">PrintInfo.FillEmptyEnum</a>		Specifies how empty space left on a printed page is handled (filled or otherwise).

 PrintInfo.GridLinesEnum	Specifies how grid lines are rendered.
 PrintInfo.PageBreaksEnum	Specifies how grid is broken into extension (horizontal) pages when it is too wide to fit into one page.
 PrintInfo.RowHeightEnum	Specifies how rows' heights are determined.
 PrintInfo.WrapTextEnum	Specifies how cell text is wrapped.
 RelationState	Defined the relationship of a column.
 RowSelectorEnum	Specifies which rows are to be previewed/printed.
 RowSizingEnum	Specifies how rows can be resized.
 RowTypeEnum	Identifies the type of row.
 ScrollBarEnum	Identifies the type of scrollbar.
 ScrollBarStyleEnum	Specifies the visibility of ScrollBars.
 SizeModeEnum	Specifies the sizing mode for splits.
 SortDirEnum	Specifies the glyph used to denote a sort direction in the column header.
 TabActionEnum	Specifies how focus is handled when the Tab key is entered.
 VisualStyle	Specifies a visual style to use when rendering the control.

## See Also

### Reference

## Classes

### BandEventArgs

Provides data for the [C1TrueDBGrid.Expand](#) and [C1TrueDBGrid.Collapse](#) events.

## Object Model

BandEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class BandEventArgs  
    Inherits System.EventArgs
```

C#

```
public class BandEventArgs : System.EventArgs
```

## Inheritance Hierarchy

```
System.Object  
  System.EventArgs  
    C1.Win.C1TrueDBGrid.BandEventArgs
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BandEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.Expand](#) and [C1TrueDBGrid.Collapse](#) events.

# Object Model

BandEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class BandEventArgs  
    Inherits System.EventArgs
```

C#

```
public class BandEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.BandEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BandEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [BandEventArgs](#).

## Public Properties

	Name	Description

 <a href="#">Band</a>	Indicates the recordset level that holds the current row within a master-detail hierarchy.
 <a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

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## See Also

### Reference

[BandEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

For a list of all members of this type, see [BandEventArgs members](#).

## Public Properties

	Name	Description
 <a href="#">Band</a>	Indicates the recordset level that holds the current row within a master-detail hierarchy.	
 <a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.	

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## See Also

### Reference

[BandEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Band Property*

Indicates the recordset level that holds the current row within a master-detail hierarchy.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public ReadOnly Property Band As System.Integer
```

C#

```
public System.int Band {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BandEventArgs Class](#)

[BandEventArgs Members](#)

#### *Cancel Property*

Gets or sets a value indicating that the action should not be performed.

## Syntax

Visual Basic (Declaration)

```
Public Property Cancel As System.Boolean
```

C#

```
public System.bool Cancel {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BandEventArgs Class](#)

[BandEventArgs Members](#)

**baseTypeConverter**  
Base class for typeconverter.

## Object Model

baseTypeConverter

### Syntax

Visual Basic (Declaration)

```
Public MustInherit Class baseTypeConverter  
    Inherits System.ComponentModel.TypeConverter
```

C#

```
public abstract class baseTypeConverter : System.ComponentModel.TypeConverter
```

### Inheritance Hierarchy

```
System.Object  
  System.ComponentModel.TypeConverter  
    C1.Win.C1TrueDBGrid.baseTypeConverter  
      C1.Win.C1TrueDBGrid.BitmapTypeConverter
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[baseTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*  
Base class for typeconverter.

## Object Model

## baseTypeConverter

### Syntax

Visual Basic (Declaration)

```
Public MustInherit Class baseTypeConverter  
    Inherits System.ComponentModel.TypeConverter
```

C#

```
public abstract class baseTypeConverter : System.ComponentModel.TypeConverter
```

### Inheritance Hierarchy

System.Object

    System.ComponentModel.TypeConverter

**C1.Win.C1TrueDBGrid.baseTypeConverter**

            C1.Win.C1TrueDBGrid.BitmapTypeConverter

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[baseTypeConverter Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Methods](#)

The following tables list the members exposed by [baseTypeConverter](#).

### Public Methods

	Name	Description

 <a href="#">CanConvertFrom</a>	Overloaded. Overridden. Returns true if the source type is string.
 <a href="#">CanConvertTo</a>	Overloaded. Overridden. Returns true of the type of string.
 <a href="#">ConvertFrom</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.
 <a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">ConvertTo</a>	Overloaded. Overridden. Overloaded. Converts the given value object to the specified type.
 <a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

 <a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
 <a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)	
 <a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)	
 <a href="#">ObjFromString</a>	Returns an object from it's string representation.	
 <a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)	
 <a href="#">StringFromObj</a>	Returns a string representation from a given object.	

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## See Also

### Reference

[baseTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

For a list of all members of this type, see [baseTypeConverter members](#).

## Public Methods

	Name	Description
=♡	<a href="#">CanConvertFrom</a>	Overloaded. Overridden. Returns true if the source type is string.
=♡	<a href="#">CanConvertTo</a>	Overloaded. Overridden. Returns true of the type of string.
=♡	<a href="#">ConvertFrom</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.
=♡	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">ConvertTo</a>	Overloaded. Overridden. Overloaded. Converts the given value object to the specified type.
=♡	<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetProperties</a>	Overloaded. (Inherited from

		System.ComponentModel.TypeConverter)
=♡	<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
=♡	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">ObjFromString</a>	Returns an object from it's string representation.
=♡	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)
=♡	<a href="#">StringFromObj</a>	Returns a string representation from a given object.

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## See Also

### Reference

[baseTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*CanConvertFrom Method*

Returns true if the source type is string.

## Overload List

Overload	Description
<a href="#">CanConvertFrom(ITypeDescriptorContext,Type)</a>	Returns true if the source type is string.
<a href="#">CanConvertFrom(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)

[CanConvertFrom\(ITypeDescriptorContext,Type\) Method](#)

Returns true if the source type is string.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function CanConvertFrom( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal sourceType As System.Type _ ) As System.Boolean</pre>	
C#	

```
public override System.bool CanConvertFrom(
    System.ComponentModel.ITypeDescriptorContext context,
    System.Type sourceType
)
```

## Parameters

*context*

*sourceType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)  
[Overload List](#)

*CanConvertTo Method*

Returns true of the type of string.

## Overload List

Overload	Description
<a href="#">CanConvertTo(ITypeDescriptorContext,Type)</a>	Returns true of the type of string.
<a href="#">CanConvertTo(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)

[baseTypeConverter Members](#)

[CanConvertTo\(ITypeDescriptorContext,Type\) Method](#)

Returns true if the type of string.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function CanConvertTo( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal type As System.Type _
) As System.Boolean
```

C#

```
public override System.bool CanConvertTo(
    System.ComponentModel.ITypeDescriptorContext context,
    System.Type type
)
```

### Parameters

*context*

*type*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)  
[Overload List](#)

#### *ConvertFrom Method*

Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.

## Overload List

Overload	Description
<a href="#">ConvertFrom(ITypeDescriptorContext,CultureInfo,Object)</a>	Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.
<a href="#">ConvertFrom(Object)</a>	(Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)

#### [ConvertFrom\(ITypeDescriptorContext,CultureInfo,Object\)](#) Method

Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.

## Syntax

Visual Basic (Declaration)

```

Public Overloads Overrides Function ConvertFrom( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal culture As System.Globalization.CultureInfo, _
    ByVal value As System.Object _
) As System.Object

```

C#

```

public override System.Object ConvertFrom(
    System.ComponentModel.ITypeDescriptorContext context,
    System.Globalization.CultureInfo culture,
    System.Object value
)

```

## Parameters

*context*

*culture*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)

[baseTypeConverter Members](#)

[Overload List](#)

### ConvertTo Method

Overloaded. Converts the given value object to the specified type.

## Overload List

Overload	Description
<a href="#">ConvertTo(ITypeDescriptorContext,CultureInfo,Object,Type)</a>	Overloaded. Converts the given value

e)	object to the specified type.
ConvertTo(Object,Type)	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)

[baseTypeConverter Members](#)

`ConvertTo(ITypeDescriptorContext,CultureInfo,Object,Type)` Method  
Overloaded. Converts the given value object to the specified type.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function ConvertTo( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal culture As System.Globalization.CultureInfo, _     ByVal value As System.Object, _     ByVal type As System.Type _ ) As System.Object</pre>	
C#	
<pre>public override System.Object ConvertTo(     System.ComponentModel.ITypeDescriptorContext context,     System.Globalization.CultureInfo culture,     System.Object value,     System.Type type )</pre>	

## Parameters

*context*

*culture*

*value*

*type*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)  
[Overload List](#)

### *ObjFromString* Method

Returns an object from it's string representation.

## Syntax

Visual Basic (Declaration)

```
Protected MustOverride Function ObjFromString( _
    ByVal str As System.String _
) As System.Object
```

C#

```
protected abstract System.Object ObjFromString(
    System.String str
)
```

## Parameters

*str*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)

#### *StringFromObj Method*

Returns a string representation from a given object.

## Syntax

Visual Basic (Declaration)

```
Protected MustOverride Function StringFromObj( _
    ByVal o As System.Object _ 
) As System.String
```

C#

```
protected abstract System.string StringFromObj(
    System.object o
)
```

### Parameters

*o*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[baseTypeConverter Class](#)  
[baseTypeConverter Members](#)

[BeforeColEditEventArgs](#)

Provides data for the BeforeColEdit event.

## Object Model

[BeforeColEditEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class BeforeColEditEventArgs  
    Inherits System.EventArgs
```

C#

```
public class BeforeColEditEventArgs : System.EventArgs
```

## Inheritance Hierarchy

```
System.Object  
  System.EventArgs  
    C1.Win.C1TrueDBGrid.BeforeColEditEventArgs
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the BeforeColEdit event.

## Object Model

## BeforeColEditEventArgs

### Syntax

Visual Basic (Declaration)	
<pre>Public Class BeforeColEditEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class BeforeColEditEventArgs : System.EventArgs</pre>	

### Inheritance Hierarchy

System.Object

  System.EventArgs

**C1.Win.C1TrueDBGrid.BeforeColEditEventArgs**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[BeforeColEditEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [BeforeColEditEventArgs](#).

### Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that editing should be disallowed.

 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	Gets the C1DisplayColumn for the column being edited.
 <a href="#">KeyChar</a>	Indicates the character that initiated the editing operation.

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## See Also

### Reference

[BeforeColEditEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

For a list of all members of this type, see [BeforeColEditEventArgs members](#).

## Public Properties

	Name	Description
 <a href="#">Cancel</a>	Gets or sets a value indicating that editing should be disallowed.	
 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.	
 <a href="#">Column</a>	Gets the C1DisplayColumn for the column being edited.	
 <a href="#">KeyChar</a>	Indicates the character that initiated the editing operation.	

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## See Also

### Reference

[BeforeColEditEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Cancel Property*

Gets or sets a value indicating that editing should be disallowed.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Cancel As System.Boolean</pre>	
C#	
<pre>public System.bool Cancel {get; set;}</pre>	

## Remarks

If event procedure sets the Cancel argument to True, the cell will not enter edit mode. Otherwise, the ColEdit event is raised immediately, followed by the Change event for the KeyChar property, if non-zero.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventArgs Class](#)

[BeforeColEditEventArgs Members](#)

#### *ColIndex Property*

Indicates the position in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property ColIndex As System.Integer</pre>	
C#	
<pre>public System.int ColIndex {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventArgs Class](#)

[BeforeColEditEventArgs Members](#)

*Column Property*

Gets the C1DisplayColumn for the column being edited.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventArgs Class](#)

[BeforeColEditEventArgs Members](#)

*KeyChar Property*

Indicates the character that initiated the editing operation.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property KeyChar As System.Char
```

C#

```
public System.char KeyChar {get;}
```

## Remarks

The BeforeColEdit event occurs just before the user enters edit mode by typing a character. If a floating editor marquee is not in use, this event also occurs when the user clicks the current cell or double clicks another cell.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventArgs Class](#)

[BeforeColEditEventArgs Members](#)

[BeforeColUpdateEventArgs](#)

Provides data for the BeforeColUpdate event.

## Object Model

[BeforeColUpdateEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class BeforeColUpdateEventArgs
```

```
    Inherits System.EventArgs
```

C#

```
public class BeforeColUpdateEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.BeforeColUpdateEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the BeforeColUpdate event.

## Object Model

BeforeColUpdateEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class BeforeColUpdateEventArgs  
    Inherits System.EventArgs
```

C#

```
public class BeforeColUpdateEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.BeforeColUpdateEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [BeforeColUpdateEventArgs](#).

## Public Properties

	Name	Description
 <a href="#">Cancel</a>		Gets or sets a value that prevents the user from moving focus to another cell.
 <a href="#">ColIndex</a>		Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>		Gets the C1DisplayColumn for the column being edited.
 <a href="#">OldValue</a>		Gets or sets the value of the original cell data.

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## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

>

### Name

### Description

 <a href="#">Cancel</a>	Gets or sets a value that prevents the user from moving focus to another cell.
 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	Gets the C1DisplayColumn for the column being edited.
 <a href="#">OldValue</a>	Gets or sets the value of the original cell data.

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## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Cancel Property*

Gets or sets a value that prevents the user from moving focus to another cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Cancel As System.Boolean</pre>	
C#	
<pre>public System.bool Cancel {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)  
[BeforeColUpdateEventArgs Members](#)

### *ColIndex Property*

Indicates the position in the DisplayColumns collection.

## Syntax

### Visual Basic (Declaration)

```
Public ReadOnly Property ColIndex As System.Integer
```

### C#

```
public System.int ColIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)

[BeforeColUpdateEventArgs Members](#)

### *Column Property*

Gets the C1DisplayColumn for the column being edited.

## Syntax

### Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

### C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)

[BeforeColUpdateEventArgs Members](#)

*OldValue Property*

Gets or sets the value of the original cell data.

## Syntax

Visual Basic (Declaration)

```
Public Property OldValue As System.Object
```

C#

```
public System.Object OldValue {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventArgs Class](#)

[BeforeColUpdateEventArgs Members](#)

[BitmapTypeConverter](#)

Typeconverter for bitmaps. Used for serialization.

## Object Model

[BitmapTypeConverter](#)

## Syntax

Visual Basic (Declaration)

<pre>Public Class BitmapTypeConverter     Inherits baseTypeConverter</pre>	
C#	
<pre>public class BitmapTypeConverter : baseTypeConverter</pre>	

## Inheritance Hierarchy

```
System.Object  
  System.ComponentModel.TypeConverter  
    C1.Win.C1TrueDBGrid.baseTypeConverter  
      C1.Win.C1TrueDBGrid.BitmapTypeConverter
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BitmapTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Typeconverter for bitmaps. Used for serialization.

## Object Model

BitmapTypeConverter

## Syntax

Visual Basic (Declaration)	
<pre>Public Class BitmapTypeConverter     Inherits baseTypeConverter</pre>	
C#	

```
public class BitmapTypeConverter : baseTypeConverter
```

## Inheritance Hierarchy

```
System.Object
  System.ComponentModel.TypeConverter
    C1.Win.C1TrueDBGrid.baseTypeConverter
      C1.Win.C1TrueDBGrid.BitmapTypeConverter
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BitmapTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Methods](#)

The following tables list the members exposed by [BitmapTypeConverter](#).

## Public Constructors

	Name	Description
=	<a href="#">BitmapTypeConverter Constructor</a>	

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## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. Returns true if the source type is string. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )

≡	<a href="#">CanConvertTo</a>	Overloaded. Returns true if the type of string. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
≡	<a href="#">ConvertFrom</a>	Overloaded. Overloaded. Returns whether this converter can convert an object of one type to the type of this converter. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
≡	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">ConvertTo</a>	Overloaded. Overloaded. Converts the given value object to the specified type. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
≡	<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">ConvertToString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">CreateInstance</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">GetProperties</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
≡	<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )

= 	<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
= 	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">ObjFromString</a>	Overridden. Override. Returns the object given a string.
= 	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">StringFromObj</a>	Overridden. Override. Returns a string given an object.

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## See Also

### Reference

[BitmapTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*BitmapTypeConverter Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public BitmapTypeConverter()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BitmapTypeConverter Class](#)

[BitmapTypeConverter Members](#)

### Methods

Name	Description
<a href="#">=♡ CanConvertFrom</a>	Overloaded. Returns true if the source type is string. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
<a href="#">=♡ CanConvertTo</a>	Overloaded. Returns true of the type of string. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
<a href="#">=♡ ConvertFrom</a>	Overloaded. Overloaded. Returns whether this converter can convert an object of one type to the type of this converter. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.baseTypeConverter</a> )
<a href="#">=♡ ConvertFromInvariantString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
<a href="#">=♡ ConvertFromString</a>	Overloaded. (Inherited from <a href="#">System.ComponentModel.TypeConverter</a> )
<a href="#">=♡ ConvertTo</a>	Overloaded. Overloaded. Converts the given value object to the specified type. (Inherited from

	C1.Win.C1TrueDBGrid.baseTypeConverter)
=  <a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

Name	Description
=  <a href="#">GetConvertFromException</a> (Inherited from System.ComponentModel.TypeConverter)	
=  <a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
=  <a href="#">ObjFromString</a>	Overridden. Override. Returns the object given a string.

 SortProperties	(Inherited from System.ComponentModel.TypeConverter)
 StringFromObj	Overridden. Override. Returns a string given an object.

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## See Also

### Reference

[BitmapTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ObjFromString Method*  
 Override. Returns the object given a string.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Function ObjFromString( _     ByVal str As System.String _  ) As System.Object</pre>	
C#	
<pre>protected override System.Object ObjFromString(     System.String str )</pre>	

### Parameters

*str*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BitmapTypeConverter Class](#)

[BitmapTypeConverter Members](#)

#### *StringFromObj Method*

Override. Returns a string given an object.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Function StringFromObj( _
    ByVal o As System.Object _ 
) As System.String
```

C#

```
protected override System.string StringFromObj(
    System.object o
)
```

### Parameters

*o*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BitmapTypeConverter Class](#)

[BitmapTypeConverter Members](#)

### C1DataColumn

Represents a column that defines binding information for the datasource.

## Object Model

[C1DataColumn](#)

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")> Public Class C1DataColumn	
C#	
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")] public class C1DataColumn	

## Inheritance Hierarchy

System.Object  
**C1.Win.C1TrueDBGrid.C1DataColumn**  
C1.Win.C1TrueDBGrid.C1DropDataColumn

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a column that defines binding information for the datasource.

## Object Model

[C1DataColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
```

```
Public Class C1DataColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
```

```
public class C1DataColumn
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.C1DataColumn**

[C1.Win.C1TrueDBGrid.C1DropDataColumn](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1DataColumn](#).

## Public Constructors

	Name	Description

 <a href="#">C1 DataColumn Constructor</a>	Overloaded.
---	-------------

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## Public Properties

	Name	Description
 <a href="#">Aggregate</a>	Gets or sets the type of aggregate computed for a grouped row.	
 <a href="#">ButtonPicture</a>	Gets or sets the image shown in a drop-down button in a column.	
 <a href="#">Caption</a>	Gets or sets the text in the column header.	
 <a href="#">DataChanged</a>	Gets or sets a value indicating whether data in this column has been modified.	
 <a href="#">DataField</a>	Gets or sets the database field name for a column.	
 <a href="#">DataType</a>	Gets or sets the type of object stored for a column.	
 <a href="#">DataWidth</a>	Gets or sets the maximum number of characters which may be entered for cells in this column.	
 <a href="#">DefaultValue</a>	Gets or sets the default value for a column when a new row is added by the grid.	
 <a href="#">DropDown</a>	Gets or sets a user defined object associated with this column.	
 <a href="#">EditMask</a>	Gets or sets the edit mask for a column.	
 <a href="#">EditMaskUpdate</a>	Gets or sets a value indicating whether literal characters in the edit mask are stored to the underlying data source.	
 <a href="#">Editor</a>	Gets or sets the editor that is used to edit cell data.	

 <a href="#">EnableDateTimeEditor</a>	Gets or sets a value indicating whether a DateTime picker is used to edit this column.
 <a href="#">FilterApplyText</a>	Gets or sets the text of Apply button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterButtonPicture</a>	Gets or sets the image shown as the column's filter button.
 <a href="#">FilterCancelText</a>	Gets or sets the text of Cancel button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterClearText</a>	Gets or sets the text of Clear button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterDropdown</a>	Gets or sets a value indicating whether a drop-down list is displayed in the filter cell that lists all the values of the field.
 <a href="#">FilterDropdownText</a>	Gets or sets the value indicating All when the FilterDropdown property is True.
 <a href="#">FilterEscape</a>	Gets or sets the characters that should be ignored when applying the filter criteria to the datasource.
 <a href="#">FilterKeys</a>	Gets or sets the key used to initiate the filtering operation as the user types in the filterbar.
 <a href="#">FilterMultiSelect</a>	Gets or sets a value indicating whether multiple values can be selected in the filter drop-down list.
 <a href="#">FilterOperator</a>	Gets or sets the operator that is used for a filter expression.
 <a href="#">FilterSeparator</a>	Gets or sets a character used to separate values in the filter drop-down list when multiple values are selected.
 <a href="#">FilterText</a>	Gets or sets the data associated with the value of the filter for a

		column.
 <a href="#">FilterWatermark</a>		Specifies the text that is rendered in an empty cell in the Filterbar.
 <a href="#">FooterText</a>		Gets or sets the text displayed in the column footer.
 <a href="#">GroupInfo</a>		Gets or sets the <a href="#">GroupInfo</a> associated with this column.
 <a href="#">ImeMode</a>		Specifies the ImeMode used to edit this column.
 <a href="#">Level</a>		Gets or sets the level of this column in a hierarchical data source.
 <a href="#">NumberFormat</a>		Gets or sets the formatting string for a column.
 <a href="#">SortDirection</a>		Gets or sets the state of the sorting glyph in the column caption bar.
 <a href="#">Tag</a>		Gets or sets a user defined objects associated with this column.
 <a href="#">Text</a>		Gets or sets the display value for the current cell.
 <a href="#">Value</a>		Gets or sets the value of the current cell.
 <a href="#">ValueItems</a>		Gets the <a href="#">ValueItems</a> object for this column.

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## Protected Properties

	Name	Description
 <a href="#">buttonPicIdx</a>		
 <a href="#">buttonPicTag</a>		
 <a href="#">filterButtonPicIdx</a>		

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## Public Methods

	Name	Description
=	<a href="#">CellText</a>	Gets the display value for a cell in a given row.
=	<a href="#">CellValue</a>	Gets the cell value for a given row.
=	<a href="#">Refetch</a>	Repopulate the entire grid from the data source.
=	<a href="#">RefetchCell</a>	Overloaded. Repopulates the current cell from the data source.
=	<a href="#">Refresh</a>	Invalidate the current column in all visible rows.
=	<a href="#">RefreshCell</a>	Overloaded. Invalidates the current cell.
=	<a href="#">ResetButtonPicture</a>	Resets ButtonPicture to its default value.
=	<a href="#">ResetFilterButtonPicture</a>	Resets FilterButtonPicture to its default value.
=	<a href="#">ToString</a>	

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## See Also

### Reference

[C1DataColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*C1DataColumn Constructor*

### Overload List

Overload	Description
<a href="#">C1DataColumn Constructor()</a>	Creates a new instance of this object.

<a href="#">C1DataColumn Constructor(String,Type)</a>	Creates a new instance of this object.
<a href="#">C1DataColumn Constructor(String,String,Type)</a>	Creates a new instance of this object.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*C1DataColumn Constructor()*

Creates a new instance of this object.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public C1DataColumn()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

[Overload List](#)

### *C1DataColumn Constructor(String,Type)*

The column caption.

The data type.

Creates a new instance of this object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal caption As System.String, _     ByVal datatype As System.Type _ )</pre>	
C#	
<pre>public C1DataColumn(     System.string caption,     System.Type datatype )</pre>	

## Parameters

*caption*

The column caption.

*datatype*

The data type.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

[Overload List](#)

*C1 DataColumn Constructor(String, String, Type)*

The column caption.

The field from the data source.

The data type.

Creates a new instance of this object.

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal caption As System.String, _
    ByVal datafield As System.String, _
    ByVal datatype As System.Type _
)
```

C#

```
public C1 DataColumn(
    System.string caption,
    System.string datafield,
    System.Type datatype
)
```

### Parameters

*caption*

The column caption.

*datafield*

The field from the data source.

*datatype*

The data type.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)  
[Overload List](#)

#### Methods

For a list of all members of this type, see [C1DataColumn members](#).

## Public Methods

	Name	Description
=	<a href="#">CellText</a>	Gets the display value for a cell in a given row.
=	<a href="#">CellValue</a>	Gets the cell value for a given row.
=	<a href="#">Refetch</a>	Repopulate the entire grid from the data source.
=	<a href="#">RefetchCell</a>	Overloaded. Repopulates the current cell from the data source.
=	<a href="#">Refresh</a>	Invalidate the current column in all visible rows.
=	<a href="#">RefreshCell</a>	Overloaded. Invalidates the current cell.
=	<a href="#">ResetButtonPicture</a>	Resets ButtonPicture to its default value.
=	<a href="#">ResetFilterButtonPicture</a>	Resets FilterButtonPicture to its default value.
=	<a href="#">ToString</a>	

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## See Also

## Reference

[C1 DataColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *CellText Method*

The row to fetch.

Gets the display value for a cell in a given row.

## Syntax

Visual Basic (Declaration)

```
Public Function CellText( _
    ByVal row As System.Integer _ 
) As System.String
```

C#

```
public System.string CellText(
    System.int row
)
```

### Parameters

*row*

The row to fetch.

### Return Value

The display value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)  
[C1 DataColumn Members](#)

### *CellValue Method*

The row to fetch.

Gets the cell value for a given row.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function CellValue( _     ByVal row As System.Integer _ ) As System.Object</pre>	
C#	
<pre>public System.Object CellValue(     System.int row )</pre>	

### Parameters

*row*

The row to fetch.

### Return Value

The underlying data from the data source.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *Refetch Method*

Repopulate the entire grid from the data source.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub Refetch()</pre>	
C#	
<pre>public void Refetch()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *RefetchCell Method*

Repopulates the current cell from the data source.

## Overload List

Overload	Description
<a href="#">RefetchCell()</a>	Repopulates the current cell from the data source.
<a href="#">RefetchCell(Int32)</a>	Repopulates the specified data from the data source.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [C1DataColumn Class](#)

### [C1DataColumn Members](#)

#### RefetchCell() Method

Repopulates the current cell from the data source.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads Sub RefetchCell()
```

### C#

```
public void RefetchCell()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1DataColumn Class](#)

#### [C1DataColumn Members](#)

#### [Overload List](#)

#### RefetchCell(Int32) Method

The row to refetch.

Repopulates the specified data from the data source.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads Sub RefetchCell( _
    ByVal row As System.Integer _ )
```

### C#

```
public void RefetchCell(  
    System.int row  
)
```

## Parameters

*row*

The row to refetch.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

[Overload List](#)

*Refresh Method*

Invalidate the current column in all visible rows.

## Syntax

Visual Basic (Declaration)

```
Public Sub Refresh()
```

C#

```
public void Refresh()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *RefreshCell Method*

Invalidates the current cell.

## Overload List

Overload	Description
<a href="#">RefreshCell()</a>	Invalidates the current cell.
<a href="#">RefreshCell(Int32)</a>	Invalidates the cell at the given row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *RefreshCell() Method*

Invalidates the current cell.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub RefreshCell()
```

C#

```
public void RefreshCell()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

[Overload List](#)

RefreshCell(Int32) Method

Row to invalidate.

Invalidate the cell at the given row.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub RefreshCell( _
    ByVal row As System.Integer _
)
```

C#

```
public void RefreshCell(
    System.int row
)
```

### Parameters

*row*

Row to invalidate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

[Overload List](#)

### *ResetButtonPicture Method*

Resets ButtonPicture to its default value.

## Syntax

Visual Basic (Declaration)

```
Public Sub ResetButtonPicture()
```

C#

```
public void ResetButtonPicture()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *ResetFilterButtonPicture Method*

Resets FilterButtonPicture to its default value.

## Syntax

Visual Basic (Declaration)

```
Public Sub ResetFilterButtonPicture()
```

C#

```
public void ResetFilterButtonPicture()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

*Properties*

For a list of all members of this type, see [C1DataColumn members](#).

## Public Properties

	Name	Description

 <a href="#">Aggregate</a>	Gets or sets the type of aggregate computed for a grouped row.
 <a href="#">ButtonPicture</a>	Gets or sets the image shown in a drop-down button in a column.
 <a href="#">Caption</a>	Gets or sets the text in the column header.
 <a href="#">DataChanged</a>	Gets or sets a value indicating whether data in this column has been modified.
 <a href="#">DataField</a>	Gets or sets the database field name for a column.
 <a href="#">DataType</a>	Gets or sets the type of object stored for a column.
 <a href="#">DataWidth</a>	Gets or sets the maximum number of characters which may be entered for cells in this column.
 <a href="#">DefaultValue</a>	Gets or sets the default value for a column when a new row is added by the grid.
 <a href="#">DropDown</a>	Gets or sets a user defined object associated with this column.
 <a href="#">EditMask</a>	Gets or sets the edit mask for a column.
 <a href="#">EditMaskUpdate</a>	Gets or sets a value indicating whether literal characters in the edit mask are stored to the underlying data source.
 <a href="#">Editor</a>	Gets or sets the editor that is used to edit cell data.
 <a href="#">EnableDateTimeEditor</a>	Gets or sets a value indicating whether a DateTime picker is used to edit this column.
 <a href="#">FilterApplyText</a>	Gets or sets the text of Apply button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterButtonPicture</a>	Gets or sets the image shown as the column's filter button.

 <a href="#">FilterCancelText</a>	Gets or sets the text of Cancel button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterClearText</a>	Gets or sets the text of Clear button in the filter drop-down list when the FilterMultiSelect property is True.
 <a href="#">FilterDropdown</a>	Gets or sets a value indicating whether a drop-down list is displayed in the filter cell that lists all the values of the field.
 <a href="#">FilterDropdownText</a>	Gets or sets the value indicating All when the FilterDropdown property is True.
 <a href="#">FilterEscape</a>	Gets or sets the characters that should be ignored when applying the filter criteria to the datasource.
 <a href="#">FilterKeys</a>	Gets or sets the key used to initiate the filtering operation as the user types in the filterbar.
 <a href="#">FilterMultiSelect</a>	Gets or sets a value indicating whether multiple values can be selected in the filter drop-down list.
 <a href="#">FilterOperator</a>	Gets or sets the operator that is used for a filter expression.
 <a href="#">FilterSeparator</a>	Gets or sets a character used to separate values in the filter drop-down list when multiple values are selected.
 <a href="#">FilterText</a>	Gets or sets the data associated with the value of the filter for a column.
 <a href="#">FilterWatermark</a>	Specifies the text that is rendered in an empty cell in the Filterbar.
 <a href="#">FooterText</a>	Gets or sets the text displayed in the column footer.
 <a href="#">GroupInfo</a>	Gets or sets the <a href="#">GroupInfo</a> associated with this column.

 <a href="#">ImeMode</a>	Specifies the ImeMode used to edit this column.
 <a href="#">Level</a>	Gets or sets the level of this column in a hierarchical data source.
 <a href="#">NumberFormat</a>	Gets or sets the formatting string for a column.
 <a href="#">SortDirection</a>	Gets or sets the state of the sorting glyph in the column caption bar.
 <a href="#">Tag</a>	Gets or sets a user defined objects associated with this column.
 <a href="#">Text</a>	Gets or sets the display value for the current cell.
 <a href="#">Value</a>	Gets or sets the value of the current cell.
 <a href="#">ValueItems</a>	Gets the <a href="#">ValueItems</a> object for this column.

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## Protected Properties

	Name	Description
 <a href="#">buttonPicIdx</a>		
 <a href="#">buttonPicTag</a>		
 <a href="#">filterButtonPicIdx</a>		

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## See Also

### Reference

[C1DataColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Aggregate Property*

Gets or sets the type of aggregate computed for a grouped row.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Returns the type of aggregate computed for a grouped
row.")>
Public Property Aggregate As AggregateEnum
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Returns the type of aggregate computed for a grouped
row.")]
public AggregateEnum Aggregate {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*buttonPicIdx Property*

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
Protected Property buttonPicIdx As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
```

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)]
protected System.int buttonPicIdx {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*buttonPicTag Property*

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)>
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.StringConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(False)>
Protected Property buttonPicTag As System.String
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)]
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.StringConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(false)]
protected System.string buttonPicTag {get; set;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

#### *ButtonPicture Property*

Gets or sets the image shown in a drop-down button in a column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the image shown in a drop-down button in a
column.")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property ButtonPicture As System.Drawing.Image
```

C#

```
[C1DescriptionAttribute("Gets or sets the image shown in a drop-down button in a
column.")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
```

```
ationVisibility.Hidden)]  
public System.Drawing.Image ButtonPicture {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

#### *Caption Property*

Gets or sets the text in the column header.

## Syntax

Visual Basic (Declaration)	
<System.Xml.Serialization.XmlAttributeAttribute()> <C1DescriptionAttribute("Sets or retrieves column heading text.")> Public Property Caption As System.String	
C#	
[System.Xml.Serialization.XmlAttributeAttribute()] [C1DescriptionAttribute("Sets or retrieves column heading text.")] public System.string Caption {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

*DataChanged Property*

Gets or sets a value indicating whether data in this column has been modified.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves whether data in this column has been
modified by the user.")>
<System.ComponentModel.BrowsableAttribute(False)>
Public Property DataChanged As System.Boolean
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves whether data in this column has been
modified by the user.")]
[System.ComponentModel.BrowsableAttribute(false)]
public System.bool DataChanged {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008  
(Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later),  
Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

*DataField Property*

Gets or sets the database field name for a column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the database field name for a  
column.")>
```

```
<System.Xml.Serialization.XmlAttributeAttribute()>
```

```
Public Property DataField As System.String
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the database field name for a  
column.")]
```

```
[System.Xml.Serialization.XmlAttributeAttribute()]
```

```
public System.String DataField {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *DataType Property*

Gets or sets the type of object stored for a column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
```

```
<C1DescriptionAttribute("Gets or sets the type of object stored for a column.")>
```

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>
```

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.DataTypeConve  
rter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Property DataType As System.Type
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]\n[C1DescriptionAttribute("Gets or sets the type of object stored for a column.")]\n[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ\nationVisibility.Hidden)]\n[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.DataTypeConve\nrter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,\nPublicKeyToken=75ae3fb0e2b1e0da")]  
public System.Type DataType {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*DataWidth Property*

Gets or sets the maximum number of characters which may be entered for cells in this column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the maximum number of characters\nwhich may be entered for cells in this column.")>\n<System.ComponentModel.DefaultValueAttribute()>\n<System.Xml.Serialization.XmlAttributeAttribute()>\nPublic Property DataWidth As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the maximum number of characters\nwhich may be entered for cells in this column.")]\n[System.ComponentModel.DefaultValueAttribute()]
```

```
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.int DataWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*DefaultValue Property*

Gets or sets the default value for a column when a new row is added by the grid.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Sets or retrieves the default cell value for a column.")> <System.Xml.Serialization.XmlAttributeAttribute()> <System.ComponentModel.DefaultValueAttribute()> Public Property DefaultValue As System.String	
C#	
[C1DescriptionAttribute("Sets or retrieves the default cell value for a column.")] [System.Xml.Serialization.XmlAttributeAttribute()] [System.ComponentModel.DefaultValueAttribute()] public System.string DefaultValue {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *DropDown Property*

Gets or sets a user defined object associated with this column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.DropDownTypeEditor, C1.Win.C1TrueDBGrid.4,  
Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")>  
<C1DescriptionAttribute("Gets or sets a user defined object associated with this  
column.")>  
Public Property DropDown As C1TrueDBDropdown
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.DropDownTypeEditor, C1.Win.C1TrueDBGrid.4,  
Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")]  
[C1DescriptionAttribute("Gets or sets a user defined object associated with this  
column.")]  
public C1TrueDBDropdown DropDown {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *EditMask Property*

Gets or sets the edit mask for a column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves the input edit mask for a column.")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Design.C1InputMaskUITypeEditor, C1.Win.C1TrueDBGrid.4,
    Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")>
Public Property EditMask As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves the input edit mask for a column.")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Design.C1InputMaskUITypeEditor, C1.Win.C1TrueDBGrid.4,
    Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")]
public System.string EditMask {get; set;}
```

## Remarks

The [EditMask](#) property allows an input mask to be specified for automatic input formatting and validation. The mask syntax is similar to the one used by Microsoft Access. Setting the input mask for a column will prevent the user from entering any information in the cell that is not in the format of the [EditMask](#) string.

The [EditMask](#) must be a string composed of the following symbols:

### Wildcards

0	Digit.
9	Digit or space.
#	Digit or sign.
L	Letter.
?	Letter or space.
A	Letter or digit.
a	Letter, digit or space.
&	Any character.

### Localized characters

.	Localized decimal separator.
,	Localized thousand separator.
:	Localized time separator.
/	Localized date separator.

### Command characters

\	Next character is taken as a literal.
---	---------------------------------------

>	Translate letters to uppercase.
<	Translate letters to lowercase.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *EditMaskUpdate Property*

Gets or sets a value indicating whether literal characters in the edit mask are stored to the underlying data source.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves how literal characters in edit mask
are updated to the underlying data source.")>
Public Property EditMaskUpdate As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves how literal characters in edit mask
are updated to the underlying data source.")]
public System.bool EditMaskUpdate {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *Editor Property*

Gets or sets the editor that is used to edit cell data.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Sets the editor that is used to edit cell data.")>  
<System.ComponentModel.BrowsableAttribute(False)>  
Public Property Editor As System.Windows.Forms.Control
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Sets the editor that is used to edit cell data.")]  
[System.ComponentModel.BrowsableAttribute(false)]  
public System.Windows.Forms.Control Editor {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *EnableDateTimeEditor Property*

Gets or sets a value indicating whether a DateTime picker is used to edit this column.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether a DateTime
picker is used to edit this column.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property EnableDateTimeEditor As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether a DateTime
picker is used to edit this column.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.bool EnableDateTimeEditor {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *FilterApplyText Property*

Gets or sets the text of Apply button in the filter drop-down list when the FilterMultiSelect property is True.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets the text of Apply button in the filter
drop-down list when the FilterMultiSelect property is True.")>
Public Property FilterApplyText As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets the text of Apply button in the filter
drop-down list when the FilterMultiSelect property is True.")]
public System.string FilterApplyText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*filterButtonPicIdx Property*

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
<System.ComponentModel.DefaultValueAttribute()>
Protected Property filterButtonPicIdx As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)]
[System.ComponentModel.DefaultValueAttribute()]
protected System.int filterButtonPicIdx {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *FilterButtonPicture Property*

Gets or sets the image shown as the column's filter button.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Gets or sets the image shown as the column's filter  
button.")>  
Public Property FilterButtonPicture As System.Drawing.Image
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]  
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Gets or sets the image shown as the column's filter  
button.")]  
public System.Drawing.Image FilterButtonPicture {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *FilterCancelText Property*

Gets or sets the text of Cancel button in the filter drop-down list when the FilterMultiSelect property is True.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the text of Cancel button in the filter  
drop-down list when the FilterMultiSelect property is True.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property FilterCancelText As System.String
```

### C#

```
[C1DescriptionAttribute("Gets or sets the text of Cancel button in the filter  
drop-down list when the FilterMultiSelect property is True.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.string FilterCancelText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [C1 DataColumn Class](#)

### [C1 DataColumn Members](#)

#### *FilterClearText Property*

Gets or sets the text of Clear button in the filter drop-down list when the FilterMultiSelect property is True.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the text of Clear button in the filter  
drop-down list when the FilterMultiSelect property is True.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property FilterClearText As System.String
```

### C#

```
[C1DescriptionAttribute("Gets or sets the text of Clear button in the filter  
drop-down list when the FilterMultiSelect property is True.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.string FilterClearText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1 DataColumn Class](#)

#### [C1 DataColumn Members](#)

#### *FilterDropdown Property*

Gets or sets a value indicating whether a drop-down list is displayed in the filter cell that lists all the values of the field.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether a drop-down
list is displayed in the filter cell that lists all the values of the field.")>
Public Property FilterDropdown As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether a drop-down
list is displayed in the filter cell that lists all the values of the field.")]
public System.bool FilterDropdown {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

*FilterDropdownText Property*

Gets or sets the value indicating All when the FilterDropdown property is True.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the value indicating All when the
FilterDropdown property is True.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property FilterDropdownText As System.String
```

C#

```
[C1DescriptionAttribute("Gets or sets the value indicating All when the
FilterDropdown property is True.")]
```

```
[System.ComponentModel.DefaultValueAttribute()]  
public System.string FilterDropdownText {get; set;}
```

## Property Value

The filter dropdown text.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

#### *FilterEscape Property*

Gets or sets the characters that should be ignored when applying the filter criteria to the datasource.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the characters that should be ignored when  
applying the filter criteria to the datasource.")>  
<System.ComponentModel.DefaultValueAttribute()>  
<System.Xml.Serialization.XmlAttributeAttribute()>  
Public Property FilterEscape As System.String
```

### C#

```
[C1DescriptionAttribute("Gets or sets the characters that should be ignored when  
applying the filter criteria to the datasource.")]  
[System.ComponentModel.DefaultValueAttribute()]  
[System.Xml.Serialization.XmlAttributeAttribute()]  
public System.string FilterEscape {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*FilterKeys Property*

Gets or sets the key used to initiate the filtering operation as the user types in the filterbar.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the key used to initiate the
filtering operation as the user types in the filterbar.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property FilterKeys As System.Windows.Forms.Keys
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the key used to initiate the
filtering operation as the user types in the filterbar.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.Windows.Forms.Keys FilterKeys {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *FilterMultiSelect Property*

Gets or sets a value indicating whether multiple values can be selected in the filter drop-down list.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets a value indicating whether multiple values  
can be selected in the filter drop-down list.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property FilterMultiSelect As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Gets or sets a value indicating whether multiple values  
can be selected in the filter drop-down list.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool FilterMultiSelect {get; set;}
```

## Remarks

If FilterMultiSelect is true then the user is able to enter several values using comma separator.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *FilterOperator Property*

Gets or sets the operator that is used for a filter expression.

## Syntax

### Visual Basic (Declaration)

```

<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the operator that is used for a
filter expression.")>
Public Property FilterOperator As System.String

```

C#	
----	--

```

[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the operator that is used for a
filter expression.")]
```

```

public System.string FilterOperator {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

#### *FilterSeparator Property*

Gets or sets a character used to separate values in the filter drop-down list when multiple values are selected.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Gets or sets a character used to separate values in the
filter drop-down list when multiple values are selected.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property FilterSeparator As System.Char

```

### C#

```
[C1DescriptionAttribute("Gets or sets a character used to separate values in the
```

```
filter drop-down list when multiple values are selected."")]
[System.ComponentModel.DefaultValueAttribute()]
public System.Char FilterSeparator {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*FilterText Property*

Gets or sets the data associated with the value of the filter for a column.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the data associated with the value of
the filter for a column.")>
Public Property FilterText As System.String
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the data associated with the value of
the filter for a column.")]
public System.String FilterText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *FilterWatermark Property*

Specifies the text that is rendered in an empty cell in the Filterbar.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Specifies the text that is rendered in an empty cell in
the Filterbar.")>
Public Property FilterWatermark As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Specifies the text that is rendered in an empty cell in
the Filterbar.")]
public System.string FilterWatermark {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *FooterText Property*

Gets or sets the text displayed in the column footer.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves the text displayed in the footer.")>
Public Property FooterText As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves the text displayed in the footer.")]
public System.string FooterText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*GroupInfo Property*

Gets or sets the [GroupInfo](#) associated with this column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the GroupInfo associated with this column.")>
Public Property GroupInfo As GroupInfo
```

C#

```
[C1DescriptionAttribute("Returns the GroupInfo associated with this column.")]
public GroupInfo GroupInfo {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*ImeMode Property*

Specifies the ImeMode used to edit this column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Specifies the ImeMode used to edit this column.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property ImeMode As System.Windows.Forms.ImeMode
```

C#

```
[C1DescriptionAttribute("Specifies the ImeMode used to edit this column.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.Windows.Forms.ImeMode ImeMode {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*Level Property*

Gets or sets the level of this column in a hierarchical data source.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Specifies the level in a hierarchical datasource.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property Level As System.Integer
```

C#

```
[C1DescriptionAttribute("Specifies the level in a hierarchical datasource.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)]
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.int Level {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

*NumberFormat Property*

Gets or sets the formatting string for a column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
```

```

<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Util.NumberFormatTypeEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
<C1DescriptionAttribute("Gets or sets the formatting string for a column.")>
Public Property NumberFormat As System.String

```

C#

```

[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Util.NumberFormatTypeEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[C1DescriptionAttribute("Gets or sets the formatting string for a column.")]
public System.string NumberFormat {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)  
[C1DataColumn Members](#)

#### *SortDirection Property*

Gets or sets the state of the sorting glyph in the column caption bar.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Gets or sets the state of the sorting glyph in the
column caption bar.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property SortDirection As SortDirEnum
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Gets or sets the state of the sorting glyph in the
column caption bar.")]
[System.ComponentModel.DefaultValueAttribute()]
public SortDirEnum SortDirection {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)  
[C1 DataColumn Members](#)

#### *Tag Property*

Gets or sets a user defined objects associated with this column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Tag As System.Object
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
```

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public System.Object Tag {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *Text Property*

Gets or sets the display value for the current cell.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves the display contents of the current cell.")>
Public Property Text As System.String
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the display contents of the current cell.")]
public System.String Text {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

#### *Value Property*

Gets or sets the value of the current cell.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Sets or retrieves the value of the current cell.")>  
<System.ComponentModel.BrowsableAttribute(False)>  
Public Property Value As System.Object
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Sets or retrieves the value of the current cell.")]  
[System.ComponentModel.BrowsableAttribute(false)]  
public System.object Value {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumn Class](#)

[C1DataColumn Members](#)

### *ValueItems Property*

Gets the [ValueItems](#) object for this column.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.NotifyParentPropertyAttribute(True)>
<C1DescriptionAttribute("Returns a ValueItems object for a column.")>
Public Property ValueItems As ValueItems
```

### C#

```
[System.ComponentModel.NotifyParentPropertyAttribute(true)]
[C1DescriptionAttribute("Returns a ValueItems object for a column.")]
public ValueItems ValueItems {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumn Class](#)

[C1 DataColumn Members](#)

[C1 DataColumnCollection](#)

Contains a collection of [C1 DataColumn](#) objects.

## Object Model

[C1 DataColumnCollection](#)

## Syntax

### Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
```

```

<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridColumnEditor,
C1.Win.C1TrueDBGrid.4.Design")>
Public Class C1DataColumnCollection
    Inherits System.Collections.CollectionBase

```

C#	
----	--

```

[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridColumnEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class C1DataColumnCollection : System.Collections.CollectionBase

```

## Inheritance Hierarchy

```

System.Object
  System.Collections.CollectionBase
C1.Win.C1TrueDBGrid.C1DataColumnCollection
  C1.Win.C1TrueDBGrid.GroupedColumnCollection
  C1.Win.C1TrueDBGrid.SelectedColumnCollection

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Overview

Contains a collection of [C1DataColumn](#) objects.

## Object Model

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridColumnEditor,
    C1.Win.C1TrueDBGrid.4.Design")>
Public Class C1DataColumnCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridColumnEditor,
    C1.Win.C1TrueDBGrid.4.Design")]
public class C1DataColumnCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

```
System.Object
  System.Collections.CollectionBase
    C1.Win.C1TrueDBGrid.C1DataColumnCollection
      C1.Win.C1TrueDBGrid.GroupedColumnCollection
      C1.Win.C1TrueDBGrid.SelectedColumnCollection
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumnCollection Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1 DataColumnCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified C1 DataColumn from the collection at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Add</a>	Adds a C1 DataColumn to the end of the collection.
	<a href="#">Clear</a>	Removes all elements from the collection.

 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">IndexOf</a>	Overloaded. Gets the index of the specified <a href="#">C1 DataColumn</a> .
 <a href="#">Insert</a>	Inserts a <a href="#">C1 DataColumn</a> at the specified index.
 <a href="#">RemoveAt</a>	Removes the <a href="#">C1 DataColumn</a> at the specified index.

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## Protected Methods

	Name	Description
 <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsert</a>	Overridden.	
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)	

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## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Methods*

>

Name	Description
= <a href="#">Add</a>	Adds a C1 DataColumn to the end of the collection.
= <a href="#">Clear</a>	Removes all elements from the collection.
= <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">IndexOf</a>	Overloaded. Gets the index of the specified <a href="#">C1 DataColumn</a> .
= <a href="#">Insert</a>	Inserts a <a href="#">C1 DataColumn</a> at the specified index.
= <a href="#">RemoveAt</a>	Removes the C1 DataColumn at the specified index.

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## Protected Methods

Name	Description
= <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnInsert</a>	Overridden.
= <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
= <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Add Method

The C1 DataColumn to add.

Adds a C1 DataColumn to the end of the collection.

## Syntax

Visual Basic (Declaration)

```
Public Overridable Function Add( _
    ByVal dc As C1DataColumn _ 
) As System.Integer
```

C#

```
public virtual System.int Add(
    C1DataColumn dc
)
```

### Parameters

*dc*

The C1 DataColumn to add.

### Return Value

The index at which the C1 DataColumn has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)  
[C1DataColumnCollection Members](#)

*Clear Method*

Removes all elements from the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Shadows Sub Clear()</pre>	
C#	
<pre>public new void Clear()</pre>	

<pre>Public Shadows Sub Clear()</pre>	
C#	
<pre>public new void Clear()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)  
[C1DataColumnCollection Members](#)

*IndexOf Method*

Gets the index of the specified [C1DataColumn](#).

## Overload List

Overload	Description
<a href="#">IndexOf(C1DataColumn)</a>	Gets the index of the specified <a href="#">C1DataColumn</a> .
<a href="#">IndexOf(String)</a>	Gets the index of a <a href="#">C1DataColumn</a> with the specified DataField.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)

[C1DataColumnCollection Members](#)

[IndexOf\(C1DataColumn\) Method](#)

Gets the index of the specified [C1DataColumn](#).

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function IndexOf( _
    ByVal dc As C1DataColumn _ 
) As System.Integer
```

C#

```
public System.int IndexOf(
    C1DataColumn dc
)
```

### Parameters

*dc*

### Return Value

The index of the the [C1DataColumn](#).

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1 DataColumnCollection Members](#)  
[Overload List](#)

[IndexOf\(String\) Method](#)

Gets the index of a [C1 DataColumn](#) with the specified DataField.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function IndexOf( _
    ByVal dataField As System.String _
) As System.Integer
```

C#

```
public System.int IndexOf(
    System.string dataField
)
```

### Parameters

*dataField*

### Return Value

The index of the the [C1 DataColumn](#).

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1 DataColumnCollection Members](#)  
[Overload List](#)

*Insert Method*

The zero-based index at which the [C1 DataColumn](#) should be inserted.

The C1 DataColumn to insert.

Inserts a C1 DataColumn at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Overridable Sub Insert( _
    ByVal index As System.Integer, _
    ByVal dc As C1DataColumn _)
)
```

C#

```
public virtual void Insert(
    System.int index,
    C1DataColumn dc
)
```

### Parameters

*index*

The zero-based index at which the C1 DataColumn should be inserted.

*dc*

The C1 DataColumn to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)

[C1DataColumnCollection Members](#)

*OnInsert Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnInsert( _
    ByVal index As System.Integer, _
    ByVal value As System.Object _
)
```

C#

```
protected override void OnInsert(
    System.int index,
    System.object value
)
```

## Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)

[C1DataColumnCollection Members](#)

*RemoveAt Method*

The zero-based index of the row to remove.

Removes the C1DataColumn at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Shadows Sub RemoveAt( _
    ByVal index As System.Integer _
```

)	
C#	
<pre>public new void RemoveAt(     System.int index )</pre>	

## Parameters

*index*

The zero-based index of the row to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumnCollection Class](#)

[C1 DataColumnCollection Members](#)

### Properties

For a list of all members of this type, see [C1 DataColumnCollection members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified C1 DataColumn from the collection at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Item Property*

Gets the specified C1 DataColumn from the collection at the specified index.

## Overload List

Overload	Description
<a href="#">Item(Int32)</a>	Gets the specified C1 DataColumn from the collection at the specified index.
<a href="#">Item(String)</a>	Gets the specified C1 DataColumn from the collection with the specified name.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1 DataColumnCollection Class](#)  
[C1 DataColumnCollection Members](#)

## Item(Int32) Property

Gets the specified C1 DataColumn from the collection at the specified index.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads Property Item( _
    ByVal index As System.Integer _
) As C1DataColumn
```

### C#

```
public C1DataColumn Item(
    System.int index
) {get; set;}
```

## Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)

[C1DataColumnCollection Members](#)

[Overload List](#)

## Item(String) Property

Gets the specified C1 DataColumn from the collection with the specified name.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads ReadOnly Property Item( _
```

```
    ByVal name As System.String _  
) As C1DataColumn
```

C#

```
public C1DataColumn Item(  
    System.string name  
) {get;}
```

## Parameters

*name*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DataColumnCollection Class](#)  
[C1DataColumnCollection Members](#)  
[Overload List](#)

[C1DisplayColumn](#)

Represents the columns in a split.

## Object Model

[C1DisplayColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableO  
bjectConverter, System, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b77a5c561934e089")>  
Public Class C1DisplayColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
public class C1DisplayColumn
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.C1DisplayColumn](#)

[C1.Win.C1TrueDBGrid.C1DropDisplayColumn](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents the columns in a split.

## Object Model

[C1DisplayColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
Public Class C1DisplayColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
public class C1DisplayColumn
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.C1DisplayColumn](#)

[C1.Win.C1TrueDBGrid.C1DropDisplayColumn](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1DisplayColumn](#).

## Public Properties

	Name	Description
	<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus.
	<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed.
	<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the dropdown auto fills the edit portion with the matched entry.

 <a href="#">AutoDropDown</a>	Gets or sets a value indicating whether the dropdown opens automatically when a key is typed.
 <a href="#">Button</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column.
 <a href="#">ButtonAlways</a>	Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus.
 <a href="#">ButtonFooter</a>	Gets or sets a value indicating whether a column footer will act like a button.
 <a href="#">ButtonHeader</a>	Gets or sets a value indicating whether a column header will act like a button.
 <a href="#">ButtonText</a>	Gets or sets a value indicating whether cells in this column look like buttons.
 <a href="#">CellTop</a>	Gets the vertical offset of the top of the cell for the current row.
 <a href="#">ColumnDivider</a>	Gets or sets the style of the border drawn between columns.
 <a href="#">DataColumn</a>	Gets the associated <a href="#">C1 DataColumn</a> associated with this object.
 <a href="#">DropDownList</a>	Gets or sets a value indicating whether the dropdown acts like a dropdown list (text portion is not editable).
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> used for the cell editor.
 <a href="#">FetchStyle</a>	Gets or sets a value indicating whether the FetchCellStyle event will be raised for a column.
 <a href="#">FilterButton</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column.

 <a href="#">FooterDivider</a>	Gets or sets a value indicating whether to display the column divider in the footer area.
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">Frozen</a>	Gets or sets a value indicating whether this <a href="#">C1DisplayColumn</a> is frozen.
 <a href="#">GroupFooterStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row.
 <a href="#">GroupHeaderStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped header row.
 <a href="#">HeaderDivider</a>	Gets or sets a value indicating whether to display the column divider in the header area.
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers.
 <a href="#">Height</a>	Gets or sets the height of the column.
 <a href="#">Locked</a>	Gets or sets a value indicating whether editing is permitted in a column.
 <a href="#">Merge</a>	Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell.
 <a href="#">MinWidth</a>	Gets or sets the minimum width a column can be resized to when in <a href="#">C1TrueDBGrid.SpringMode</a> .
 <a href="#">Name</a>	Gets the caption of the associated <a href="#">C1 DataColumn</a> objects.
 <a href="#">OwnerDraw</a>	Gets or sets a value indicating whether cells in this column are drawn by the user in the <a href="#">OwnerDrawCell</a> event.
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> for this column.
 <a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column.

 <a href="#">Width</a>	Gets or sets the width of a column.
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## Protected Properties

	Name	Description
 <a href="#">DCIdx</a>		

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## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
 <a href="#">AddRegexCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
 <a href="#">AutoSize</a>		Adjusts the width of a column to accommodate the longest visible field within that column.
 <a href="#">ClearCellStyle</a>		Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
 <a href="#">ClearRegexCellStyle</a>		Overloaded. Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
 <a href="#">Dispose</a>		Overloaded. Releases the resources used by the component.
 <a href="#">GetFilterExpression</a>		
 <a href="#">ToString</a>		Returns a <b>System.String</b> that represents the current <b>System.Object</b> .

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## Protected Methods

	Name	Description
 <a href="#">OnChanged</a>		

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## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Methods

For a list of all members of this type, see [C1DisplayColumn members](#).

## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
 <a href="#">AddRegexCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
 <a href="#">AutoSize</a>		Adjusts the width of a column to accommodate the longest visible field within that column.
 <a href="#">ClearCellStyle</a>		Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
 <a href="#">ClearRegexCellStyle</a>		Overloaded. Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
 <a href="#">Dispose</a>		Overloaded. Releases the resources used by the component.

 <a href="#">GetFilterExpression</a>	
 <a href="#">ToString</a>	Returns a <b>System.String</b> that represents the current <b>System.Object</b> .

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## Protected Methods

	Name	Description
 <a href="#">OnChanged</a>		

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## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *AddCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

Controls the [Style](#) used to change the appearance for cells meeting the specified condition.

## Syntax

Visual Basic (Declaration)

```
Public Sub AddCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style _
)
```

C#

```
public void AddCellStyle(
    CellStyleFlag condition,
    Style style
```

)

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*AddRegexCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

A regular expression string.

Controls the [Style](#) used to change the appearance of cells according to their contents.

## Syntax

Visual Basic (Declaration)

```
Public Sub AddRegexCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style, _
    ByVal regex As System.String _
)
```

C#

```
public void AddRegexCellStyle(  
    CellStyleFlag condition,  
    Style style,  
    System.string regex  
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*AutoSize Method*

Adjusts the width of a column to accommodate the longest visible field within that column.

## Syntax

Visual Basic (Declaration)

```
Public Sub AutoSize()
```

C#

```
public void AutoSize()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*ClearCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddCellStyle](#) method.

## Syntax

Visual Basic (Declaration)

```
Public Sub ClearCellStyle( _
    ByVal condition As CellStyleFlag _
)
```

C#

```
public void ClearCellStyle(
    CellStyleFlag condition
)
```

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

#### *ClearRegexCellStyle Method*

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Overload List

Overload	Description
<a href="#">ClearRegexCellStyle(CellStyleFlag)</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
<a href="#">ClearRegexCellStyle(CellStyleFlag, String)</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

#### *ClearRegexCellStyle(CellStyleFlag) Method*

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overloads Sub ClearRegexCellStyle( _
    ByVal condition As CellStyleFlag _ 
)
```

C#

```
public void ClearRegexCellStyle(
    CellStyleFlag condition
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

[Overload List](#)

[ClearRegexCellStyle\(CellStyleFlag, String\) Method](#)

Combination of one or more [CellStyleFlag](#) enumerations.

A regular expression string.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub ClearRegexCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal regex As System.String _
```

)	
C#	
<pre>public void ClearRegexCellStyle(     CellStyleFlag condition,     System.string regex )</pre>	

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)  
[Overload List](#)

*Dispose Method*

Releases the resources used by the component.

## Overload List

Overload	Description
<a href="#">Dispose()</a>	Releases the resources used by the component.
<a href="#">Dispose(Boolean)</a>	Releases the resources used by the component.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

`Dispose()` Method

Releases the resources used by the component.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Dispose()
```

C#

```
public void Dispose()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)  
[Overload List](#)

`Dispose(Boolean)` Method

Releases the resources used by the component.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overridable Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
public virtual void Dispose(
    System.bool disposing
)
```

## Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

[Overload List](#)

*GetFilterExpression Method*

## Syntax

Visual Basic (Declaration)

```
Public Function GetFilterExpression() As System.String
```

C#

```
public System.string GetFilterExpression()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*OnChanged Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnChanged( _
    ByVal what As C1DisplayColumn.ColumnChangedEnum _
)
```

C#

```
protected virtual void OnChanged(
    C1DisplayColumn.ColumnChangedEnum what
)
```

### Parameters

*what*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *ToString Method*

Returns a **System.String** that represents the current **System.Object**.

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

### Return Value

A **System.String** that represents the current **System.Object**.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

### *Properties*

For a list of all members of this type, see [C1DisplayColumn members](#).

## Public Properties

	Name	Description
	<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus.
	<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed.
	<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the dropdown auto fills the edit

		portion with the matched entry.
 <a href="#">AutoDropDown</a>		Gets or sets a value indicating whether the dropdown opens automatically when a key is typed.
 <a href="#">Button</a>		Gets or sets a value indicating whether a dropdown button will be displayed in this column.
 <a href="#">ButtonAlways</a>		Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus.
 <a href="#">ButtonFooter</a>		Gets or sets a value indicating whether a column footer will act like a button.
 <a href="#">ButtonHeader</a>		Gets or sets a value indicating whether a column header will act like a button.
 <a href="#">ButtonText</a>		Gets or sets a value indicating whether cells in this column look like buttons.
 <a href="#">CellTop</a>		Gets the vertical offset of the top of the cell for the current row.
 <a href="#">ColumnDivider</a>		Gets or sets the style of the border drawn between columns.
 <a href="#"> DataColumn</a>		Gets the associated <a href="#">C1 DataColumn</a> associated with this object.
 <a href="#"> DropDownList</a>		Gets or sets a value indicating whether the dropdown acts like a dropdown list (text portion is not editable).
 <a href="#">EditorStyle</a>		Gets or sets the <a href="#">Style</a> used for the cell editor.
 <a href="#">FetchStyle</a>		Gets or sets a value indicating whether the FetchCellStyle event will be raised for a column.
 <a href="#">FilterButton</a>		Gets or sets a value indicating whether a dropdown button will be displayed

		in this column.
 <a href="#">FooterDivider</a>		Gets or sets a value indicating whether to display the column divider in the footer area.
 <a href="#">FooterStyle</a>		Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">Frozen</a>		Gets or sets a value indicating whether this <a href="#">C1DisplayColumn</a> is frozen.
 <a href="#">GroupFooterStyle</a>		Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row.
 <a href="#">GroupHeaderStyle</a>		Gets or sets the <a href="#">Style</a> used to render the cell in the grouped header row.
 <a href="#">HeaderDivider</a>		Gets or sets a value indicating whether to display the column divider in the header area.
 <a href="#">HeadingStyle</a>		Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers.
 <a href="#">Height</a>		Gets or sets the height of the column.
 <a href="#">Locked</a>		Gets or sets a value indicating whether editing is permitted in a column.
 <a href="#">Merge</a>		Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell.
 <a href="#">MinWidth</a>		Gets or sets the minimum width a column can be resized to when in <a href="#">C1TrueDBGrid.SpringMode</a> .
 <a href="#">Name</a>		Gets the caption of the associated <a href="#">C1 DataColumn</a> objects.
 <a href="#">OwnerDraw</a>		Gets or sets a value indicating whether cells in this column are drawn by the user in the <a href="#">OwnerDrawCell</a> event.
 <a href="#">Style</a>		Gets or sets the root <a href="#">Style</a> for this column.

 <a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column.
 <a href="#">Width</a>	Gets or sets the width of a column.

[Top](#)

## Protected Properties

	Name	Description
 <a href="#">DCIdx</a>		

[Top](#)

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *AllowFocus Property*

Gets or sets a value indicating the ability of a column to receive focus.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Sets or retrieves the ability of a column to receive focus.")> <System.ComponentModel.DefaultValueAttribute()> Public Property AllowFocus As System.Boolean	
C#	
[C1DescriptionAttribute("Sets or retrieves the ability of a column to receive focus.")] [System.ComponentModel.DefaultValueAttribute()] public System.bool AllowFocus {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*AllowSizing Property*

Gets or sets a value indicating whether column resizing is allowed.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves interactive column resizing.")>
Public Property AllowSizing As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves interactive column resizing.")]
public System.bool AllowSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*AutoComplete Property*

Gets or sets a value indicating whether the dropdown auto fills the edit portion with the matched entry.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether the dropdown auto fills the  
edit cell with the matched entry.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property AutoComplete As System.Boolean
```

C#

```
[C1DescriptionAttribute("Sets or retrieves whether the dropdown auto fills the  
edit cell with the matched entry.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool AutoComplete {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *AutoDropDown Property*

Gets or sets a value indicating whether the dropdown opens automatically when a key is typed.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>  
<C1DescriptionAttribute("Sets or retrieves whether the dropdown opens  
automatically when a key is typed.")>  
Public Property AutoDropDown As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether the dropdown opens
automatically when a key is typed.")]
public System.bool AutoDropDown {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *Button Property*

Gets or sets a value indicating whether a dropdown button will be displayed in this column.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()
<C1DescriptionAttribute("Sets or retrieves whether a dropdown button will be
displayed in this column.")>
Public Property Button As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether a dropdown button will be
displayed in this column.")]
public System.bool Button {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*ButtonAlways Property*

Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves if buttons are displayed for all
cells in column.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property ButtonAlways As System.Boolean
```

C#

```
[C1DescriptionAttribute("Sets or retrieves if buttons are displayed for all
cells in column.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool ButtonAlways {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*ButtonFooter Property*

Gets or sets a value indicating whether a column footer will act like a button.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Controls whether a column footer will act like a  
standard button.")>
```

```
<System.ComponentModel.DefaultValueAttribute()>  
Public Property ButtonFooter As System.Boolean
```

C#	
----	--

```
[C1DescriptionAttribute("Controls whether a column footer will act like a  
standard button.")]
```

```
[System.ComponentModel.DefaultValueAttribute()]
```

```
public System.bool ButtonFooter {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*ButtonHeader Property*

Gets or sets a value indicating whether a column header will act like a button.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Controls whether a column header will act like a  
standard button.")>
```

```
<System.ComponentModel.DefaultValueAttribute()>  
Public Property ButtonHeader As System.Boolean
```

C#	
----	--

```
[C1DescriptionAttribute("Controls whether a column header will act like a  
standard button.")]
```

```
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool ButtonHeader {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *ButtonText Property*

Gets or sets a value indicating whether cells in this column look like buttons.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute("Sets or retrieves whether cells in this column look like buttons.")> Public Property ButtonText As System.Boolean	
C#	
[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Sets or retrieves whether cells in this column look like buttons.")] public System.bool ButtonText {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *CellTop Property*

Gets the vertical offset of the top of the cell for the current row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the vertical offset of the top of the cell for  
the current row.")>  
<System.ComponentModel.BrowsableAttribute(False)>  
Public ReadOnly Property CellTop As System.Integer
```

C#

```
[C1DescriptionAttribute("Returns the vertical offset of the top of the cell for  
the current row.")]  
[System.ComponentModel.BrowsableAttribute(false)]  
public System.int CellTop {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *ColumnDivider Property*

Gets or sets the style of the border drawn between columns.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the style of the border drawn between  
columns.")>
```

```
Public Property ColumnDivider As GridLines
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the style of the border drawn between  
columns.")]
```

```
public GridLines ColumnDivider {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*DataColumn Property*

Gets the associated [C1DataColumn](#) associated with this object.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>  
<C1DescriptionAttribute("Returns the C1DataColumn associated with this  
column.")>  
Public ReadOnly Property DataColumn As C1DataColumn
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]  
[C1DescriptionAttribute("Returns the C1DataColumn associated with this  
column.")]  
public C1DataColumn DataColumn {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*DCIdx Property*

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Visible)>  
Protected Overridable Property DCIdx As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Visible)]  
protected virtual System.int DCIdx {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*DropDownList Property*

Gets or sets a value indicating whether the dropdown acts like a dropdown list (text portion is not editable).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether dropdown acts like a dropdown  
list (text portion is not editable).")>
```

```
<System.ComponentModel.DefaultValueAttribute()>  
Public Property DropDownList As System.Boolean
```

C#

```
[C1DescriptionAttribute("Sets or retrieves whether dropdown acts like a dropdown  
list (text portion is not editable).")]
```

```
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool DropDownList {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*EditorStyle Property*

Gets or sets the [Style](#) used for the cell editor.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the style used for the editor.")>
```

```
Public Property EditorStyle As Style
```

C#

```
[C1DescriptionAttribute("Returns the style used for the editor.")]
```

```
public Style EditorStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *FetchStyle Property*

Gets or sets a value indicating whether the FetchCellStyle event will be raised for a column.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()>	
<C1DescriptionAttribute("Sets or retrieves whether the FetchCellStyle event will be raised for a column.")>	
Public Property FetchStyle As System.Boolean	
C#	
[System.ComponentModel.DefaultValueAttribute()]	
[C1DescriptionAttribute("Sets or retrieves whether the FetchCellStyle event will be raised for a column.")]	
public System.bool FetchStyle {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *FilterButton Property*

Gets or sets a value indicating whether a dropdown button will be displayed in this column.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether a button will be displayed  
for the filter column.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property FilterButton As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves whether a button will be displayed  
for the filter column.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool FilterButton {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

### *FooterDivider Property*

Gets or sets a value indicating whether to display the column divider in the footer area.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>  
<C1DescriptionAttribute("Sets or retrieves whether to display the divider for  
this column in the footer area.")>
```

```
Public Property FooterDivider As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether to display the divider for
this column in the footer area.")]
public System.bool FooterDivider {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

### *FooterStyle Property*

Gets or sets the [Style](#) object that controls the appearance of column footers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the style used to render the column footer.")>
Public Property FooterStyle As Style
```

C#

```
[C1DescriptionAttribute("Returns the style used to render the column footer.")]
public Style FooterStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *Frozen Property*

Gets or sets a value indicating whether this [C1DisplayColumn](#) is frozen.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether the column
scrolls.")>
Public Property Frozen As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether the column
scrolls.")]
public System.bool Frozen {get; set;}
```

### Property Value

true if frozen; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *GroupFooterStyle Property*

Gets or sets the [Style](#) used to render the cell in the grouped footer row.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Returns the style used to render the cell in the grouped footer row.")> Public Property GroupFooterStyle As Style	
C#	
[C1DescriptionAttribute("Returns the style used to render the cell in the grouped footer row.")] public Style GroupFooterStyle {get; set;}	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*GroupHeaderStyle Property*

Gets or sets the [Style](#) used to render the cell in the grouped header row.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Returns the style used to render the cell in the grouped header row.")> Public Property GroupHeaderStyle As Style	
C#	
[C1DescriptionAttribute("Returns the style used to render the cell in the grouped header row.")]	

```
public Style GroupHeaderStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*HeaderDivider Property*

Gets or sets a value indicating whether to display the column divider in the header area.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves whether to display the divider for
this column in the header area.")>
Public Property HeaderDivider As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether to display the divider for
this column in the header area.")]
public System.bool HeaderDivider {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*HeadingStyle Property*

Gets or sets the [Style](#) that controls the appearance of the column headers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the style used to render the column header.")>
Public Property HeadingStyle As Style
```

C#

```
[C1DescriptionAttribute("Returns the style used to render the column header.")]
public Style HeadingStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*Height Property*

Gets or sets the height of the column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the height of a column.")>
Public Property Height As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the height of a column.")]
public System.int Height {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *Locked Property*

Gets or sets a value indicating whether editing is permitted in a column.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether editing is permitted in the
column.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property Locked As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves whether editing is permitted in the
column.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool Locked {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *Merge Property*

Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether contiguous like-valued cells  
of this column are merged into one large cell.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property Merge As ColumnMergeEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves whether contiguous like-valued cells  
of this column are merged into one large cell.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public ColumnMergeEnum Merge {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *MinWidth Property*

Gets or sets the minimum width a column can be resized to when in [C1TrueDBGrid.SpringMode](#).

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the minimum width a column can resize
to when in springmode.")>
```

```
Public Property MinWidth As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
```

```
[C1DescriptionAttribute("Sets or retrieves the minimum width a column can resize
to when in springmode.")]
```

```
public System.int MinWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

*Name Property*

Gets the caption of the associated [C1DataTable](#) objects.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Name As System.String
```

C#

```
public System.string Name {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

*OwnerDraw Property*

Gets or sets a value indicating whether cells in this column are drawn by the user in the OwnerDrawCell event.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether cells in this column are  
drawn by the user in the OwnerDrawCell event.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property OwnerDraw As System.Boolean
```

C#

```
[C1DescriptionAttribute("Sets or retrieves whether cells in this column are  
drawn by the user in the OwnerDrawCell event.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool OwnerDraw {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

### *Style Property*

Gets or sets the root [Style](#) for this column.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the style used to render a column.")>
Public Property Style As Style
```

### C#

```
[C1DescriptionAttribute("Returns the style used to render a column.")]
public Style Style {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)

[C1DisplayColumn Members](#)

### *Visible Property*

Gets or sets a value indicating the visibility of a column.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the columns visibility.")>
Public Property Visible As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the columns visibility.")]
```

```
public System.bool Visible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

#### *Width Property*

Gets or sets the width of a column.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute("Sets or retrieves the width of a column.")> Public Property Width As System.Integer	
C#	
[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Sets or retrieves the width of a column.")] public System.int Width {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumn Class](#)  
[C1DisplayColumn Members](#)

## C1DisplayColumnCollection

Represents a collection of [C1DisplayColumn](#) in a [Split](#).

## Object Model

C1DisplayColumnCollection

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.DisplayColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class C1DisplayColumnCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.DisplayColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")]
[System.Reflection.DefaultMemberAttribute("Item")]
public class C1DisplayColumnCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.C1DisplayColumnCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a collection of [C1DisplayColumn](#) in a [Split](#).

## Object Model

C1DisplayColumnCollection

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.DisplayColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class C1DisplayColumnCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.DisplayColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")]
[System.Reflection.DefaultMemberAttribute("Item")]
public class C1DisplayColumnCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.C1DisplayColumnCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1DisplayColumnCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified <a href="#">C1DisplayColumn</a> from the collection at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
=	<a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">IndexOf</a>	Overloaded. Gets the index of the <a href="#">C1DisplayColumn</a> .
=	<a href="#">Insert</a>	Inserts a <a href="#">C1DisplayColumn</a> at the specified index.
=	<a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
=	<a href="#">OnClear</a>	Overridden.
=	<a href="#">OnClearComplete</a>	Overridden.
=	<a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">OnRemove</a>	Overridden.
=	<a href="#">OnRemoveComplete</a>	Overridden.
=	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)

 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)
--	--

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## See Also

### Reference

[C1DisplayColumnCollection Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Methods

>

Name	Description
 <a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">IndexOf</a>	Overloaded. Gets the index of the <a href="#">C1DisplayColumn</a> .
 <a href="#">Insert</a>	Inserts a <a href="#">C1DisplayColumn</a> at the specified index.
 <a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

[Top](#)

## Protected Methods

Name	Description
 <a href="#">OnClear</a>	Overridden.
 <a href="#">OnClearComplete</a>	Overridden.
 <a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemove</a>	Overridden.
 <a href="#">OnRemoveComplete</a>	Overridden.

 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*IndexOf Method*

Gets the index of the [C1DisplayColumn](#).

## Overload List

Overload	Description
<a href="#">IndexOf(C1DisplayColumn)</a>	Gets the index of the <a href="#">C1DisplayColumn</a> .
<a href="#">IndexOf(C1DataColumn)</a>	Gets the index of the <a href="#">C1DisplayColumn</a> specified by the <a href="#">C1DataColumn</a> .

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)

[IndexOf\(C1DisplayColumn\) Method](#)

Gets the index of the [C1DisplayColumn](#).

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overloads Function IndexOf( _
    ByVal vc As C1DisplayColumn _
) As System.Integer
```

C#	
----	--

```
public System.int IndexOf(
    C1DisplayColumn vc
)
```

### Parameters

vc

### Return Value

The index of the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)  
[Overload List](#)

[IndexOf\(C1DataColumn\) Method](#)

Gets the index of the [C1DisplayColumn](#) specified by the [C1DataColumn](#).

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overloads Function IndexOf( _
```

```
    ByVal dc As C1 DataColumn _  
) As System.Integer
```

C#

```
public System.int IndexOf(  
    C1 DataColumn dc  
)
```

## Parameters

*dc*

## Return Value

The index of the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)  
[Overload List](#)

#### *Insert Method*

The zero-based index at which the C1DisplayColumn should be inserted.

The C1 DataColumn to insert.

Inserts a C1DisplayColumn at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Sub Insert( _  
    ByVal index As System.Integer, _  
    ByVal vc As C1DisplayColumn _
```

```

)
C#
public void Insert(
    System.int index,
    C1DisplayColumn vc
)

```

## Parameters

*index*

The zero-based index at which the C1DisplayColumn should be inserted.

*vc*

The C1DataColumn to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)

*OnClear Method*

## Syntax

Visual Basic (Declaration)	
<b>Protected Overrides Sub OnClear()</b>	
C#	
<b>protected override void OnClear()</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)

*OnClearComplete Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnClearComplete()
```

C#

```
protected override void OnClearComplete()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)

*OnRemove Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnRemove( _
    ByVal index As System.Integer, _
    ByVal value As System.Object _
```

```
)  
C#  
  
protected override void OnRemove(  
    System.int index,  
    System.object value  
)
```

## Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)

*OnRemoveComplete Method*

## Syntax

Visual Basic (Declaration)	
<code>Protected Overrides Sub OnRemoveComplete( _     ByVal index As System.Integer, _     ByVal value As System.Object _ )</code>	

C#	
<code>protected override void OnRemoveComplete(     System.int index,     System.object value</code>	

)

## Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)

[C1DisplayColumnCollection Members](#)

### Properties

For a list of all members of this type, see [C1DisplayColumnCollection members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified <a href="#">C1DisplayColumn</a> from the collection at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)

 List	(Inherited from System.Collections.CollectionBase)
Top	

## See Also

### Reference

[C1DisplayColumnCollection Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Item Property*

Gets the specified [C1DisplayColumn](#) from the collection at the specified index.

## Overload List

Overload	Description
<a href="#">Item(Int32)</a>	Gets the specified <a href="#">C1DisplayColumn</a> from the collection at the specified index.
<a href="#">Item(C1 DataColumn)</a>	Gets the specified <a href="#">C1DisplayColumn</a> from the collection which contains the specified <a href="#">C1 DataColumn</a> .
<a href="#">Item(String)</a>	Gets the specified <a href="#">C1DisplayColumn</a> from the collection with the specified name.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)

[C1DisplayColumnCollection Members](#)

#### *Item(Int32) Property*

Gets the specified [C1DisplayColumn](#) from the collection at the specified index.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads ReadOnly Property Item( _     ByVal index As System.Integer _ ) As C1DisplayColumn</pre>	
C#	
<pre>public C1DisplayColumn Item(     System.int index ) {get;}</pre>	

### Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)  
[Overload List](#)

[Item\(C1DataColumn\) Property](#)

Gets the specified [C1DisplayColumn](#) from the collection which contains the specified [C1DataColumn](#).

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads ReadOnly Property Item( _     ByVal dc As C1DataColumn _ ) As C1DisplayColumn</pre>	

C#

```
public C1DisplayColumn Item(  
    C1 DataColumn dc  
) {get;}
```

#### Parameters

*dc*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)

[C1DisplayColumnCollection Members](#)

[Overload List](#)

[Item\(String\) Property](#)

Gets the specified [C1DisplayColumn](#) from the collection with the specified name.

## Syntax

Visual Basic (Declaration)

```
Public Overloads ReadOnly Property Item( _  
    ByVal name As System.String _  
) As C1DisplayColumn
```

C#

```
public C1DisplayColumn Item(  
    System.string name  
) {get;}
```

#### Parameters

*name*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DisplayColumnCollection Class](#)  
[C1DisplayColumnCollection Members](#)  
[Overload List](#)

[C1DropDataColumn](#)

## Object Model

[C1DropDataColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDataCol
    Converte, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
    PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class C1DropDataColumn
    Inherits C1DataColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDataCol
    Converte, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
    PublicKeyToken=75ae3fb0e2b1e0da")]
public class C1DropDataColumn : C1DataColumn
```

## Inheritance Hierarchy

System.Object

C1.Win.C1TrueDBGrid.C1DataColumn

**C1.Win.C1TrueDBGrid.C1DropDataColumn**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDataColumn Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

C1DropDataColumn

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDataCol
Converter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class C1DropDataColumn
    Inherits C1DataColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDataCol
Converter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class C1DropDataColumn : C1DataColumn
```

## Inheritance Hierarchy

```
System.Object
  C1.Win.C1TrueDBGrid.C1DataColumn
    C1.Win.C1TrueDBGrid.C1DropDataColumn
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDataColumn Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1DropDataColumn](#).

## Public Constructors

	Name	Description
	<a href="#">C1DropDataColumn Constructor</a>	Overloaded.

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## Public Properties

	Name	Description
	<a href="#">Aggregate</a>	Gets or sets the type of aggregate computed for a grouped row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
	<a href="#">ButtonPicture</a>	Gets or sets the image shown in a drop-down button in a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
	<a href="#">Caption</a>	Gets or sets the text in the column header. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
	<a href="#">DataChanged</a>	Gets or sets a value indicating whether data in this column has been modified. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )

 <a href="#">DataField</a>	Gets or sets the database field name for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">DataType</a>	Gets or sets the type of object stored for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">DataWidth</a>	Gets or sets the maximum number of characters which may be entered for cells in this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">DefaultValue</a>	Gets or sets the default value for a column when a new row is added by the grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">DropDown</a>	Gets or sets a user defined object associated with this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">EditMask</a>	Gets or sets the edit mask for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">EditMaskUpdate</a>	Gets or sets a value indicating whether literal characters in the edit mask are stored to the underlying data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">Editor</a>	Gets or sets the editor that is used to edit cell data. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">EnableDateTimeEditor</a>	Gets or sets a value indicating whether a DateTime picker is used to edit this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">FilterApplyText</a>	Gets or sets the text of Apply button in the filter drop-down list when the FilterMultiSelect property is True. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
 <a href="#">FilterButtonPicture</a>	Gets or sets the image shown as the column's filter button. (Inherited

		from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterCancelText</a>	Gets or sets the text of Cancel button in the filter drop-down list when the FilterMultiSelect property is True. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterClearText</a>	Gets or sets the text of Clear button in the filter drop-down list when the FilterMultiSelect property is True. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterDropdown</a>	Gets or sets a value indicating whether a drop-down list is displayed in the filter cell that lists all the values of the field. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterDropdownText</a>	Gets or sets the value indicating All when the FilterDropdown property is True. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterEscape</a>	Gets or sets the characters that should be ignored when applying the filter criteria to the datasource. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterKeys</a>	Gets or sets the key used to initiate the filtering operation as the user types in the filterbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterMultiSelect</a>	Gets or sets a value indicating whether multiple values can be selected in the filter drop-down list. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterOperator</a>	Gets or sets the operator that is used for a filter expression. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumn</a> )
	<a href="#">FilterSeparator</a>	Gets or sets a character used to separate values in the filter drop-down list when multiple values are selected. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">FilterText</a>		Gets or sets the data associated with the value of the filter for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">FilterWatermark</a>		Specifies the text that is rendered in an empty cell in the Filterbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">FooterText</a>		Gets or sets the text displayed in the column footer. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">GroupInfo</a>		Gets or sets the <a href="#">GroupInfo</a> associated with this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">ImeMode</a>		Specifies the ImeMode used to edit this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">Level</a>		Gets or sets the level of this column in a hierarchical data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">NumberFormat</a>		Gets or sets the formatting string for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">SortDirection</a>		Gets or sets the state of the sorting glyph in the column caption bar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">Tag</a>		Gets or sets a user defined objects associated with this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">Text</a>		Gets or sets the display value for the current cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
 <a href="#">Value</a>		Gets or sets the value of the current cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )

 <a href="#">ValueItems</a>	Gets the <a href="#">ValueItems</a> object for this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
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## Protected Properties

	Name	Description
 <a href="#">buttonPicIdx</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">buttonPicTag</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">filterButtonPicIdx</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	

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## Public Methods

	Name	Description
 <a href="#">CellText</a>	Gets the display value for a cell in a given row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">CellValue</a>	Gets the cell value for a given row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">Refetch</a>	Repopulate the entire grid from the data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">RefetchCell</a>	Overloaded. Repopulates the current cell from the data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">Refresh</a>	Invalidate the current column in all visible rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )	
 <a href="#">RefreshCell</a>	Overloaded. Invalidates the current cell. (Inherited from	

		<a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
=♡	<a href="#">ResetButtonPicture</a>	Resets ButtonPicture to its default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
=♡	<a href="#">ResetFilterButtonPicture</a>	Resets FilterButtonPicture to its default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )
=♡	<a href="#">ToString</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumn</a> )

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## See Also

### Reference

[C1DropDataColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*C1DropDataColumn Constructor*

### Overload List

Overload	Description
<a href="#">C1DropDataColumn Constructor(PropertyDescriptor,Frame)</a>	
<a href="#">C1DropDataColumn Constructor()</a>	

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDataColumn Class](#)  
[C1DropDataColumn Members](#)

*C1DropDataColumn Constructor(PropertyDescriptor,Frame)*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal p As System.ComponentModel.PropertyDescriptor, _     ByVal owner As Frame _ )</pre>	
C#	
<pre>public C1DropDataColumn(     System.ComponentModel.PropertyDescriptor p,     Frame owner )</pre>	

## Parameters

*p*

*owner*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDataColumn Class](#)  
[C1DropDataColumn Members](#)  
[Overload List](#)

*C1DropDataColumn Constructor()*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	

C#

```
public C1DropDataColumn()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDataColumn Class](#)

[C1DropDataColumn Members](#)

[Overload List](#)

[C1DropDisplayColumn](#)

## Object Model

[C1DropDisplayColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDisplay
ColConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class C1DropDisplayColumn
    Inherits C1DisplayColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDisplay
ColConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
```

```
public class C1DropDisplayColumn : C1DisplayColumn
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.C1DisplayColumn](#)

**C1.Win.C1TrueDBGrid.C1DropDisplayColumn**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDisplayColumn Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[C1DropDisplayColumn](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDisplay
ColConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class C1DropDisplayColumn
    Inherits C1DisplayColumn
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.C1DropDisplay
ColConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class C1DropDisplayColumn : C1DisplayColumn
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.C1DisplayColumn](#)

**C1.Win.C1TrueDBGrid.C1DropDisplayColumn**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDisplayColumn Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1DropDisplayColumn](#).

## Public Properties

	Name	Description
	<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the dropdown auto fills the edit portion with the matched entry. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AutoDropDown</a>	Gets or sets a value indicating whether the dropdown opens automatically when a key is typed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

 <a href="#">Button</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ButtonAlways</a>	Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ButtonFooter</a>	Gets or sets a value indicating whether a column footer will act like a button. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ButtonHeader</a>	Gets or sets a value indicating whether a column header will act like a button. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ButtonText</a>	Gets or sets a value indicating whether cells in this column look like buttons. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">CellTop</a>	Gets the vertical offset of the top of the cell for the current row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ColumnDivider</a>	Gets or sets the style of the border drawn between columns. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">DataColumn</a>	Gets the associated <a href="#">C1DataColumn</a> associated with this object. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">DropDownList</a>	Gets or sets a value indicating whether the dropdown acts like a dropdown list (text portion is not editable). (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> used for the cell editor. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">FetchStyle</a>	Gets or sets a value indicating whether the FetchCellStyle event will be raised for a column. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">FilterButton</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FooterDivider</a>	Gets or sets a value indicating whether to display the column divider in the footer area. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Frozen</a>	Gets or sets a value indicating whether this <a href="#">C1DisplayColumn</a> is frozen. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">GroupFooterStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">GroupHeaderStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped header row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">HeaderDivider</a>	Gets or sets a value indicating whether to display the column divider in the header area. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Height</a>	Gets or sets the height of the column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Locked</a>	Gets or sets a value indicating whether editing is permitted in a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Merge</a>	Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	

 <a href="#">MinWidth</a>	Gets or sets the minimum width a column can be resized to when in <a href="#">C1TrueDBGrid.SpringMode</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">Name</a>	Gets the caption of the associated <a href="#">C1DataColumn</a> objects. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">OwnerDraw</a>	Gets or sets a value indicating whether cells in this column are drawn by the user in the OwnerDrawCell event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> for this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">Width</a>	Gets or sets the width of a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

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## Protected Properties

	Name	Description
 DCIdx		Overridden.

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## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

		<a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">AutoSize</a>	Adjusts the width of a column to accommodate the longest visible field within that column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the component. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">GetFilterExpression</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
=	<a href="#">ToString</a>	Returns a <a href="#">System.String</a> that represents the current <a href="#">System.Object</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

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## Protected Methods

	Name	Description
=	<a href="#">OnChanged</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

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## See Also

## Reference

[C1DropDisplayColumn Class](#)

C1.Win.C1TrueDBGrid Namespace

### Properties

For a list of all members of this type, see [C1DropDisplayColumn members](#).

## Public Properties

	Name	Description
	<a href="#">AllowFocus</a>	Gets or sets a value indicating the ability of a column to receive focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AllowSizing</a>	Gets or sets a value indicating whether column resizing is allowed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AutoComplete</a>	Gets or sets a value indicating whether the dropdown auto fills the edit portion with the matched entry. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">AutoDropDown</a>	Gets or sets a value indicating whether the dropdown opens automatically when a key is typed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">Button</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">ButtonAlways</a>	Gets or sets a value indicating whether buttons will be displayed when the cell does not contain focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">ButtonFooter</a>	Gets or sets a value indicating whether a column footer will act like a button. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">ButtonHeader</a>	Gets or sets a value indicating whether a column header will act like a

		button. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">ButtonText</a>	Gets or sets a value indicating whether cells in this column look like buttons. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">CellTop</a>	Gets the vertical offset of the top of the cell for the current row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">ColumnDivider</a>	Gets or sets the style of the border drawn between columns. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">DataColumn</a>	Gets the associated <a href="#">C1DataColumn</a> associated with this object. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">DropDownList</a>	Gets or sets a value indicating whether the dropdown acts like a dropdown list (text portion is not editable). (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> used for the cell editor. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FetchStyle</a>	Gets or sets a value indicating whether the FetchCellStyle event will be raised for a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FilterButton</a>	Gets or sets a value indicating whether a dropdown button will be displayed in this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FooterDivider</a>	Gets or sets a value indicating whether to display the column divider in the footer area. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Frozen</a>	Gets or sets a value indicating whether this <a href="#">C1DisplayColumn</a> is frozen.	

		(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
 <a href="#">GroupFooterStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped footer row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">GroupHeaderStyle</a>	Gets or sets the <a href="#">Style</a> used to render the cell in the grouped header row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">HeaderDivider</a>	Gets or sets a value indicating whether to display the column divider in the header area. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> that controls the appearance of the column headers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Height</a>	Gets or sets the height of the column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Locked</a>	Gets or sets a value indicating whether editing is permitted in a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Merge</a>	Gets or sets a value indicating whether contiguous like-value cells of this column are merged into one large cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">MinWidth</a>	Gets or sets the minimum width a column can be resized to when in <a href="#">C1TrueDBGrid.SpringMode</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">Name</a>	Gets the caption of the associated <a href="#">C1DataColumn</a> objects. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	
 <a href="#">OwnerDraw</a>	Gets or sets a value indicating whether cells in this column are drawn by the user in the OwnerDrawCell event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )	

	<a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> for this column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">Visible</a>	Gets or sets a value indicating the visibility of a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )
	<a href="#">Width</a>	Gets or sets the width of a column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DisplayColumn</a> )

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## Protected Properties

	Name	Description
	<a href="#">DCIdx</a>	Overridden.

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## See Also

### Reference

[C1DropDisplayColumn Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*DCIdx Property*

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)>	
<b>Protected Overrides Property DCIdx As System.Integer</b>	
C#	
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)]	
<b>protected override System.int DCIdx {get; set;}</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1DropDisplayColumn Class](#)  
[C1DropDisplayColumn Members](#)

### C1OwnerDrawPrint

Object to manage custom page headers and footers when printing and previewing.

## Object Model

[C1OwnerDrawPrint](#)

## Syntax

Visual Basic (Declaration)

```
Public Class C1OwnerDrawPrint
```

C#

```
public class C1OwnerDrawPrint
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.C1OwnerDrawPrint**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1OwnerDrawPrint Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Object to manage custom page headers and footers when printing and previewing.

## Object Model

C1OwnerDrawPrint

## Syntax

Visual Basic (Declaration)

```
Public Class C1OwnerDrawPrint
```

C#

```
public class C1OwnerDrawPrint
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.C1OwnerDrawPrint**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1OwnerDrawPrint Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1OwnerDrawPrint](#).

## Public Properties

	Name	Description
	<a href="#">HeightInch</a>	The height of drawing area in inches

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## Public Methods

	Name	Description
	<a href="#">RenderDirectImage</a>	Renders an image for the document.
	<a href="#">RenderDirectLine</a>	Renders a line for the document.
	<a href="#">RenderDirectText</a>	Renders text for the document.

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## See Also

### Reference

[C1OwnerDrawPrint Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

For a list of all members of this type, see [C1OwnerDrawPrint members](#).

## Public Methods

	Name	Description
	<a href="#">RenderDirectImage</a>	Renders an image for the document.
	<a href="#">RenderDirectLine</a>	Renders a line for the document.
	<a href="#">RenderDirectText</a>	Renders text for the document.

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## See Also

### Reference

[C1OwnerDrawPrint Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*RenderDirectImage Method*

X-coordinate.

Y-coordinate.

Image to render.

Width to render.

Height to render.

Alignment options.

Renders an image for the document.

## Syntax

Visual Basic (Declaration)

```
Public Sub RenderDirectImage( _
    ByVal x As System.Object, _
    ByVal y As System.Object, _
    ByVal image As System.Drawing.Image, _
    ByVal width As System.Object, _
    ByVal height As System.Object, _
    ByVal imageAlign As BackgroundPictureDrawModeEnum _
)
```

C#

```
public void RenderDirectImage(
    System.object x,
    System.object y,
    System.Drawing.Image image,
    System.object width,
```

```
System.object height,  
BackgroundPictureDrawModeEnum imageAlign  
)
```

## Parameters

*x*

X-coordinate.

*y*

Y-coordinate.

*image*

Image to render.

*width*

Width to render.

*height*

Height to render.

*imageAlign*

Alignment options.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1OwnerDrawPrint Class](#)  
[C1OwnerDrawPrint Members](#)

*RenderDirectLine Method*

Start x-coordinate.

Start y-coordinate.

End x-coordinate.  
End y-coordinate.  
Color of the line.  
Width of the line.  
Renders a line for the document.

## Syntax

Visual Basic (Declaration)

```
Public Sub RenderDirectLine( _
    ByVal fromX As System.Object, _
    ByVal fromY As System.Object, _
    ByVal toX As System.Object, _
    ByVal toY As System.Object, _
    ByVal color As System.Drawing.Color, _
    ByVal width As System.Double _
)
```

C#

```
public void RenderDirectLine(
    System.object fromX,
    System.object fromY,
    System.object toX,
    System.object toY,
    System.Drawing.Color color,
    System.double width
)
```

### Parameters

*fromX*

Start x-coordinate.

*fromY*

Start y-coordinate.

*toX*

End x-coordinate.

*toY*

End y-coordinate.

*color*

Color of the line.

*width*

Width of the line.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1OwnerDrawPrint Class](#)

[C1OwnerDrawPrint Members](#)

#### *RenderDirectText Method*

X-coordinate to start the rendering.

Y-coordinate to start the rendering.

The text to render.

The width for the rendered text.

The font to use.

The color of the text.

The alignment to render the text.

Renders text for the document.

## Syntax

Visual Basic (Declaration)

```
Public Sub RenderDirectText( _
    ByVal x As System.Object, _
    ByVal y As System.Object, _
    ByVal text As System.String, _
    ByVal width As System.Object, _
    ByVal font As System.Drawing.Font, _
    ByVal textColor As System.Drawing.Color, _
    ByVal horzAlign As AlignHorzEnum _
)
```

C#

```
public void RenderDirectText(
    System.object x,
    System.object y,
    System.string text,
    System.object width,
    System.Drawing.Font font,
    System.Drawing.Color textColor,
    AlignHorzEnum horzAlign
)
```

## Parameters

*x*

X-coordinate to start the rendering.

*y*

Y-coordinate to start the rendering.

*text*

The text to render.

*width*

The width for the rendered text.

*font*

The font to use.

### *textColor*

The color of the text.

### *horzAlign*

The alignment to render the text.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1OwnerDrawPrint Class](#)  
[C1OwnerDrawPrint Members](#)

### Properties

>

Name	Description
------	-------------

 [HeightInch](#) The height of drawing area in inches

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## See Also

### Reference

[C1OwnerDrawPrint Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *HeightInch Property*

The height of drawing area in inches

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public ReadOnly Property HeightInch As System.Double
```

C#

```
public System.double HeightInch {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1OwnerDrawPrint Class](#)

[C1OwnerDrawPrint Members](#)

[C1PrintProgress](#)

Print progress window.

## Object Model

[C1PrintProgress](#)

## Syntax

Visual Basic (Declaration)

```
Public Class C1PrintProgress  
    Inherits System.Windows.Forms.Form
```

C#

```
public class C1PrintProgress : System.Windows.Forms.Form
```

## Inheritance Hierarchy

System.Object

  System.MarshalByRefObject

    System.ComponentModel.Component

      System.Windows.Forms.Control

        System.Windows.Forms.ScrollableControl

System.Windows.Forms.ContainerControl  
System.Windows.Forms.Form  
**C1.Win.C1TrueDBGrid.C1PrintProgress**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Print progress window.

## Object Model

C1PrintProgress

## Syntax

Visual Basic (Declaration)

```
Public Class C1PrintProgress
    Inherits System.Windows.Forms.Form
```

C#

```
public class C1PrintProgress : System.Windows.Forms.Form
```

## Inheritance Hierarchy

System.Object  
System.MarshalByRefObject  
System.ComponentModel.Component  
System.Windows.Forms.Control  
System.Windows.Forms.ScrollableControl  
System.Windows.Forms.ContainerControl

System.Windows.Forms.Form

## C1.Win.C1TrueDBGrid.C1PrintProgress

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [C1PrintProgress](#).

## Public Constructors

	Name	Description
=	<a href="#">C1PrintProgress Constructor</a>	Overloaded.

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## Public Properties

	Name	Description
	<a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CancelClicked</a>	Gets a value indicating if the print/preview was cancelled.
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TxtCancel</a>	Gets or sets the text for the Cancel button.
 <a href="#">TxtPrinting</a>	Gets or sets the text used to display the current progress when the grid is printed/previewed.
 <a href="#">TxtTitle</a>	Gets or sets the text for the Windows caption.
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)

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## Protected Properties

	Name	Description
 <a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)	
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)	
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateParams</a>	(Inherited from System.Windows.Forms.Form)	

 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## Public Methods

	Name	Description
=	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=	<a href="#">Dispose</a>	Overloaded. Overridden. Overloaded. Releases the resources used by the component.
=	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)

<a href="#">≡</a>	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">≡</a>	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
=♪	<a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description
=♪	<a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
=♪	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnAutoValidateChanged</a>	(Inherited from

		System.Windows.Forms.ContainerControl)
!	<a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
⌚	<a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
⌚	<a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)

 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetDisplayRectLocation</a>	(Inherited from

		System.Windows.Forms.ScrollableControl)
💡	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
💡	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
💡	<a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
💡	<a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## Public Events

	Name	Description
⚡	<a href="#">Activated</a>	(Inherited from System.Windows.Forms.Form)
⚡	<a href="#">AutoSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⚡	<a href="#">AutoValidateChanged</a>	(Inherited from System.Windows.Forms.Form)
⚡	<a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⚡	<a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Deactivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)

 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)
 Enter	(Inherited from System.Windows.Forms.Control)
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 FormClosed	(Inherited from System.Windows.Forms.Form)
 FormClosing	(Inherited from System.Windows.Forms.Form)
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 HandleCreated	(Inherited from System.Windows.Forms.Control)
 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HelpButtonClicked	(Inherited from System.Windows.Forms.Form)
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 InputLanguageChanged	(Inherited from System.Windows.Forms.Form)
 InputLanguageChanging	(Inherited from System.Windows.Forms.Form)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)

 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)
 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 Load	(Inherited from System.Windows.Forms.Form)
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MaximizedBoundsChanged	(Inherited from System.Windows.Forms.Form)
 MaximumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MdiChildActivate	(Inherited from System.Windows.Forms.Form)
 MenuComplete	(Inherited from System.Windows.Forms.Form)
 MenuStart	(Inherited from System.Windows.Forms.Form)
 MinimumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)
 MouseEnter	(Inherited from System.Windows.Forms.Control)

 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Scroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Shown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

### Reference

[C1PrintProgress Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*C1PrintProgress Constructor*

### Overload List

Overload	Description
<a href="#">C1PrintProgress Constructor()</a>	Initializes a new instance of the C1PrintProgress class.
<a href="#">C1PrintProgress Constructor(Language)</a>	Initializes a new instance of the C1PrintProgress class.

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)  
[C1PrintProgress Members](#)

*C1PrintProgress Constructor()*

Initializes a new instance of the C1PrintProgress class.

## Syntax

Visual Basic (Declaration)

```
Public Function New()
```

C#

```
public C1PrintProgress()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)  
[C1PrintProgress Members](#)  
[Overload List](#)

*C1PrintProgress Constructor(Language)*

Initializes a new instance of the C1PrintProgress class.

## Syntax

```
Visual Basic (Declaration)
```

```
Public Function New( _
    ByVal Language As Language _
)
```

```
C#
```

```
public C1PrintProgress(
    Language Language
)
```

## Parameters

*language*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)

[C1PrintProgress Members](#)

[Overload List](#)

### Methods

For a list of all members of this type, see [C1PrintProgress members](#).

## Public Methods

	Name	Description
≡	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
≡	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
≡	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)

=♡	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=♡	<a href="#">Dispose</a>	Overloaded. Overridden. Overloaded. Releases the resources used by the component.
=♡	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♡	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♪	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
=♪	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)

=♡	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
=♡	<a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description

	<a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseClicked</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## See Also

### Reference

[C1PrintProgress Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Dispose Method*

Overloaded. Releases the resources used by the component.

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	Overloaded. Releases the resources used by the component.
<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)  
[C1PrintProgress Members](#)

## Dispose(Boolean) Method

Overloaded. Releases the resources used by the component.

## Syntax

Visual Basic (Declaration)

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)

[C1PrintProgress Members](#)

[Overload List](#)

*Properties*

>

Name	Description
 <a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CancelClicked</a>	Gets a value indicating if the print/preview was cancelled.
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TxtCancel</a>	Gets or sets the text for the Cancel button.
 <a href="#">TxtPrinting</a>	Gets or sets the text used to display the current progress when the grid is printed/previewed.
 <a href="#">TxtTitle</a>	Gets or sets the text for the Windows caption.
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)

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## Protected Properties

Name	Description
 <a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateParams</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## See Also

### Reference

[C1PrintProgress Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*CancelClicked Property*  
Gets a value indicating if the print/preview was cancelled.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public ReadOnly Property CancelClicked As System.Boolean
```

C#

```
public System.bool CancelClicked {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)

[C1PrintProgress Members](#)

*TxtCancel Property*

Gets or sets the text for the Cancel button.

## Syntax

Visual Basic (Declaration)

```
Public Property TxtCancel As System.String
```

C#

```
public System.string TxtCancel {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)

[C1PrintProgress Members](#)

### *TxtPrinting Property*

Gets or sets the text used to display the current progress when the grid is printed/previewed.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property TxtPrinting As System.String</pre>	
C#	
<pre>public System.string TxtPrinting {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)

[C1PrintProgress Members](#)

### *TxtTitle Property*

Gets or sets the text for the Windows caption.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property TxtTitle As System.String</pre>	
C#	
<pre>public System.string TxtTitle {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PrintProgress Class](#)  
[C1PrintProgress Members](#)

[C1PropImagesCollection](#)

## Object Model

C1PropImagesCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class C1PropImagesCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class C1PropImagesCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object  
System.Collections.CollectionBase  
**C1.Win.C1TrueDBGrid.C1PropImagesCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PropImagesCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

C1PropImagesCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class C1PropImagesCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class C1PropImagesCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

```
System.Object
  System.Collections.CollectionBase
    C1.Win.C1TrueDBGrid.C1PropImagesCollection
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PropImagesCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1PropImagesCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Add</a>	
	<a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)

 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[C1PropImagesCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

>

Name	Description
 <a href="#">Add</a>	
 <a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

<b>Name</b>	<b>Description</b>
<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[C1PropImagesCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Add Method*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function Add( _     ByVal m As System.Drawing.Image _ ) As System.Integer</pre>	

C#	
<pre>public System.int Add(     System.Drawing.Image m )</pre>	

Parameters	
------------	--

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1PropImagesCollection Class](#)  
[C1PropImagesCollection Members](#)

C1TrueDBDropdown  
C1TrueDBDropdown control.

## Object Model

C1TrueDBDropdown

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBDropDesigner, C1.Win.C1TrueDBGrid.4.Design")>
<System.Drawing.ToolboxBitmapAttribute()>
Public Class C1TrueDBDropdown
    Inherits C1.Win.C1TrueDBGrid.BaseGrid.Frame
```

C#

```
[System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem, System.Drawing, Version=4.0.0.0, Culture=neutral,
```

```


[PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBDropDesigner,
C1.Win.C1TrueDBGrid.4.Design")]
[System.Drawing.ToolboxBitmapAttribute()]
public class C1TrueDBDropdown : C1.Win.C1TrueDBGrid.BaseGrid.Frame


```

## Inheritance Hierarchy

```

System.Object
  System.MarshalByRefObject
    System.ComponentModel.Component
      System.Windows.Forms.Control
        C1.Win.C1TrueDBGrid.BaseGrid.Frame
          C1.Win.C1TrueDBGrid.C1TrueDBDropdown

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*  
C1TrueDBDropdown control.

## Object Model

C1TrueDBDropdown

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem,	
--	--

```

System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a")>
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBDropDesigner, C1.Win.C1TrueDBGrid.4.Design")>
<System.Drawing.ToolboxBitmapAttribute()>
Public Class C1TrueDBDropdown
    Inherits C1.Win.C1TrueDBGrid.BaseGrid.Frame

C#
```

```

[System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBDropDesigner, C1.Win.C1TrueDBGrid.4.Design")]
[System.Drawing.ToolboxBitmapAttribute()]
public class C1TrueDBDropdown : C1.Win.C1TrueDBGrid.BaseGrid.Frame

```

## Inheritance Hierarchy

```

System.Object
  System.MarshalByRefObject
  System.ComponentModel.Component
    System.Windows.Forms.Control
      C1.Win.C1TrueDBGrid.BaseGrid.Frame
        C1.Win.C1TrueDBGrid.C1TrueDBDropdown

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [C1TrueDBDropdown](#).

## Public Constructors

	Name	Description
=	<a href="#">C1TrueDBDropdown Constructor</a>	Creates a new instance of the object.

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## Public Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
	<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a>
 <a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.	
 <a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">AlternatingRows</a>	Gets or sets a value indicating whether the dropdown uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.	
 <a href="#">Anchor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">AutoScrollOffset</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">BackColor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">BackgroundImage</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">BackgroundImageLayout</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">BindingContext</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">Bookmark</a>	Gets or sets the current row position of the underlying CurrencyManager.	
 <a href="#">BorderStyle</a>	Gets or sets the border for the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">Bottom</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	

 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Caption</a>	Gets or sets the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionHeight</a>	Gets or sets the height of the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Col</a>	Gets or sets the column position.
 <a href="#">ColumnCaptionHeight</a>	Gets or sets the height of column captions.
 <a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
 <a href="#">ColumnFooters</a>	Gets or sets a value indicating the visibility of column footers.
 <a href="#">ColumnHeaders</a>	Gets or sets a value indicating the visibility of column headers.

 <a href="#">Columns</a>	Gets the collection of C1 DataColumn objects.
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell.
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DefColWidth</a>	Gets or sets the default width for all grid columns.
 <a href="#">DisplayColumns</a>	Gets the collection of C1DisplayColumn objects.

 <a href="#">DisplayMember</a>	Gets or sets the property used for incremental search.
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleBuffer</a>	Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DropdownWidth</a>	Gets or sets the width of the dropdown.
 <a href="#">EmptyRows</a>	Gets or sets a value that determines how the grid displays rows below the last data row.
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the dropdown.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row.
 <a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HighLightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of a highlighted row.
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IntegralHeight</a>	Gets or sets a value indicating whether the control should resize to avoid showing partial items.
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LeftCol</a>	Gets or sets the zero-based index of the leftmost column.
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Margin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Right</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RightToLeft</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Row</a>	Gets or sets the the current row.
 <a href="#">RowCount</a>	Gets the number of rows in an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowDivider</a>	Gets or sets the style of the border drawn between rows.
 <a href="#">RowHeight</a>	Gets or sets the height of grid rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowSubdividerColor</a>	Gets or sets the color of the subrow divider in a multi-line dropdown.
 <a href="#">RowTracking</a>	Gets or sets a value that determines if rows are highlighted under the mouse.
 <a href="#">ScrollTips</a>	Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.
 <a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Site</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object.
 <a href="#">Styles</a>	Gets the collection of named <a href="#">Style</a> objects.
 <a href="#">TabIndex</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ValueMember</a>	Gets or sets the property used to update the associated grid column.
 <a href="#">ValueTranslate</a>	Gets or sets a value that determines how the grid display values in a column.
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleCols</a>	Gets the number of visible columns in the dropdown.

 <a href="#">VisibleRows</a>	Gets the number of visible rows in the dropdown.
 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.
 <a href="#">Width</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

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## Protected Properties

	Name	Description
 <a href="#">CanEnableIme</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">CanRaiseEvents</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">CreateParams</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">DefaultCursor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultImeMode</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMargin</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMaximumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMinimumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultPadding</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultSize</a>	Overridden. Gets the default size of the control.	

 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)

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## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
 <a href="#">AddRegexCellStyle</a>		Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
 <a href="#">AddRow</a>		Overloaded. Adds a row to an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AddRows</a>		Adds the number of given rows to an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">BeginInit</a>		ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">BeginInvoke</a>		Overloaded. (Inherited from System.Windows.Forms.Control)

= 	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ClearCellStyle</a>	Restores the default layout.
= 	<a href="#">ClearFields</a>	Restores the default layout.
= 	<a href="#">ClearRegexCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
= 	<a href="#">ColContaining</a>	Returns the column index for the column containing the specified X coordinate.
= 	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
= 	<a href="#">Delete</a>	Overloaded. Deletes the given row from an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
= 	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">EndInit</a>	ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)

= 	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetCurrentSelIndex</a>	Gets the current selected index.
= 	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
= 	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
= 	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">NewRow</a>	Creates a new System.DataDataRow with the same schema as the unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)

=♡	<a href="#">Rebind</a>	Overloaded. Reinitializes grid with data from its data source.
=♡	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RowContaining</a>	Returns the zero-based index of the display row containing the Y specified coordinate.
=♡	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ScrollCtl</a>	Scrolls the data area by the specified number of rows and columns
=♡	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetDataBinding</a>	Overloaded. Binds the grid at runtime (Inherited from C1.Win.C1TrueDBGrid.BaseGrid.Frame)
=♡	<a href="#">Show</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">ToString</a>	(Inherited from System.ComponentModel.Component)
=♪	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Methods

	Name	Description
=♪	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
=♪	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
=♪	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">initializeStyles</a>	Overridden.

 <a href="#">InitLayout</a>	Called after the control has been added to another container. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">InvokeGotFocus</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InvokeLostFocus</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InvokeOnClick</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InvokePaint</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InvokePaintBackground</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsInputChar</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">IsInputKey</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from <a href="#">System.MarshalByRefObject</a> )
 <a href="#">NotifyInvalidate</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">On_AddNew</a>	Raised when a new row is added. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">On_Init</a>	Raised when the grid is initialized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">On_Scroll</a>	Overridden. Occurs when the user scrolls the grid.
 <a href="#">OnAfterColEdit</a>	Raised after a column has been edited. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnAfterColUpdate</a>	Overridden.
 <a href="#">OnAfterDelete</a>	Raised after a row has been deleted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterFilter</a>	Raised after the datasource has been filtered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterInsert</a>	Raised after a row has been inserted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterSort</a>	Raised after the datasource has been sorted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterUpdate</a>	Raised after a row has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackColorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBeforeClose</a>	Raised before a child grid is closed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeColEdit</a>	Raised before a column edit. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeColUpdate</a>	Raised before a column has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnBeforeDelete</a>	Raised before a row is deleted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeInsert</a>	Raised before a row is inserted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeOpen</a>	Raised before a child grid is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeRowColChange</a>	Raised before a row or column currency is changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeUpdate</a>	Raised before a row is updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBindingContextChanged</a>	Raised when the Binding Context changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnButtonClick</a>	Raised when a button in a cell has been clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChange</a>	Raised when the grids cell content has been modified. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnColEdit</a>	Raised when a column has been edited. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnCollapse</a>	Raised when a band is collapsed in a hierarchical grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnColMove</a>	Overridden. Occurs when the user has moved a column.
 <a href="#">OnColResize</a>	Overridden. Occurs when the user has resized a column.
 <a href="#">OnComboSelect</a>	Raised when a value in the combobox has been selected. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnContextMenuChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnControlAdded</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnControlRemoved</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnCreateControl</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnCursorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDataSourceChanged</a>	Overridden. Occurs when the grids DataSource has changed.
 <a href="#">OnDockChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDoubleClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDragDrop</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDragEnter</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDropDownClose</a>	Occurs when the dropdown closes.
 <a href="#">OnDropDownOpen</a>	Occurs when the dropdown is opened.
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnter</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnError</a>	Raised when the grid encounters an error through the UI. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnExpand</a>	Raised when a band is expanded in a hierarchical grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchCellStyle</a>	Raised when a custom style is to be used for rendering a cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchCellTips</a>	Raised when a cell tip is to be displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchGroupCellStyle</a>	Raised when a custom style is to be used for renderind a grouped cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchRowStyle</a>	Overridden. Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.
 <a href="#">OnFetchScrollTips</a>	Overridden. Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.

 <a href="#">OnFilter</a>	Raised when AllowFilter is false. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFilterButtonClick</a>	Raised when a button in the filter bar is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFilterChange</a>	Raised when a filter condition has changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFirstRowChange</a>	Overridden. Occurs when the first displayed row of a control or split is changed.
 <a href="#">OnFontChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFootClick</a>	Overridden. Occurs when the user clicks on the column footer.
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormatText</a>	Overridden. Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string FormatText Event.
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupAggregate</a>	Raised when custom aggregates are used for a grouped grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupColMove</a>	Raised when a grouped column is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnGroupHeadClick</a>	Raised when a column header in the grouping area is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupInterval</a>	Raised when custom group intervals are used for a grouped grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupText</a>	Raised when custom values are to be used for the group text. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHeadClick</a>	Overridden. Occurs when the user clicks on the column header.
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	Overridden.
 <a href="#">OnKeyPress</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnKeyUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLeftColChange</a>	Overridden. Occurs when the first visible column of a grid or split is changed.
 <a href="#">OnLocationChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnLostFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMarginChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseClick</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseDoubleClick</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseDown</a>	Overridden.
 <a href="#">OnMouseEnter</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseHover</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseMove</a>	Overridden.
 <a href="#">OnMouseUp</a>	Overridden.
 <a href="#">OnMouseWheel</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnOwnerDrawCell</a>	Raised when a cell has to be rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnOwnerDrawCellPrint</a>	Raised when a cell has to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnOwnerDrawPageFooter</a>	Raised when a Page footer needs to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnOwnerDrawPageHeader</a>	Raised when Page header needs to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaint</a>	Overridden.
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden.
 <a href="#">OnRightToLeftChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowChange</a>	Occurs when the focus moves to a different row.
 <a href="#">OnRowColChange</a>	Raised after a row or column currency has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowResize</a>	Overridden. Occurs when the user has finished resizing a grid row.
 <a href="#">OnSelChange</a>	Overridden. Occurs when the user selects a different range of rows or columns.
 <a href="#">OnSizeChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSort</a>	Raised when the datasource is sorted by clicking the

		column header. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnSplitAdded</a>	Raised when a split has been added. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnSplitChange</a>	Raised when split currency has changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnSplitRemoved</a>	Raised when a split has been removed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnUnboundColumnFetch</a>	Overridden. Occurs when the grid needs to display the value of a cell in an unbound column.
!	<a href="#">OnUnboundColumnUpdated</a>	Raised when an unbound column has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnValidating</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnValueItemError</a>	Overridden. Occurs when the user attempts to enter invalid data into a column that is using value lists.

 <a href="#">OnVisibleChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">ProcessCmdKey</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ProcessDialogChar</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ProcessDialogKey</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ProcessKeyPreview</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RaiseDragEvent</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RaiseKeyEvent</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RaiseMouseEvent</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RaisePaintEvent</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">RecreateHandle</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ResetMouseEventArgs</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ResetVisualStyle</a>	Resets <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> to the default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from <a href="#">System.Windows.Forms.Control</a> )

⌚	RtlTranslateHorizontal	(Inherited from System.Windows.Forms.Control)
⌚	RtlTranslateLeftRight	(Inherited from System.Windows.Forms.Control)
⌚	ScaleControl	(Inherited from System.Windows.Forms.Control)
⌚	SetAutoSizeMode	(Inherited from System.Windows.Forms.Control)
⌚	SetBoundsCore	(Inherited from System.Windows.Forms.Control)
⌚	SetClientSizeCore	(Inherited from System.Windows.Forms.Control)
⌚	SetDataSource	Called when the datasource changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	SetStyle	(Inherited from System.Windows.Forms.Control)
⌚	SetTopLevel	(Inherited from System.Windows.Forms.Control)
⌚	SetVisibleCore	(Inherited from System.Windows.Forms.Control)
⌚	ShouldSerializeCaptionHeight	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	ShouldSerializeRowHeight	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	ShouldSerializeSplitDividerSize	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	ShouldSerializeVisualStyle	Tests whether <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> should be serialized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	SizeFromClientSize	(Inherited from System.Windows.Forms.Control)
⌚	UpdateStyles	(Inherited from System.Windows.Forms.Control)

	<a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WndProc</a>	Overridden.

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## Public Events

	Name	Description
	<a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ColMove</a>	Occurs when the user has moved a column.
	<a href="#">ColResize</a>	Occurs when the user has resized a column.
	<a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataSourceChanged</a>	Occurs when the grids DataSource has changed.
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DropDownClose</a>	Occurs when the dropdown closes.
 <a href="#">DropDownOpen</a>	Occurs when the dropdown is opened.
 <a href="#">EnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FetchRowStyle</a>	Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.
 <a href="#">FetchScrollTips</a>	Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.
 <a href="#">FirstRowChange</a>	Occurs when the first displayed row of a control or split is

		changed.
	<a href="#">FontChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">FootClick</a>	Occurs when the user clicks on the column footer.
	<a href="#">ForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">FormatText</a>	Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string FormatText Event.
	<a href="#">GiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HandleCreated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HeadClick</a>	Occurs when the user clicks on the column header.
	<a href="#">HelpRequested</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Invalidated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">KeyDown</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">KeyPress</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">KeyUp</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Layout</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Leave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LeftColChange</a>	Occurs when the first visible column of a grid or split is changed.
 <a href="#">LocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)

 Paint	(Inherited from System.Windows.Forms.Control)
 ParentChanged	(Inherited from System.Windows.Forms.Control)
 PreviewKeyDown	(Inherited from System.Windows.Forms.Control)
 QueryAccessibilityHelp	(Inherited from System.Windows.Forms.Control)
 QueryContinueDrag	(Inherited from System.Windows.Forms.Control)
 RegionChanged	(Inherited from System.Windows.Forms.Control)
 Resize	(Inherited from System.Windows.Forms.Control)
 RightToLeftChanged	(Inherited from System.Windows.Forms.Control)
 RowChange	Occurs when the focus moves to a different row.
 RowResize	Occurs when the user has finished resizing a grid row.
 Scroll	Occurs when the user scrolls the grid.
 SelChange	Occurs when the user selects a different range of rows or columns.
 SizeChanged	(Inherited from System.Windows.Forms.Control)
 StyleChanged	(Inherited from System.Windows.Forms.Control)
 SystemColorsChanged	(Inherited from System.Windows.Forms.Control)
 TabIndexChanged	(Inherited from System.Windows.Forms.Control)
 TabStopChanged	(Inherited from System.Windows.Forms.Control)

 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UnboundColumnFetch</a>	Occurs when the grid needs to display the value of a cell in an unbound column.
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ValueItemError</a>	Occurs when the user attempts to enter invalid data into a column that is using value lists.
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisualStyleChanged</a>	Occurs when visual style property has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

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## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*C1TrueDBDropdown Constructor*

Creates a new instance of the object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public C1TrueDBDropdown()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### Methods

For a list of all members of this type, see [C1TrueDBDropdown members](#).

## Public Methods

	Name	Description
=	<a href="#">AddCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
=	<a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
=	<a href="#">AddRow</a>	Overloaded. Adds a row to an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=	<a href="#">AddRows</a>	Adds the number of given rows to an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=	<a href="#">BeginInit</a>	ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from <a href="#">System.Windows.Forms.Control</a> )
=	<a href="#">BringToFront</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
=	<a href="#">ClearCellStyle</a>	Restores the default layout.

= 	<a href="#">ClearFields</a>	Restores the default layout.
= 	<a href="#">ClearRegexCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
= 	<a href="#">ColContaining</a>	Returns the column index for the column containing the specified X coordinate.
= 	<a href="#">Contains</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">CreateControl</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">CreateGraphics</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">CreateObjRef</a>	(Inherited from <a href="#">System.MarshalByRefObject</a> )
= 	<a href="#">Delete</a>	Overloaded. Deletes the given row from an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
= 	<a href="#">DoDragDrop</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">DrawToBitmap</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">EndInit</a>	ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">EndInvoke</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">FindForm</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">Focus</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetCurrentSelIndex</a>	Gets the current selected index.
 <a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">NewRow</a>	Creates a new System.Data.DataRow with the same schema as the unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Rebind</a>	Overloaded. Reinitializes grid with data from its data source.
 <a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)

= 	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">RowContaining</a>	Returns the zero-based index of the display row containing the Y specified coordinate.
= 	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ScrollCtl</a>	Scrolls the data area by the specified number of rows and columns
= 	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">SetDataBinding</a>	Overloaded. Binds the grid at runtime (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">Show</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ToString</a>	(Inherited from System.ComponentModel.Component)
= 	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Methods

	Name	Description
!	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
!	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
!	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">initializeStyles</a>	Overridden.
!	<a href="#">InitLayout</a>	Called after the control has been added to another container. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputChar</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">IsInputKey</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">On_AddNew</a>	Raised when a new row is added. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">On_Init</a>	Raised when the grid is initialized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">On_Scroll</a>	Overridden. Occurs when the user scrolls the grid.
 <a href="#">OnAfterColEdit</a>	Raised after a column has been edited. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterColUpdate</a>	Overridden.
 <a href="#">OnAfterDelete</a>	Raised after a row has been deleted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnAfterFilter</a>	Raised after the datasource has been filtered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterInsert</a>	Raised after a row has been inserted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterSort</a>	Raised after the datasource has been sorted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAfterUpdate</a>	Raised after a row has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnAutoSizeChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnBackColorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnBeforeClose</a>	Raised before a child grid is closed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeColEdit</a>	Raised before a column edit. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeColUpdate</a>	Raised before a column has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeDelete</a>	Raised before a row is deleted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeInsert</a>	Raised before a row is inserted. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnBeforeOpen</a>	Raised before a child grid is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeRowColChange</a>	Raised before a row or column currency is changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBeforeUpdate</a>	Raised before a row is updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBindingContextChanged</a>	Raised when the Binding Context changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnButtonClick</a>	Raised when a button in a cell has been clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChange</a>	Raised when the grids cell content has been modified. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnColEdit</a>	Raised when a column has been edited. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnCollapse</a>	Raised when a band is collapsed in a hierarchical grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnColMove</a>	Overridden. Occurs when the user has moved a column.

 <a href="#">OnColResize</a>	Overridden. Occurs when the user has resized a column.
 <a href="#">OnComboSelect</a>	Raised when a value in the combobox has been selected. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnContextMenuChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnControlAdded</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnControlRemoved</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnCreateControl</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnCursorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDataSourceChanged</a>	Overridden. Occurs when the grids DataSource has changed.
 <a href="#">OnDockChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDoubleClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDragDrop</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDragEnter</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDragLeave</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDragOver</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnDropDownClose</a>	Occurs when the dropdown closes.

 <a href="#">OnDropDownOpen</a>	Occurs when the dropdown is opened.
 <a href="#">OnEnabledChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnEnter</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnError</a>	Raised when the grid encounters an error through the UI. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnExpand</a>	Raised when a band is expanded in a hierarchical grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchCellStyle</a>	Raised when a custom style is to be used for rendering a cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchCellTips</a>	Raised when a cell tip is to be displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchGroupCellStyle</a>	Raised when a custom style is to be used for renderind a grouped cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFetchRowStyle</a>	Overridden. Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.
 <a href="#">OnFetchScrollTips</a>	Overridden. Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.
 <a href="#">OnFilter</a>	Raised when AllowFilter is false. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFilterButtonClick</a>	Raised when a button in the filter bar is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnFilterChange</a>	Raised when a filter condition has changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFirstRowChange</a>	Overridden. Occurs when the first displayed row of a control or split is changed.
 <a href="#">OnFontChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFootClick</a>	Overridden. Occurs when the user clicks on the column footer.
 <a href="#">OnForeColorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnFormatText</a>	Overridden. Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string FormatText Event.
 <a href="#">OnGiveFeedback</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnGotFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupAggregate</a>	Raised when custom aggregates are used for a grouped grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupColMove</a>	Raised when a grouped column is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupHeadClick</a>	Raised when a column header in the grouping area is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupInterval</a>	Raised when custom group intervals are used for a

		grouped grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnGroupText</a>	Raised when custom values are to be used for the group text. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnHeadClick</a>	Overridden. Occurs when the user clicks on the column header.
!	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnKeyDown</a>	Overridden.
!	<a href="#">OnKeyPress</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnKeyUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">OnLeftColChange</a>	Overridden. Occurs when the first visible column of a grid or split is changed.

 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	Overridden.
 <a href="#">OnMouseEnter</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseMove</a>	Overridden.
 <a href="#">OnMouseUp</a>	Overridden.
 <a href="#">OnMouseWheel</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnOwnerDrawCell</a>	Raised when a cell has to be rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnOwnerDrawCellPrint</a>	Raised when a cell has to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnOwnerDrawPageFooter</a>	Raised when a Page footer needs to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnOwnerDrawPageHeader</a>	Raised when Page header needs to be printed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnPaddingChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnPaint</a>	Overridden.
 <a href="#">OnPaintBackground</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentBackColorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentCursorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentEnabledChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentFontChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentForeColorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentVisibleChanged</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden.
 <a href="#">OnRightToLeftChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowChange</a>	Occurs when the focus moves to a different row.
 <a href="#">OnRowColChange</a>	Raised after a row or column currency has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowResize</a>	Overridden. Occurs when the user has finished resizing a grid row.
 <a href="#">OnSelChange</a>	Overridden. Occurs when the user selects a different range of rows or columns.
 <a href="#">OnSizeChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSort</a>	Raised when the datasource is sorted by clicking the column header. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSplitAdded</a>	Raised when a split has been added. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnSplitChange</a>	Raised when split currency has changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSplitRemoved</a>	Raised when a split has been removed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnStyleChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnSystemColorsChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnTabIndexChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnTabStopChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnTextChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnUnboundColumnFetch</a>	Overridden. Occurs when the grid needs to display the value of a cell in an unbound column.
 <a href="#">OnUnboundColumnUpdated</a>	Raised when an unbound column has been updated. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnValidated</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnValidating</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnValueItemError</a>	Overridden. Occurs when the user attempts to enter invalid data into a column that is using value lists.
 <a href="#">OnVisibleChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

	<a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetVisualStyle</a>	Resets <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> to the default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetDataSource</a>	Called when the datasource changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShouldSerializeCaptionHeight</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">ShouldSerializeRowHeight</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">ShouldSerializeSplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">ShouldSerializeVisualStyle</a>	Tests whether <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.FrameVisualStyle</a> should be serialized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	Overridden.

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## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*AddCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

Controls the [Style](#) used to change the appearance for cells meeting the specified condition.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub AddCellStyle( _     ByVal condition As CellStyleFlag, _     ByVal style As Style _ )</pre>	
C#	
<pre>public void AddCellStyle(     CellStyleFlag condition,     Style style )</pre>	

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*AddRegexCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

A regular expression string.

Controls the [Style](#) used to change the appearance of cells according to their contents.

## Syntax

Visual Basic (Declaration)

```
Public Sub AddRegexCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style, _
    ByVal regex As System.String _
)
```

C#

```
public void AddRegexCellStyle(
    CellStyleFlag condition,
    Style style,
    System.string regex
)
```

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *ClearCellStyle Method*

Restores the default layout.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ClearCellStyle( _     ByVal Condition As CellStyleFlag _ )</pre>	
C#	
<pre>public void ClearCellStyle(     CellStyleFlag Condition )</pre>	

### Parameters

*Condition*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ClearFields Method*

Restores the default layout.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ClearFields()</pre>	
C#	
<pre>public void ClearFields()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ClearRegexCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Removes a regular expression cell condition from the grid")&gt;</pre>	
<pre>Public Sub ClearRegexCellStyle( _</pre>	
<pre>    ByVal condition As CellStyleFlag _</pre>	

)	
C#	
<pre>[C1DescriptionAttribute("Removes a regular expression cell condition from the grid")] public void ClearRegexCellStyle(     CellStyleFlag condition )</pre>	

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*ColContaining Method*

The horizontal coordinate (X value) in pixels.

Returns the column index for the column containing the specified X coordinate.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function ColContaining( _     ByVal x As System.Integer _ ) As System.Integer</pre>	
C#	

<pre>Public Function ColContaining( _     ByVal x As System.Integer _ ) As System.Integer</pre>	
C#	

```
public System.int ColContaining(  
    System.int x  
)
```

## Parameters

x

The horizontal coordinate (X value) in pixels.

## Return Value

The index of the column in the [Split.DisplayColumns](#) collection beneath the specified X coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### Dispose Method

Called when the class is being disposed.

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.
<a href="#">Dispose()</a>	(Inherited from <a href="#">System.ComponentModel.Component</a> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

Dispose(Boolean) Method

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

[Overload List](#)

### *GetCurrentSelIndex Method*

Gets the current selected index.

## Syntax

### Visual Basic (Declaration)

```
Public Function GetCurrentSelIndex() As System.Integer
```

### C#

```
public System.int GetCurrentSelIndex()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *initializeStyles Method*

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub initializeStyles()
```

### C#

```
protected override void initializeStyles()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *On\_Scroll Method*

Occurs when the user scrolls the grid.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub On_Scroll( _
    ByVal e As CancelEventArgs _)
)
```

C#

```
protected override void On_Scroll(
    CancelEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnAfterColUpdate Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterColUpdate( _
    ByVal e As ColEventArgs _ 
)
```

C#

```
protected override void OnAfterColUpdate(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *OnColMove Method*

Occurs when the user has moved a column.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnColMove( _
    ByVal e As ColMoveEventArgs _ 
)
```

C#

```
protected override void OnColMove(
    ColMoveEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnColResize Method*

Occurs when the user has resized a column.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnColResize( _
    ByVal e As ColResizeEventArgs) _
)
```

C#

```
protected override void OnColResize(
    ColResizeEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnDataSourceChanged Method*

Occurs when the grids DataSource has changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnDataSourceChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnDataSourceChanged(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnDropDownClose Method*

Occurs when the dropdown closes.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnDropDownClose( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnDropDownClose(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnDropDownOpen Method*

Occurs when the dropdown is opened.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnDropDownOpen( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnDropDownOpen(
```

```
System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnFetchRowStyle Method*

Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchRowStyle( _  
    ByVal e As FetchRowStyleEventArgs _  
)
```

### C#

```
protected override void OnFetchRowStyle(  
    FetchRowStyleEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *OnFetchScrollTips Method*

Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchScrollTips( _
    ByVal e As FetchScrollTipsEventArgs _)
)
```

C#

```
protected override void OnFetchScrollTips(
    FetchScrollTipsEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnFirstRowChange Method*

Occurs when the first displayed row of a control or split is changed.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFirstRowChange( _
    ByVal e As SplitEventArgs _)
)
```

### C#

```
protected override void OnFirstRowChange(
    SplitEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnFootClick Method*

Occurs when the user clicks on the column footer.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFootClick( _
    ByVal e As ColEventArgs _)
```

```

)
C#
protected override void OnFootClick(
    ColEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *OnFormatText Method*

Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string FormatText Event.

## Syntax

### Visual Basic (Declaration)

```

Protected Overrides Sub OnFormatText( _
    ByVal e As FormatTextEventArgs _
)

```

### C#

```

protected override void OnFormatText(
    FormatTextEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnHeadClick Method*

Occurs when the user clicks on the column header.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnHeadClick( _
    ByVal e As ColEventArgs _
)
```

C#

```
protected override void OnHeadClick(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnKeyDown Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnKeyDown( _
    ByVal e As System.Windows.Forms.KeyEventArgs _)
)
```

C#

```
protected override void OnKeyDown(
    System.Windows.Forms.KeyEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnLeftColChange Method*

Occurs when the first visible column of a grid or split is changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnLeftColChange( _
    ByVal e As SplitEventArgs _ 
)
```

C#

```
protected override void OnLeftColChange(
    SplitEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*OnMouseDown Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseDown( _
    ByVal e As System.Windows.Forms.MouseEventArgs _ 
)
```

C#

```
protected override void OnMouseDown(
    System.Windows.Forms.MouseEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnMouseMove Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseMove( _
    ByVal e As System.Windows.Forms.MouseEventArgs _)
)
```

C#

```
protected override void OnMouseMove(
    System.Windows.Forms.MouseEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnMouseUp Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnMouseUp( _     ByVal e As System.Windows.Forms.MouseEventArgs _</pre>	)
C#	
<pre>protected override void OnMouseUp(     System.Windows.Forms.MouseEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnPaint Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnPaint( _     ByVal e As System.Windows.Forms.PaintEventArgs _</pre>	)
C#	

```
protected override void OnPaint(  
    System.Windows.Forms.PaintEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*OnResize Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnResize( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected override void OnResize(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OnRowChange Method*

Occurs when the focus moves to a different row.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnRowChange( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnRowChange(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnRowResize Method*

Occurs when the user has finished resizing a grid row.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnRowResize( _     ByVal e As CancelEventArgs _ )</pre>	
C#	
<pre>protected override void OnRowResize(     CancelEventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *OnSelChange Method*

Occurs when the user selects a different range of rows or columns.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnSelChange( _     ByVal e As CancelEventArgs _</pre>	

```

)
C#
protected override void OnSelChange(
    CancelEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *OnUnboundColumnFetch Method*

Occurs when the grid needs to display the value of a cell in an unbound column.

## Syntax

Visual Basic (Declaration)

```

Protected Overrides Sub OnUnboundColumnFetch( _
    ByVal e As UnboundColumnFetchEventArgs _
)

```

C#

```

protected override void OnUnboundColumnFetch(
    UnboundColumnFetchEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *OnValueItemError Method*

Occurs when the user attempts to enter invalid data into a column that is using value lists.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnValueItemError( _
    ByVal e As ColEventArgs _ )
```

C#

```
protected override void OnValueItemError(
    ColEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [C1TrueDBDropdown Class](#)

### [C1TrueDBDropdown Members](#)

#### *Rebind Method*

Reinitializes grid with data from its data source.

## Overload List

Overload	Description
<a href="#">Rebind(Boolean)</a>	Reinitializes grid with data from its data source.
<a href="#">Rebind()</a>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1TrueDBDropdown Class](#)

#### [C1TrueDBDropdown Members](#)

#### Rebind(Boolean) Method

True to preserves current column layout. False retrieves the schema from the datasource.

Reinitializes grid with data from its data source.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Reinitializes grid with data from its data source")> Public Overloads Sub Rebind( _ ByVal holdFields As System.Boolean _ )	
C#	

```
[C1DescriptionAttribute("Reinitializes grid with data from its data source")]
public void Rebind(
    System.bool holdFields
)
```

## Parameters

*holdFields*

True to preserves current column layout. False retrieves the schema from the datasource.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

[Overload List](#)

[Rebind\(\) Method](#)

## Syntax

### Visual Basic (Declaration)

```
<System.ObsoleteAttribute("Use Rebind(boolean holdFields)")>
<C1DescriptionAttribute("Reinitializes grid with data from its data source")>
Public Overloads Sub Rebind()
```

### C#

```
[System.ObsoleteAttribute("Use Rebind(boolean holdFields)")]
[C1DescriptionAttribute("Reinitializes grid with data from its data source")]
public void Rebind()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

[Overload List](#)

#### *RowContaining Method*

The vertical coordinate (Y value) in pixels.

Returns the zero-based index of the display row containing the Y specified coordinate.

## Syntax

Visual Basic (Declaration)

```
Public Function RowContaining( _
    ByVal y As System.Integer _
) As System.Integer
```

C#

```
public System.int RowContaining(
    System.int y
)
```

### Parameters

y

The vertical coordinate (Y value) in pixels.

### Return Value

The display row index beneath the specified Y coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ScrollCtl Method*

Scrolls the data area by the specified number of rows and columns

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ScrollCtl( _     ByVal Cols As System.Integer, _     ByVal Rows As System.Integer _ )</pre>	
C#	
<pre>public void ScrollCtl(     System.int Cols,     System.int Rows )</pre>	

### Parameters

*Cols*

*Rows*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*WndProc Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub WndProc( _
    ByRef m As System.Windows.Forms.Message _
)
```

C#

```
protected override void WndProc(
    ref System.Windows.Forms.Message m
)
```

## Parameters

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*Properties*

For a list of all members of this type, see [C1TrueDBDropdown members](#).

## Public Properties

	Name	Description

 <a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
 <a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
 <a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AlternatingRows</a>	Gets or sets a value indicating whether the dropdown uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.

 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bookmark</a>	Gets or sets the current row position of the underlying CurrencyManager.
 <a href="#">BorderStyle</a>	Gets or sets the border for the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Caption</a>	Gets or sets the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionHeight</a>	Gets or sets the height of the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.

	<a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Col</a>	Gets or sets the column position.
	<a href="#">ColumnCaptionHeight</a>	Gets or sets the height of column captions.
	<a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
	<a href="#">ColumnFooters</a>	Gets or sets a value indicating the visibility of column footers.
	<a href="#">ColumnHeaders</a>	Gets or sets a value indicating the visibility of column headers.
	<a href="#">Columns</a>	Gets the collection of C1 DataColumn objects.
	<a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell.
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DefColWidth</a>	Gets or sets the default width for all grid columns.
 <a href="#">DisplayColumns</a>	Gets the collection of C1DisplayColumn objects.
 <a href="#">DisplayMember</a>	Gets or sets the property used for incremental search.
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleBuffer</a>	Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DropdownWidth</a>	Gets or sets the width of the dropdown.
 <a href="#">EmptyRows</a>	Gets or sets a value that determines how the grid displays rows below the last data row.

 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the dropdown.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row.
 <a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">HighlightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of a highlighted row.
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.
 <a href="#">ImeMode</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IntegralHeight</a>	Gets or sets a value indicating whether the control should resize to avoid showing partial items.
 <a href="#">InvokeRequired</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsAccessible</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsDisposed</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsHandleCreated</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsMirrored</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">LayoutEngine</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Left</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">LeftCol</a>	Gets or sets the zero-based index of the leftmost column.
 <a href="#">Location</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Margin</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">MaximumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">MinimumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Row</a>	Gets or sets the the current row.
 <a href="#">RowCount</a>	Gets the number of rows in an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowDivider</a>	Gets or sets the style of the border drawn between rows.
 <a href="#">RowHeight</a>	Gets or sets the height of grid rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowSubDividerColor</a>	Gets or sets the color of the subrow divider in a multi-line dropdown.
 <a href="#">RowTracking</a>	Gets or sets a value that determines if rows are highlighted under the mouse.
 <a href="#">ScrollTips</a>	Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.
 <a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Site</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Size</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">SplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object.
 <a href="#">Styles</a>	Gets the collection of named <a href="#">Style</a> objects.
 <a href="#">TabIndex</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">TabStop</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Tag</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Text</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ValueMember</a>	Gets or sets the property used to update the associated grid column.
 <a href="#">ValueTranslate</a>	Gets or sets a value that determines how the grid display values in a column.
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleCols</a>	Gets the number of visible columns in the dropdown.
 <a href="#">VisibleRows</a>	Gets the number of visible rows in the dropdown.
 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Properties

	Name	Description

 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateParams</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	Overridden. Gets the default size of the control.
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

## Reference

[C1TrueDBDropdown Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *AllowColMove Property*

Gets or sets a value indicating the ability to move columns.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets a value indicating the ability to move
columns.")>
<C1CategoryAttribute("Behavior")>
Public Property AllowColMove As System.Boolean
```

C#

```
[C1DescriptionAttribute("Gets or sets a value indicating the ability to move
columns.")]
[C1CategoryAttribute("Behavior")]
public System.bool AllowColMove {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

### *AllowColSelect Property*

Gets or sets a value indicating the ability to select columns.

## Syntax

Visual Basic (Declaration)

<pre>&lt;C1CategoryAttribute("Behavior")&gt; &lt;C1DescriptionAttribute("Value indicating the ability to select columns.")&gt; Public Property AllowColSelect As System.Boolean</pre>	
C#	
<pre>[C1CategoryAttribute("Behavior")] [C1DescriptionAttribute("Value indicating the ability to select columns.")] public System.bool AllowColSelect {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*AllowRowSizing Property*

Gets or sets how interactive row resizing is performed.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("How interactive row resizing is performed.")&gt; &lt;C1CategoryAttribute("Behavior")&gt; Public Property AllowRowSizing As RowSizingEnum</pre>	
C#	
<pre>[C1DescriptionAttribute("How interactive row resizing is performed.")] [C1CategoryAttribute("Behavior")] public RowSizingEnum AllowRowSizing {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*AlternatingRows Property*

Gets or sets a value indicating whether the dropdown uses the [OddRowStyle](#) for odd-numbered rows and [EvenRowStyle](#) for even-numbered rows.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Whether the dropdown uses the OddRowStyle for odd-
numbered rows and EvenRowStyle for even-numbered rows.")>
<C1CategoryAttribute("Appearance")>
Public Property AlternatingRows As System.Boolean
```

C#

```
[C1DescriptionAttribute("Whether the dropdown uses the OddRowStyle for odd-
numbered rows and EvenRowStyle for even-numbered rows.")]
[C1CategoryAttribute("Appearance")]
public System.bool AlternatingRows {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *Bookmark Property*

Gets or sets the current row position of the underlying CurrencyManager.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Bookmark As System.Integer
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int Bookmark {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *CaptionStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the caption area.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style object that controls the appearance of the
caption area.")>
<C1CategoryAttribute("Styles")>
```

<pre>Public Property CaptionStyle As Style</pre>	
--	--

 C# |  |

<pre>[C1DescriptionAttribute("Style object that controls the appearance of the caption area.")] [C1CategoryAttribute("Styles")] public Style CaptionStyle {get; set;}</pre>	
---	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*Col Property*

Gets or sets the column position.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt;</pre>	
--	--

<pre>&lt;System.ComponentModel.BrowsableAttribute(False)&gt;</pre>	
--	--

<pre>Public Property Col As System.Integer</pre>	
--	--

C#	
----	--

<pre>[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)]</pre>	
--	--

<pre>[System.ComponentModel.BrowsableAttribute(false)]</pre>	
--	--

<pre>public System.int Col {get; set;}</pre>	
--	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*ColumnCaptionHeight Property*

Gets or sets the height of column captions.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Height of column captions.")>
<C1CategoryAttribute("Appearance")>
Public Property ColumnCaptionHeight As System.Integer
```

C#

```
[C1DescriptionAttribute("Height of column captions.")]
[C1CategoryAttribute("Appearance")]
public System.int ColumnCaptionHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*ColumnFooterHeight Property*

Gets or sets the height of column footers.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Height of column footers.")> <C1CategoryAttribute("Appearance")> Public Property ColumnFooterHeight As System.Integer	
C#	
[C1DescriptionAttribute("Height of column footers.")] [C1CategoryAttribute("Appearance")] public System.int ColumnFooterHeight {get; set;}	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

*ColumnFooters Property*

Gets or sets a value indicating the visibility of column footers.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Appearance")> <System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute("Visibility of column footers.")> Public Property ColumnFooters As System.Boolean	
C#	
[C1CategoryAttribute("Appearance")]	

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Visibility of column footers.")]
public System.bool ColumnFooters {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *ColumnHeaders Property*

Gets or sets a value indicating the visibility of column headers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Visibility of column headers.")>
<C1CategoryAttribute("Appearance")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property ColumnHeaders As System.Boolean
```

C#

```
[C1DescriptionAttribute("Visibility of column headers.")]
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool ColumnHeaders {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *Columns Property*

Gets the collection of C1 DataColumn objects.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets the collection of C1 DataColumn objects.")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="
C1.Win.C1TrueDBGrid.Design.C1DataColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
<C1CategoryAttribute("Data")>
Public ReadOnly Property Columns As C1DataColumnCollection
```

C#

```
[C1DescriptionAttribute("Gets the collection of C1 DataColumn objects.")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="
C1.Win.C1TrueDBGrid.Design.C1DataColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")]
[C1CategoryAttribute("Data")]
public C1DataColumnCollection Columns {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

[Reference](#)

## [C1TrueDBDropdown Class](#)

### [C1TrueDBDropdown Members](#)

#### *CurrentCellVisible Property*

Gets or sets a value indicating the visibility of the current cell.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns the visibility of the current cell")>
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property CurrentCellVisible As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Sets/returns the visibility of the current cell")]
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.bool CurrentCellVisible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1TrueDBDropdown Class](#)

#### [C1TrueDBDropdown Members](#)

#### *DefaultSize Property*

Gets the default size of the control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides ReadOnly Property DefaultSize As System.Drawing.Size
```

C#

```
protected override System.Drawing.Size DefaultSize {get;}
```

## Property Value

The default **System.Drawing.Size** of the control.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*DefColWidth Property*

Gets or sets the default width for all grid columns.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Appearance")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Default width for all grid columns.")>
Public Property DefColWidth As System.Integer
```

C#

```
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Default width for all grid columns.")]
public System.int DefColWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *DisplayColumns Property*

Gets the collection of C1DisplayColumn objects.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("The collection of C1DisplayColumn objects.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)> Public ReadOnly Property DisplayColumns As C1DisplayColumnCollection	
C#	
[C1DescriptionAttribute("The collection of C1DisplayColumn objects.")] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] public C1DisplayColumnCollection DisplayColumns {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBDropdown Class

### C1TrueDBDropdown Members

#### *DisplayMember Property*

Gets or sets the property used for incremental search.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Data")>
<C1DescriptionAttribute("Property used for incremental search.")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Windows.Forms.Design.DataMemberFieldEditor, System.Design"
)>
Public Property DisplayMember As System.String
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Data")]
[C1DescriptionAttribute("Property used for incremental search.")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Windows.Forms.Design.DataMemberFieldEditor, System.Design"
)]
public System.string DisplayMember {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBDropdown Class

### C1TrueDBDropdown Members

#### *DropdownWidth Property*

Gets or sets the width of the dropdown.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Width of the dropdown.")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Appearance")>
Public Property DropdownWidth As DropdownWidthEnum
```

### C#

```
[C1DescriptionAttribute("Width of the dropdown.")]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Appearance")]
public DropdownWidthEnum DropdownWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### C1TrueDBDropdown Class

#### C1TrueDBDropdown Members

#### *EmptyRows Property*

Gets or sets a value that determines how the grid displays rows below the last data row.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Value that determines how the grid displays rows below
```

<pre>the last data row."&gt; &lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;C1CategoryAttribute("Display")&gt; Public Property EmptyRows As System.Boolean</pre>	C#
<pre>[C1DescriptionAttribute("Value that determines how the grid displays rows below the last data row.")] [System.ComponentModel.DefaultValueAttribute()] [C1CategoryAttribute("Display")] public System.bool EmptyRows {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *EvenRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an even-numbered row when using [AlternatingRows](#).

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Style object that controls the appearance of an even- numbered row.")&gt; &lt;C1CategoryAttribute("Styles")&gt; Public Property EvenRowStyle As Style</pre>	
C#	
<pre>[C1DescriptionAttribute("Style object that controls the appearance of an even- numbered row.")]</pre>	

```
[C1CategoryAttribute("Styles")]
public Style EvenRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*ExtendRightColumn Property*

Gets or sets a value that determines how the last column will extend to fill the dead area of the dropdown.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Extends the right column to the right edge of the controls when all columns are visible")>	
<C1CategoryAttribute("Display")>	
<System.ComponentModel.DefaultValueAttribute()>	
Public Property ExtendRightColumn As System.Boolean	

	[C1DescriptionAttribute("Extends the right column to the right edge of the controls when all columns are visible")]
	[C1CategoryAttribute("Display")]
	[System.ComponentModel.DefaultValueAttribute()]
	public System.bool ExtendRightColumn {get; set;}

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*FetchRowStyles Property*

Gets or sets a value indicating whether the [FetchRowStyle](#) event will be raised.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Value indicating whether the FetchRowStyle event will
be raised.")>
Public Property FetchRowStyles As System.Boolean
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Value indicating whether the FetchRowStyle event will
be raised.")]
public System.bool FetchRowStyles {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*FirstRow Property*

Gets or sets the row index for the first visible row.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property FirstRow As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int FirstRow {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*FooterStyle Property*

Gets or sets the [Style](#) object that controls the appearance of column footers.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Style object that controls the appearance of column
footers.")>
Public Property FooterStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Style object that controls the appearance of column
```

```
footers.")]  
public Style FooterStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *HeadingStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the grids column headers.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Styles")> <C1DescriptionAttribute("Style object that controls the appearance of the grids column headers.")> Public Property HeadingStyle As Style	
C#	
[C1CategoryAttribute("Styles")] [C1DescriptionAttribute("Style object that controls the appearance of the grids column headers.")] public Style HeadingStyle {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *HighLightRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of a highlighted row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style object that controls the appearance of a  
highlighted row.")>  
<C1CategoryAttribute("Styles")>  
Public Property HighLightRowStyle As Style
```

C#

```
[C1DescriptionAttribute("Style object that controls the appearance of a  
highlighted row.")]  
[C1CategoryAttribute("Styles")]  
public Style HighLightRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *HScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.HBar](#) object that controls the appearance of the horizontal scrollbar.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(True)>
<C1CategoryAttribute("ScrollBars")>
<C1DescriptionAttribute("Horizontal Scroll Bar")>
Public ReadOnly Property HScrollBar As HBar
```

C#

```
[System.ComponentModel.BrowsableAttribute(true)]
[C1CategoryAttribute("ScrollBars")]
[C1DescriptionAttribute("Horizontal Scroll Bar")]
public HBar HScrollBar {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *IntegralHeight Property*

Gets or sets a value indicating whether the control should resize to avoid showing partial items.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Value indicating whether the control should resize to
avoid showing partial items.")>
<C1CategoryAttribute("Behavior")>
Public Property IntegralHeight As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
```

```
[C1DescriptionAttribute("Value indicating whether the control should resize to
avoid showing partial items.")]
[C1CategoryAttribute("Behavior")]
public System.bool IntegralHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *LeftCol Property*

Gets or sets the zero-based index of the leftmost column.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property LeftCol As System.Integer
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int LeftCol {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*OddRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an odd-numbered row when using [AlternatingRows](#).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style object that controls the appearance of an odd-
numbered row.")>
<C1CategoryAttribute("Styles")>
Public Property OddRowStyle As Style
```

C#

```
[C1DescriptionAttribute("Style object that controls the appearance of an odd-
numbered row.")]
[C1CategoryAttribute("Styles")]
public Style OddRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*Row Property*

Gets or sets the the current row.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Row As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int Row {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*RowDivider Property*

Gets or sets the style of the border drawn between rows.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style and color of row dividers")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)>
<System.ComponentModel.BrowsableAttribute(True)>
<C1CategoryAttribute("Appearance")>
Public Property RowDivider As GridLines
```

C#

```

[C1DescriptionAttribute("Style and color of row dividers")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)]
[System.ComponentModel.BrowsableAttribute(true)]
[C1CategoryAttribute("Appearance")]
public GridLines RowDivider {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*RowSubDividerColor Property*

Gets or sets the color of the subrow divider in a multi-line dropdown.

## Syntax

### Visual Basic (Declaration)

```

<System.ComponentModel.BrowsableAttribute(True)>
<C1DescriptionAttribute("Color of the subrow divider in a multi-line grid")>
<C1CategoryAttribute("Appearance")>
Public Property RowSubDividerColor As System.Drawing.Color

```

### C#

```

[System.ComponentModel.BrowsableAttribute(true)]
[C1DescriptionAttribute("Color of the subrow divider in a multi-line grid")]
[C1CategoryAttribute("Appearance")]
public System.Drawing.Color RowSubDividerColor {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*RowTracking Property*

Gets or sets a value that determines if rows are highlighted under the mouse.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Value that determines if rows are highlighted under the
mouse.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property RowTracking As System.Boolean
```

C#

```
[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Value that determines if rows are highlighted under the
mouse.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool RowTracking {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ScrollTips Property*

Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Enables/disables scroll tips")>
Public Property ScrollTips As System.Boolean
```

### C#

```
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Enables/disables scroll tips")]
public System.bool ScrollTips {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *Style Property*

Gets or sets the root [Style](#) object.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Root Style object.")>
<C1CategoryAttribute("Styles")>
Public Property Style As Style
```

C#

```
[C1DescriptionAttribute("Root Style object.")]
[C1CategoryAttribute("Styles")]
public Style Style {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*Styles Property*

Gets the collection of named [Style](#) objects.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Collection of named Style objects.")>
<C1CategoryAttribute("Styles")>
Public ReadOnly Property Styles As GridStyleCollection
```

C#

```
[C1DescriptionAttribute("Collection of named Style objects.")]
[C1CategoryAttribute("Styles")]
public GridStyleCollection Styles {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ValueMember Property*

Gets or sets the property used to update the associated grid column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Windows.Forms.Design.DataMemberFieldEditor, System.Design"
)>
<C1DescriptionAttribute("Background color of the dead area in the grid")>
<C1CategoryAttribute("Data")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property ValueMember As System.String
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Windows.Forms.Design.DataMemberFieldEditor, System.Design"
)]
[C1DescriptionAttribute("Background color of the dead area in the grid")]
[C1CategoryAttribute("Data")]
[System.ComponentModel.DefaultValueAttribute()]
public System.string ValueMember {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ValueTranslate Property*

Gets or sets a value that determines how the grid display values in a column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("How the grid displays values in a column.")>
<C1CategoryAttribute("Behavior")>
Public Property ValueTranslate As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("How the grid displays values in a column.")]
[C1CategoryAttribute("Behavior")]
public System.bool ValueTranslate {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *VisibleCols Property*

Gets the number of visible columns in the dropdown.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property VisibleCols As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
public System.int VisibleCols {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*VisibleRows Property*

Gets the number of visible rows in the dropdown.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property VisibleRows As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
public System.int VisibleRows {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *VScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.VBar](#) object that controls the appearance of the vertical scrollbar.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("ScrollBars")> <C1DescriptionAttribute("Vertical Scroll Bar")> Public ReadOnly Property VScrollBar As VBar	
C#	
[C1CategoryAttribute("ScrollBars")] [C1DescriptionAttribute("Vertical Scroll Bar")] public VBar VScrollBar {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *Events*

For a list of all members of this type, see [C1TrueDBDropdown members](#).

## Public Events

	Name	Description

 <a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ColMove</a>	Occurs when the user has moved a column.
 <a href="#">ColResize</a>	Occurs when the user has resized a column.
 <a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataSourceChanged</a>	Occurs when the grids DataSource has changed.
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DropDownClose</a>	Occurs when the dropdown closes.
 <a href="#">DropDownOpen</a>	Occurs when the dropdown is opened.
 <a href="#">EnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FetchRowStyle</a>	Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.
 <a href="#">FetchScrollTips</a>	Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.
 <a href="#">FirstRowChange</a>	Occurs when the first displayed row of a control or split is changed.
 <a href="#">FontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FootClick</a>	Occurs when the user clicks on the column footer.
 <a href="#">ForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormatText</a>	Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string

		FormatText Event.
⚡	GiveFeedback	(Inherited from System.Windows.Forms.Control)
⚡	GotFocus	(Inherited from System.Windows.Forms.Control)
⚡	HandleCreated	(Inherited from System.Windows.Forms.Control)
⚡	HandleDestroyed	(Inherited from System.Windows.Forms.Control)
⚡	HeadClick	Occurs when the user clicks on the column header.
⚡	HelpRequested	(Inherited from System.Windows.Forms.Control)
⚡	ImeModeChanged	(Inherited from System.Windows.Forms.Control)
⚡	Invalidated	(Inherited from System.Windows.Forms.Control)
⚡	KeyDown	(Inherited from System.Windows.Forms.Control)
⚡	KeyPress	(Inherited from System.Windows.Forms.Control)
⚡	KeyUp	(Inherited from System.Windows.Forms.Control)
⚡	Layout	(Inherited from System.Windows.Forms.Control)
⚡	Leave	(Inherited from System.Windows.Forms.Control)
⚡	LeftColChange	Occurs when the first visible column of a grid or split is changed.
⚡	LocationChanged	(Inherited from System.Windows.Forms.Control)
⚡	LostFocus	(Inherited from System.Windows.Forms.Control)

 MarginChanged	(Inherited from System.Windows.Forms.Control)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)
 MouseEnter	(Inherited from System.Windows.Forms.Control)
 MouseHover	(Inherited from System.Windows.Forms.Control)
 MouseLeave	(Inherited from System.Windows.Forms.Control)
 MouseMove	(Inherited from System.Windows.Forms.Control)
 MouseUp	(Inherited from System.Windows.Forms.Control)
 MouseWheel	(Inherited from System.Windows.Forms.Control)
 Move	(Inherited from System.Windows.Forms.Control)
 PaddingChanged	(Inherited from System.Windows.Forms.Control)
 Paint	(Inherited from System.Windows.Forms.Control)
 ParentChanged	(Inherited from System.Windows.Forms.Control)
 PreviewKeyDown	(Inherited from System.Windows.Forms.Control)
 QueryAccessibilityHelp	(Inherited from System.Windows.Forms.Control)
 QueryContinueDrag	(Inherited from System.Windows.Forms.Control)

 RegionChanged	(Inherited from System.Windows.Forms.Control)
 Resize	(Inherited from System.Windows.Forms.Control)
 RightToLeftChanged	(Inherited from System.Windows.Forms.Control)
 RowChange	Occurs when the focus moves to a different row.
 RowResize	Occurs when the user has finished resizing a grid row.
 Scroll	Occurs when the user scrolls the grid.
 SelChange	Occurs when the user selects a different range of rows or columns.
 SizeChanged	(Inherited from System.Windows.Forms.Control)
 StyleChanged	(Inherited from System.Windows.Forms.Control)
 SystemColorsChanged	(Inherited from System.Windows.Forms.Control)
 TabIndexChanged	(Inherited from System.Windows.Forms.Control)
 TabStopChanged	(Inherited from System.Windows.Forms.Control)
 TextChanged	(Inherited from System.Windows.Forms.Control)
 UnboundColumnFetch	Occurs when the grid needs to display the value of a cell in an unbound column.
 Validated	(Inherited from System.Windows.Forms.Control)
 Validating	(Inherited from System.Windows.Forms.Control)
 ValueItemError	Occurs when the user attempts to enter invalid data into a

		column that is using value lists.
⚡	<a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
⚡	<a href="#">VisualStyleChanged</a>	Occurs when visual style property has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

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## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *ColMove Event*

Occurs when the user has moved a column.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs when the user has moved a column.")> Public Event ColMove As ColMoveEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs when the user has moved a column.")] public event ColMoveEventHandler ColMove	

## Event Data

The event handler receives an argument of type [ColMoveEventArgs](#) containing data related to this event. The following **ColMoveEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

<a href="#">ColIndex</a>	Indicates the starting position in the <code>DisplayColumns</code> collection.
<a href="#">Column</a>	Gets the <code>C1DisplayColumn</code> that is being moved.
<a href="#">Position</a>	Indicates the target index of the column being moved.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *ColResize Event*

Occurs when the user has resized a column.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the user has resized a column.")>
<C1CategoryAttribute("Action")>
Public Event ColResize As ColResizeEventHandler
```

### C#

```
[C1DescriptionAttribute("Occurs when the user has resized a column.")]
[C1CategoryAttribute("Action")]
public event ColResizeEventHandler ColResize
```

## Event Data

The event handler receives an argument of type `ColResizeEventArgs` containing data related to this event. The following **ColResizeEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that sizing should be ignored.
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn for the column being sized.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*DataSourceChanged Event*

Occurs when the grids DataSource has changed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Occurs when the grids DataSource has changed.")>
<C1CategoryAttribute("Data")>
Public Event DataSourceChanged As System.EventHandler
```

C#	
----	--

```
[C1DescriptionAttribute("Occurs when the grids DataSource has changed.")] 
[C1CategoryAttribute("Data")]
public event System.EventHandler DataSourceChanged
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*DropDownClose Event*

Occurs when the dropdown closes.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs when the dropdown closes.")>	
<C1CategoryAttribute("Action")>	
<b>Public Event</b> DropDownClose <b>As</b> System.EventHandler	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*DropDownOpen Event*

Occurs when the dropdown is opened.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs when the dropdown is opened.")> Public Event DropDownOpen As System.EventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs when the dropdown is opened.")] public event System.EventHandler DropDownOpen	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *FetchRowStyle Event*

Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.")> <C1CategoryAttribute("Styles")> Public Event FetchRowStyle As FetchRowStyleEventHandler	
C#	
[C1DescriptionAttribute("Occurs whenever the grid is about to display a row of data and the FetchRowStyles property is True.")] [C1CategoryAttribute("Styles")] public event FetchRowStyleEventHandler FetchRowStyle	

```

data and the FetchRowStyles property is True.")]
[C1CategoryAttribute("Styles")]
public event FetchRowStyleEventHandler FetchRowStyle

```

## Event Data

The event handler receives an argument of type [FetchRowStyleEventArgs](#) containing data related to this event. The following **FetchRowStyleEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellStyle</a>	The Style used to render the row.
<a href="#">Row</a>	The index of the row for the cell being rendered.
<a href="#">Split</a>	Indicates the position in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *FetchScrollTips Event*

Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.

## Syntax

### Visual Basic (Declaration)

```

<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Occurs whenever the grid has focus and the scrollbar
thumb is moved using the mouse.")>

```

<b>Public Event</b> FetchScrollTips <b>As</b> FetchScrollTipsEventHandler	
C#	
[C1CategoryAttribute("Behavior")] [C1DescriptionAttribute("Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.")] <b>public event</b> FetchScrollTipsEventHandler FetchScrollTips	

## Event Data

The event handler receives an argument of type [FetchScrollTipsEventArgs](#) containing data related to this event. The following **FetchScrollTipsEventArgs** properties provide information specific to this event.

Property	Description
ColIndex	Indicates the position in the DisplayColumns collection.
Column	The current C1DisplayColumn.
Row	The index of the topmost row for the scroll tip.
ScrollBar	Indicates the scrollbar that was moved.
ScrollTip	The text to be displayed in the scroll tip.
SplitIndex	Indicates the position of the Split in the Splits collection.
TipStyle	The Style used to render the scroll tip.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *FirstRowChange Event*

Occurs when the first displayed row of a control or split is changed.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the first displayed row of a control or
split is changed.")>
<C1CategoryAttribute("Behavior")>
Public Event FirstRowChange As SplitEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs when the first displayed row of a control or
split is changed.")]
[C1CategoryAttribute("Behavior")]
public event SplitEventHandler FirstRowChange
```

## Event Data

The event handler receives an argument of type [SplitEventArgs](#) containing data related to this event. The following **SplitEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *FootClick Event*

Occurs when the user clicks on the column footer.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs when the user clicks on the column footer.")> Public Event FootClick As ColEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs when the user clicks on the column footer.")] public event ColEventHandler FootClick	

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event.

The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *FormatText Event*

Occurs when the grid is about to display cell data in a column whose NumberFormat property is set to the string FormatText Event.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the grid is about to display cell data in a  
column whose NumberFormat property is set to the string FormatText Event.")>  
<C1CategoryAttribute("Behavior")>  
Public Event FormatText As FormatTextEventHandler
```

### C#

```
[C1DescriptionAttribute("Occurs when the grid is about to display cell data in a  
column whose NumberFormat property is set to the string FormatText Event.")]  
[C1CategoryAttribute("Behavior")]  
public event FormatTextEventHandler FormatText
```

## Event Data

The event handler receives an argument of type [FormatTextEventArgs](#) containing data related to this event. The following **FormatTextEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the Columns collection.
<a href="#">Column</a>	The <a href="#">C1DataColumn</a> object.
<a href="#">Row</a>	The row index for the cell to be formatted.
<a href="#">Value</a>	The value to format.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*HeadClick Event*

Occurs when the user clicks on the column header.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the user clicks on the column header.")>
<C1CategoryAttribute("Action")>
Public Event HeadClick As ColEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs when the user clicks on the column header.")]
[C1CategoryAttribute("Action")]
public event ColEventHandler HeadClick
```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *LeftColChange Event*

Occurs when the first visible column of a grid or split is changed.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1CategoryAttribute("Behavior")&gt; &lt;C1DescriptionAttribute("Occurs when the first visible column of a grid or split is changed.")&gt; Public Event LeftColChange As SplitEventHandler</pre>	
C#	
<pre>[C1CategoryAttribute("Behavior")] [C1DescriptionAttribute("Occurs when the first visible column of a grid or split is changed.")] public event SplitEventHandler LeftColChange</pre>	

## Event Data

The event handler receives an argument of type [SplitEventArgs](#) containing data related to this event. The following **SplitEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *RowChange Event*

Occurs when the focus moves to a different row.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Focus")>
<C1DescriptionAttribute("Occurs when the focus moves to a different row.")>
Public Event RowChange As System.EventHandler
```

C#

```
[C1CategoryAttribute("Focus")]
[C1DescriptionAttribute("Occurs when the focus moves to a different row.")]
public event System.EventHandler RowChange
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *RowResize Event*

Occurs when the user has finished resizing a grid row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the user has finished resizing a grid
row.")>
<C1CategoryAttribute("Action")>
```

<pre>Public Event RowResize As CancelEventHandler</pre>	
C#	
<pre>[C1DescriptionAttribute("Occurs when the user has finished resizing a grid row.")] [C1CategoryAttribute("Action")] public event CancelEventHandler RowResize</pre>	

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

#### *Scroll Event*

Occurs when the user scrolls the grid.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1CategoryAttribute("Action")&gt; &lt;C1DescriptionAttribute("Occurs when the user scrolls the grid.")&gt; Public Event Scroll As CancelEventHandler</pre>	

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when the user scrolls the grid.")]
public event CancelEventHandler Scroll
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

*SelChange Event*

Occurs when the user selects a different range of rows or columns.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when the user selects a different range of rows
or columns.")>
Public Event SelChange As CancelEventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when the user selects a different range of rows
or columns.")]
public event CancelEventHandler SelChange
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

#### *UnboundColumnFetch Event*

Occurs when the grid needs to display the value of a cell in an unbound column.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Behavior")> <C1DescriptionAttribute("Occurs when the grid needs to display the value of a cell in an unbound column.")> Public Event UnboundColumnFetch As UnboundColumnFetchEventHandler	
C#	
[C1CategoryAttribute("Behavior")]	

```
[C1DescriptionAttribute("Occurs when the grid needs to display the value of a
cell in an unbound column.")]
public event UnboundColumnFetchEventHandler UnboundColumnFetch
```

## Event Data

The event handler receives an argument of type [UnboundColumnFetchEventArgs](#) containing data related to this event. The following **UnboundColumnFetchEventArgs** properties provide information specific to this event.

Property	Description
Col	Indicates the position in the Columns collection.
Column	The <a href="#">C1DataColumn</a> object.
Row	The index of the row.
Value	Gets or sets the value of the Column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)

[C1TrueDBDropdown Members](#)

### *ValueItemError Event*

Occurs when the user attempts to enter invalid data into a column that is using value lists.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Behavior")>	

```

<C1DescriptionAttribute("Occurs when the user attempts to enter invalid data
into a column that is using value lists.")>
Public Event ValueItemError As ColEventHandler

C#

```

```

[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Occurs when the user attempts to enter invalid data
into a column that is using value lists.")]
public event ColEventHandler ValueItemError

```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBDropdown Class](#)  
[C1TrueDBDropdown Members](#)

[C1TrueDBGrid](#)  
C1TrueDBGrid control object.

## Object Model

C1TrueDBGrid

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ComplexBindingPropertiesAttribute(DataSource="DataSource"
, DataMember="DataMember")>
<System.ComponentModel.DefaultPropertyAttribute("DataSource")>
<System.Windows.Forms.DockingAttribute(DockingBehavior.Ask)>
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.LicenseProviderAttribute()>
<System.Drawing.ToolboxBitmapAttribute()>
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBGridDesigner, C1.Win.C1TrueDBGrid.4.Design")>
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemTypeName="System.Drawing.Design.ToolboxItem, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Class C1TrueDBGrid
    Inherits C1.Win.C1TrueDBGrid.BaseGrid.Frame
```

C#

```
[System.ComponentModel.ComplexBindingPropertiesAttribute(DataSource="DataSource"
, DataMember="DataMember")]
[System.ComponentModel.DefaultPropertyAttribute("DataSource")]
[System.Windows.Forms.DockingAttribute(DockingBehavior.Ask)]
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.LicenseProviderAttribute()]
[System.Drawing.ToolboxBitmapAttribute()]
[System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBGridDesigner, C1.Win.C1TrueDBGrid.4.Design")]
[System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemTypeName="System.Drawing.Design.ToolboxItem, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.LocalizableAttribute(true)]
```

```
public class C1TrueDBGrid : C1.Win.C1TrueDBGrid.BaseGrid.Frame
```

## Inheritance Hierarchy

```
System.Object
  System.MarshalByRefObject
  System.ComponentModel.Component
  System.Windows.Forms.Control
    C1.Win.C1TrueDBGrid.BaseGrid.Frame
      C1.Win.C1TrueDBGrid.C1TrueDBGrid
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*  
C1TrueDBGrid control object.

## Object Model

C1TrueDBGrid

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ComplexBindingPropertiesAttribute(DataSource="DataSource"
, DataMember="DataMember")>
<System.ComponentModel.DefaultPropertyAttribute("DataSource")>
<System.Windows.Forms.DockingAttribute(DockingBehavior.Ask)>
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.LicenseProviderAttribute()>
<System.Drawing.ToolboxBitmapAttribute()>
```

```

<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBGridDesigner,
C1.Win.C1TrueDBGrid.4.Design")>
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem,
System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Class C1TrueDBGrid
    Inherits C1.Win.C1TrueDBGrid.BaseGrid.Frame

C#
[System.ComponentModel.ComplexBindingPropertiesAttribute(DataSource="DataSource",
, DataMember="DataMember")]
[System.ComponentModel.DefaultPropertyAttribute("DataSource")]
[System.Windows.Forms.DockingAttribute(DockBehavior.Ask)]
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.LicenseProviderAttribute()]
[System.Drawing.ToolboxBitmapAttribute()]
[System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner", DesignerTypeName="C1.Win.C1TrueDBGrid.TDBGridDesigner,
C1.Win.C1TrueDBGrid.4.Design")]
[System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=System.Drawing.Design.ToolboxItem, ToolboxItemName="System.Drawing.Design.ToolboxItem,
System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.LocalizableAttribute(true)]
public class C1TrueDBGrid : C1.Win.C1TrueDBGrid.BaseGrid.Frame

```

## Inheritance Hierarchy

System.Object  
 System.MarshalByRefObject  
 System.ComponentModel.Component  
 System.Windows.Forms.Control  
 C1.Win.C1TrueDBGrid.BaseGrid.Frame  
**C1.Win.C1TrueDBGrid.C1TrueDBGrid**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [C1TrueDBGrid](#).

## Public Constructors

	Name	Description
	<a href="#">C1TrueDBGrid Constructor</a>	The C1TrueDBGrid control.

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## Public Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AddNewMode</a>	Gets a value that describes the current AddNew state.

 <a href="#">AllowAddNew</a>	Gets or sets a value indicating the ability to add new rows.
 <a href="#">AllowArrows</a>	Gets or sets a value indicating whether arrow keys can be used to navigate around the grid.
 <a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns in the grid.
 <a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns in the grid.
 <a href="#">AllowDelete</a>	Gets or sets a value indicating the ability to delete records from the grid.
 <a href="#">AllowDrag</a>	Gets or sets a value indicating the ability to drag from the grid.
 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowHorizontalSplit</a>	Gets or sets a value indicating whether a user is allowed to create horizontal splits.
 <a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows in the grid.
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.

 <a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowUpdate</a>	Gets or sets a value indicating the ability of a user to modify data.
 <a href="#">AllowUpdateOnBlur</a>	Gets or sets a value indicating how the grid updates modified data when the grid loses focus.
 <a href="#">AllowVerticalSplit</a>	Gets or sets a value indicating whether a user is allowed to create vertical splits.
 <a href="#">AlternatingRows</a>	Gets or sets a value indicating whether the grid or split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.
 <a href="#">Anchor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">AutoScrollOffset</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">BackColor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">BackgroundImage</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">BackgroundImageLayout</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Bands</a>	Gets the number of levels within a hierarchical grid.
 <a href="#">BindingContext</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Bookmark</a>	Gets or sets the current row position of the underlying <a href="#">CurrencyManager</a> .
 <a href="#">BorderStyle</a>	Gets or sets the border for the control. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a>
 <a href="#">Bottom</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">CanFocus</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">Caption</a>		Gets or sets the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionHeight</a>		Gets or sets the height of the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionStyle</a>		Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.
 <a href="#">Capture</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">CellTips</a>		Gets or sets whether the grid displays a pop-up text window when the cursor is idle.
 <a href="#">CellTipsDelay</a>		Gets or sets the amount of time in milliseconds before the cell tip window is displayed.
 <a href="#">CellTipsWidth</a>		Gets or sets the width of the cell tip window.
 <a href="#">ChildGrid</a>		Gets or sets the C1TrueDBGrid control used as a child grid in a hierarchical presentation.
 <a href="#">ClientRect</a>		(Inherited from System.Windows.Forms.Control)

 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Col</a>	Gets or sets the column position of the current cell in the current split.
 <a href="#">CollapseColor</a>	Gets or sets the color of the collapse icon.
 <a href="#">ColumnFooters</a>	Gets or sets a value indicating the visibility of column footers.
 <a href="#">ColumnHeaders</a>	Gets or sets a value indicating the visibility of column headers.
 <a href="#">Columns</a>	Gets the collection of C1 DataColumn objects.
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell in a split.
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DataChanged</a>	Gets or sets a value indicating the modification status of the current row.
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataView</a>	Gets or sets the layout by which the grid will display data.
 <a href="#">DefColWidth</a>	Gets or sets the default width for all grid columns.
 <a href="#">DestinationCol</a>	Gets the column which will be current after cell movement.
 <a href="#">DestinationRow</a>	Gets the row which will be current after cell movement.
 <a href="#">DestinationSplit</a>	Gets the split index which will be current after cell movement.
 <a href="#">DirectionAfterEnter</a>	Gets or sets a value that determines the relative position of the next cell when the user presses the Enter key.
 <a href="#">DisplayRectangle</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Disposing</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Dock</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DoubleBuffer</a>	Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">EditActive</a>	Gets or sets a value indicating the editing status of the current cell.
 <a href="#">EditDropDown</a>	Gets or sets a value indicating whether editing will take place in a popup window or within cell boundaries.
 <a href="#">Editor</a>	Gets a reference to the cell editor that is currently active.
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
 <a href="#">EmptyRows</a>	Gets or sets a value that determines how the grid displays rows below the last data row.
 <a href="#">Enabled</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ErrorImage</a>	Gets or sets the image used for <a href="#">ErrorProvider</a> .
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExpandColor</a>	Gets or sets the color of the expand icon in hierarchical grids.
 <a href="#">ExposeCellMode</a>	Gets or sets how the rightmost column reacts when clicked by the user.
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the grid.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FilterActive</a>	Gets or sets a value indicating whether the filter bar has focus.

 <a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
 <a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">FilterBar</a> .
 <a href="#">FilterWatermarkStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">C1DataColumn.FilterWatermark</a> .
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row in a grid or split.
 <a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Focused</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">FocusedSplit</a>	Gets the Split that has focus.
 <a href="#">Font</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">ForeColor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">GroupByAreaVisible</a>	Gets or sets a value indicating the visibility of the Grouping area of the grid when the <a href="#">DataView</a> property is set to <a href="#">GroupBy</a> .
 <a href="#">GroupByCaption</a>	Gets or sets the text displayed in the grouping area when no columns have been grouped.
 <a href="#">GroupByRectangle</a>	Gets the rectangle occupied by the grouping area.

 <a href="#">GroupedColumns</a>	Gets the collection of columns that are grouped.
 <a href="#">GroupStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of grouping area.
 <a href="#">Handle</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">HasChildren</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
 <a href="#">Height</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">HighlightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.
 <a href="#">ImeMode</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.
 <a href="#">InvokeRequired</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsAccessible</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsDisposed</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsHandleCreated</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsMirrored</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">Item</a>	Overloaded. Gets the row object associated with the given row.
 <a href="#">Language</a>	Gets or sets the language to use when localizing the column filters.
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LeftCol</a>	Gets or sets the zero-based index of the leftmost column in a grid or split.
 <a href="#">LinesPerPage</a>	Gets or sets the number of subrows of the grid when the <a href="#">DataView</a> property is set to MultipleLinesFixed.
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaintainRowCurrency</a>	Gets or sets a value indicating the behavior of the grid and row currency when the grid's datasource is sorted.
 <a href="#">Margin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a grid.
 <a href="#">MatchEntryTimeOut</a>	Gets or sets the time (milliseconds) in which the incremental search string will reset for a dropdown when the <a href="#">C1DisplayColumn.DropDownList</a> property is True.
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MultiSelect</a>	Gets or sets the selection state of the grid.

 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PictureAddnewRow</a>	Gets or sets the Image used in the record selector to indicate the AddNew row.
 <a href="#">PictureCurrentRow</a>	Gets or sets the Image used in the record selector to indicate the Current row.
 <a href="#">PictureFilterBar</a>	Gets or sets the Image used in the record selector to indicate the FilterBar row.
 <a href="#">PictureFooterRow</a>	Gets or sets the Image used in the record selector to indicate the Footer row.
 <a href="#">PictureHeaderRow</a>	Gets or sets the Image used in the record selector to indicate the Header row.
 <a href="#">PictureModifiedRow</a>	Gets or sets the Image used in the record selector to indicate the Modified row.
 <a href="#">PictureStandardRow</a>	Gets or sets the Image used in the record selector to indicate the Standard row.
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewInfo</a>	Gets the <a href="#">PrintPreviewWinSettings</a> object.
 <a href="#">PrintInfo</a>	Gets the <a href="#">PrintInfo</a> object.

 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for a grid or split.
 <a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
 <a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Row</a>	Gets or sets the the current row.
 <a href="#">RowCount</a>	Gets the number of rows in an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowDivider</a>	Gets or sets the style of the border drawn between grid rows.
 <a href="#">RowHeight</a>	Gets or sets the height of grid rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid.

		(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowSubDividerColor</a>	Gets or sets the color of the subrow divider in a multi-line grid.	
 <a href="#">ScrollTips</a>	Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.	
 <a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">SelectedCols</a>	Gets the collection of columns that are currently selected.	
 <a href="#">SelectedRows</a>	Gets the collection of rows that are currently selected.	
 <a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.	
 <a href="#">SelectedText</a>	Gets or sets the string containing the currently selected text within the grid's editing window.	
 <a href="#">SelectionLength</a>	Gets or sets the number of characters selected within the grid's editing window.	
 <a href="#">SelectionStart</a>	Gets or sets the starting point of the text selection within the grid's editing window.	
 <a href="#">SelRange</a>	Gets a value indicating whether a range of cells has been selected.	
 <a href="#">Site</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">Size</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	

 <a href="#">SplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SplitIndex</a>	Gets or sets the index of the current <a href="#">Split</a> within the <a href="#">SplitCollection</a> .
 <a href="#">Splits</a>	Gets the collection of <a href="#">Split</a> objects.
 <a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object.
 <a href="#">Styles</a>	Gets the collection of named <a href="#">Style</a> objects.
 <a href="#">TabAcrossSplits</a>	Gets or sets a value indicating the behavior of the tab and arrow keys at split borders.
 <a href="#">TabAction</a>	Gets or sets the behavior of the tab key.
 <a href="#">TabIndex</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">TabStop</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Tag</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Text</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Top</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">TopLevelControl</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ViewCaptionWidth</a>	Gets or sets the width of the column caption when the <a href="#">DataView</a> is set to Inverted or Form.
 <a href="#">ViewColumnWidth</a>	Gets or sets the width of a column when the <a href="#">DataView</a> is set to Inverted or Form.
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleCols</a>	Gets the number of visible columns in the current Split.
 <a href="#">VisibleRows</a>	Gets the number of visible rows in the current Split.
 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WrapCellPointer</a>	Gets or sets a value indicating the behavior of Tab and arrow keys at row boundaries.

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## Protected Properties

	Name	Description
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)	

 <a href="#">CreateParams</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DefaultCursor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultImeMode</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultMargin</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultMaximumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultMinimumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultPadding</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">DefaultSize</a>	Gets the default size of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DesignMode</a>	(Inherited from <a href="#">System.ComponentModel.Component</a> )
 <a href="#">DoubleBuffered</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Events</a>	(Inherited from <a href="#">System.ComponentModel.Component</a> )
 <a href="#">FontHeight</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ImeModeBase</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ResizeRedraw</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">ScaleChildren</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

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## Public Methods

	Name	Description

= 	<a href="#">AddCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
= 	<a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
= 	<a href="#">AddRow</a>	Overloaded. Overridden. Adds a row to an unbound grid.
= 	<a href="#">AddRows</a>	Overridden. Adds the number of given rows to an unbound grid.
= 	<a href="#">BeginInit</a>	ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">BringToFront</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
= 	<a href="#">C1PrintableGetTree</a>	
= 	<a href="#">CellContaining</a>	Returns the cell position for a set of coordinates.
= 	<a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
= 	<a href="#">ClearFields</a>	Restores the default grid layout.
= 	<a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
= 	<a href="#">ColContaining</a>	Returns the column index for the column containing the specified X coordinate.
= 	<a href="#">CollapseBand</a>	Collapses a given band in a hierarchical grid.
= 	<a href="#">CollapseChild</a>	Closes the Child Grid.

= 	<a href="#">CollapseGroupRow</a>	Collapses a grouped row.
= 	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
= 	<a href="#">Delete</a>	Overloaded. Deletes the current row.
= 	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
= 	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">EndInit</a>	Overridden.
= 	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ExpandBand</a>	Expand the given band in a hierarchical grid.
= 	<a href="#">ExpandChild</a>	Displays the Child grid.
= 	<a href="#">ExpandGroupRow</a>	Overloaded. Expands the given row in GroupBy DataGridView.
= 	<a href="#">ExportTo</a>	Overloaded. Opens a dialog in which the user can select the export format.
= 	<a href="#">ExportToDelimitedFile</a>	Overloaded. Exports the specified rows from the grid to the specified file as delimited text.
= 	<a href="#">ExportToExcel</a>	Overloaded. Exports the grid to a XLS file.

<a href="#">≡</a>	<a href="#">ExportToHTML</a>	Exports the grid to an HTML file.
<a href="#">≡</a>	<a href="#">ExportToPDF</a>	Exports the grid to a PDF file.
<a href="#">≡</a>	<a href="#">ExportToRTF</a>	Exports the grid to an RTF file.
<a href="#">≡</a>	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetBand</a>	Obtains the band given a column index.
<a href="#">≡</a>	<a href="#">GetBandRow</a>	Obtains the underlying row object for the given band and row.
<a href="#">≡</a>	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">InsertHorizontalSplit</a>	Inserts new horizontal splits at the given position.
<a href="#">≡</a>	<a href="#">InsertVerticalSplit</a>	Inserts vertical splits at the given position.
<a href="#">≡</a>	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)

=  <a href="#">LoadLayout</a>	Overloaded. Loads a saved layout from the given file.
=  <a href="#">MoveFirst</a>	Positions to the first row of the datasource.
=  <a href="#">MoveLast</a>	Positions to the last row of the datasource.
=  <a href="#">MoveNext</a>	Positions to the next row of the datasource.
=  <a href="#">MovePrevious</a>	Positions to the previous row of the datasource.
=  <a href="#">MoveRelative</a>	Overloaded. Moves the current row positions of the grid by the given offset.
=  <a href="#">MultiLineExtendColumns</a>	Extends the last column in each subrow so that all rows have the same width.
=  <a href="#">NewRow</a>	Creates a new System.Data.DataRow with the same schema as the unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=  <a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=  <a href="#">PointAt</a>	Overloaded. Returns one of the <a href="#">PointAtEnum</a> enumerations, which indicates the kind of grid element beneath the specified coordinate.
=  <a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">Rebind</a>	Overloaded. Reinitializes grid with data from its data source.

=♡	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RefetchRow</a>	Overloaded. Retreives data from the datasource for the current row and refreshes the row.
=♡	<a href="#">Refresh</a>	Overridden. Clears any cached styles and forces the grid to repaint.
=♡	<a href="#">RefreshCol</a>	Overloaded. Invalidates the current column.
=♡	<a href="#">RefreshRow</a>	Overloaded. Invalidates the current row.
=♡	<a href="#">RemoveHorizontalSplit</a>	Removes all the horizontal splits at the given index.
=♡	<a href="#">RemoveVerticalSplit</a>	Removes all vertical splits at the given index.
=♡	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ResumeBinding</a>	Resumes IBindingList.ListChange notifications from the data source to the grid.
=♡	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RowBookmark</a>	Returns the row index of the DataSource for a display row index.
=♡	<a href="#">RowContaining</a>	Returns the zero-based index of the display row containing the Y specified coordinate.
=♡	<a href="#">RowExpanded</a>	Obtains the expanded state of a band for a hierarchical grid.
=♡	<a href="#">RowTop</a>	Returns the Y coordinate of the top of a visible row.
=♡	<a href="#">SaveLayout</a>	Overloaded. Saves the grid's layout.

= 	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ScrollGrid</a>	Scrolls the grid data area by the specified number of rows and columns.
= 	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SetActiveCell</a>	Sets the focus to the given cell.
= 	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">SetDataBinding</a>	Overloaded. Binds the grid at runtime (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
= 	<a href="#">Show</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">SplitContaining</a>	Returns the <a href="#">SplitIndex</a> of the split containing the specified coordinate.
= 	<a href="#">SuspendBinding</a>	Instructs the grid to temporarily ignore IBindingList.ListChange notifications from the data source.
= 	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ToString</a>	(Inherited from System.ComponentModel.Component)
= 	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">UpdateData</a>	Updates any changes on the current row to the data source.

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## Protected Methods

	Name	Description
!	<a href="#">CreateAccessibilityInstance</a>	Overridden. Creates a new accessibility object for the control.
!	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
!	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
!	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">initializeStyles</a>	Overridden.
!	<a href="#">InitLayout</a>	Called after the control has been added to another container. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

!	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">IsInputChar</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">IsInputKey</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
!	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
!	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">On_AddNew</a>	Overridden. Raises the OnAddNew event.
!	<a href="#">On_Init</a>	Overridden. Raises the OnInit event.
!	<a href="#">On_Scroll</a>	Overridden. Raises the Scroll event.
!	<a href="#">OnAfterColEdit</a>	Overridden. Raises the AfterColEdit event.
!	<a href="#">OnAfterColUpdate</a>	Overridden. Raises the AfterColUpdate event.
!	<a href="#">OnAfterDelete</a>	Overridden. Raises the AfterDelete event.
!	<a href="#">OnAfterFilter</a>	Overridden. Raises the AfterFilter event.

 <a href="#">OnAfterInsert</a>	Overridden. Raises the AfterInsert event.
 <a href="#">OnAfterSort</a>	Overridden. Raises the AfterSort event.
 <a href="#">OnAfterUpdate</a>	Overridden. Raises the AfterUpdate event.
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackColorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBeforeClose</a>	Overridden. Raises the BeforeClose event.
 <a href="#">OnBeforeColEdit</a>	Overridden. Raises the BeforeColEdit event.
 <a href="#">OnBeforeColUpdate</a>	Overridden. Raises the BeforeColUpdate event.
 <a href="#">OnBeforeDelete</a>	Overridden. Raises the BeforeDelete event.
 <a href="#">OnBeforeInsert</a>	Overridden. Raises the BeforeInsert event.
 <a href="#">OnBeforeOpen</a>	Overridden. Raises the BeforeOpen event.
 <a href="#">OnBeforeRowColChange</a>	Overridden. Raises the BeforeRowColChange event.
 <a href="#">OnBeforeUpdate</a>	Overridden. Raises the BeforeUpdate event.
 <a href="#">OnBindingContextChanged</a>	Raised when the Binding Context changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnButtonClick</a>	Overridden. Raises the ButtonClick event.

 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChange</a>	Overridden. Raises the Change event.
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnColEdit</a>	Overridden. Raises the ColEdit event.
 <a href="#">OnCollapse</a>	Overridden. Raises the Collapse event.
 <a href="#">OnColMove</a>	Overridden. Raises the ColMove event.
 <a href="#">OnColResize</a>	Overridden. Raises the ColResize event.
 <a href="#">OnComboSelect</a>	Overridden. Raises the ComboSelect event.
 <a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCursorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDataSourceChanged</a>	Overridden. Raises the DataSourceChanged event.

 <a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDoubleClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnter</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnError</a>	Overridden. Raises the Error event.
 <a href="#">OnExpand</a>	Overridden. Raises the Expand event.
 <a href="#">OnFetchCellStyle</a>	Overridden. Raises the FetchCellStyle event.
 <a href="#">OnFetchCellTips</a>	Overridden. Raises the FetchCellTips event.
 <a href="#">OnFetchGroupCellStyle</a>	Overridden. Raises the FetchGroupCellStyle event.
 <a href="#">OnFetchRowStyle</a>	Overridden. Raises the FetchRowStyle event.
 <a href="#">OnFetchScrollTips</a>	Overridden. Raises the FetchScrollTips event.
 <a href="#">OnFilter</a>	Overridden. Raises the Filter event.
 <a href="#">OnFilterButtonClick</a>	Overridden. Raises the FilterButtonClick event.

 <a href="#">OnFilterChange</a>	Overridden. Raises the FilterChange event.
 <a href="#">OnFirstRowChange</a>	Overridden. Raises the FirstRowChange event.
 <a href="#">OnFontChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFootClick</a>	Overridden. Raises the FootClick event.
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormatText</a>	Overridden. Raises the FromatText event.
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupAggregate</a>	Overridden. Raises the GroupAggregate event.
 <a href="#">OnGroupColMove</a>	Overridden. Raises the GroupColMove event.
 <a href="#">OnGroupHeadClick</a>	Overridden. Raises the GroupHeadClick event.
 <a href="#">OnGroupInterval</a>	Overridden. Raises the GroupInterval event.
 <a href="#">OnGroupText</a>	Overridden. Raises the GroupText event.
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHeadClick</a>	Overridden. Raises the HeadClick event.
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnImeModeChanged</a>	Overridden.
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnKeyPress</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnKeyUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLeftColChange</a>	Overridden. Raises the LeftColChange event.
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">OnMouseEnter</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseHover</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnMouseLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseMove</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMouseWheel</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnMove</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnNotifyMessage</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnOwnerDrawCell</a>	Overridden. Raises the OwnerDrawCell event.
 <a href="#">OnOwnerDrawCellPrint</a>	Overridden. Raises the OwnerDrawCellPrint event.
 <a href="#">OnOwnerDrawPageFooter</a>	Overridden. Raises the OwnerDrawPageFooter event.
 <a href="#">OnOwnerDrawPageHeader</a>	Overridden. Raises the OwnerDrawPageHeader event.
 <a href="#">OnPaddingChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnPaint</a>	Overridden.
 <a href="#">OnPaintBackground</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnParentBackColorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRightToLeftChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowColChange</a>	Overridden. Raises the RowColChange event.

 <a href="#">OnRowResize</a>	Overridden. Raises the RowResize event.
 <a href="#">OnSelChange</a>	Overridden. Raises the SelChange event.
 <a href="#">OnSizeChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSort</a>	Overridden. Raises the Sort event.
 <a href="#">OnSplitAdded</a>	Overridden. Raises the SplitRemoved event.
 <a href="#">OnSplitChange</a>	Overridden. Raises the SplitChange event.
 <a href="#">OnSplitRemoved</a>	Overridden. Raises the SplitRemoved event.
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnUnboundColumnFetch</a>	Overridden. Raises the UnboundColumnFetch event.
 <a href="#">OnUnboundColumnUpdated</a>	Overridden. Raises the UnboundColumnUpdated event.
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnValueItemError</a>	Overridden. Raises the ValueItemError event.

 <a href="#">OnVisibleChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetVisualStyle</a>	Resets <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> to the default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)

	RtlTranslateHorizontal	(Inherited from System.Windows.Forms.Control)
	RtlTranslateLeftRight	(Inherited from System.Windows.Forms.Control)
	ScaleControl	(Inherited from System.Windows.Forms.Control)
	SetAutoSizeMode	(Inherited from System.Windows.Forms.Control)
	SetBoundsCore	(Inherited from System.Windows.Forms.Control)
	SetClientSizeCore	(Inherited from System.Windows.Forms.Control)
	SetDataSource	Called when the datasource changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	SetStyle	(Inherited from System.Windows.Forms.Control)
	SetTopLevel	(Inherited from System.Windows.Forms.Control)
	SetVisibleCore	(Inherited from System.Windows.Forms.Control)
	ShouldSerializeCaptionHeight	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	ShouldSerializeRecordSelectorWidth	Shoulds the width of the record selector be serialized.
	ShouldSerializeRowDivider	Should the row divider be serialized.
	ShouldSerializeRowHeight	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	ShouldSerializeRowSubDividerColor	
	ShouldSerializeSplitDividerSize	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	ShouldSerializeVisualStyle	Tests whether <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> should be serialized. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a>
 <a href="#">SizeFromClientSize</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateStyles</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>		Overridden. Processes Windows messages.

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## Public Events

	Name	Description
 <a href="#">AfterColEdit</a>		Occurs after editing is completed.
 <a href="#">AfterColUpdate</a>		Occurs after a cell has been updated.
 <a href="#">AfterDelete</a>		Occurs after a row has been deleted.
 <a href="#">AfterFilter</a>		Occurs after the datasource has been filtered.
 <a href="#">AfterInsert</a>		Occurs after a row has been added.
 <a href="#">AfterSort</a>		Occurs after a column has been sorted.
 <a href="#">AfterUpdate</a>		Occurs after a row has been updated.
 <a href="#">BackColorChanged</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageChanged</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayoutChanged</a>		(Inherited from System.Windows.Forms.Control)

 <a href="#">BeforeClose</a>	Occurs when the user attempts to close a child grid.
 <a href="#">BeforeColEdit</a>	Occurs before a cell enters edit mode.
 <a href="#">BeforeColUpdate</a>	Occurs before a cell is updated to the datasource.
 <a href="#">BeforeDelete</a>	Occurs before a row is deleted.
 <a href="#">BeforeInsert</a>	Occurs before a new row is added to the datasource.
 <a href="#">BeforeOpen</a>	Occurs when the user attempts to open a child grid.
 <a href="#">BeforeRowColChange</a>	Occurs prior to focus moving to another cell.
 <a href="#">BeforeUpdate</a>	Occurs before a row is updated to the datasource.
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ButtonClick</a>	Occurs whenever a button is clicked in a cell.
 <a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Change</a>	Occurs whenever the user changes the value of a cell.
 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ColEdit</a>	Occurs whenever a cell first enters edit mode.
 <a href="#">Collapse</a>	Occurs whenever a hierarchical row is collapsed.
 <a href="#">ColMove</a>	Occurs whenever the user has finished moving a column.

 <a href="#">ColResize</a>	Occurs whenever a column is resized.
 <a href="#">ComboSelect</a>	Occurs whenever a selection has been made to the built-in combo or TrueDBDropdown.
 <a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataSourceChanged</a>	Occurs whenever the datasource changes.
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enter</a>	(Inherited from System.Windows.Forms.Control)

 Error	Occurs whenever an exception is thrown during end user interaction.
 Expand	Occurs whenever a hierarchical row is expanded.
 FetchCellStyle	Occurs whenever a cell is to be rendered and the <a href="#">C1DisplayColumn.FetchStyle</a> is true.
 FetchCellTips	Occurs when the grid needs to display CellTips.
 FetchGroupCellStyle	Occurs whenever a grouped cell that contains an aggregate is to be rendered and <a href="#">C1DisplayColumn.FetchStyle</a> is true.
 FetchRowStyle	Occurs whenever the grid renders a row and the <a href="#">FetchRowStyles</a> property has been set.
 FetchScrollTips	Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.
 Filter	Occurs when the user types in the filterbar and the <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.AllowFilter</a> property is false.
 FilterButtonClick	Occurs when a button is clicked in the filterbar.
 FilterChange	Occurs when the contents of a cell in the filterbar changes.
 FirstRowChange	Occurs whenever the first row changes.
 FontChanged	(Inherited from System.Windows.Forms.Control)
 FootClick	Occurs whenever a column footer is clicked.
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)

 <a href="#">FormatText</a>	Occurs whenever a cell is about to be rendered and whose <a href="#">C1 DataColumn.NumberFormat</a> property has been set to FormatTextEvent.
 <a href="#">GiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GroupAggregate</a>	Occurs when the <a href="#">C1 DataColumn.Aggregate</a> is set to Custom for a grouped row.
 <a href="#">GroupColMove</a>	Occurs whenever a column is moved into or out of the grouping area.
 <a href="#">GroupHeadClick</a>	Occurs whenever a column in the grouping area is clicked.
 <a href="#">GroupInterval</a>	Occurs whenever a row is being grouped and a custom interval has been specified.
 <a href="#">GroupText</a>	Occurs when the <a href="#">GroupInfo.HeaderText</a> property is set to custom.
 <a href="#">HandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HeadClick</a>	Occurs whenever a column header is clicked.
 <a href="#">HelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Invalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">KeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Layout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Leave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LeftColChange</a>	Occurs whenever the left column changes.
 <a href="#">LocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnAddNew</a>	Occurs whenever an AddNew operation has been initiated.
 <a href="#">OnInit</a>	Occurs after the grid has been initialized.
 <a href="#">OwnerDrawCell</a>	Occurs before a cell is rendered and the <a href="#">C1DisplayColumn.OwnerDraw</a> is true.
 <a href="#">OwnerDrawCellPrint</a>	Occurs before a cell is to be printed and the <a href="#">C1DisplayColumn.OwnerDraw</a> is true.
 <a href="#">OwnerDrawPageFooter</a>	Occurs before the page footer is to be printed.
 <a href="#">OwnerDrawPageHeader</a>	Occurs before the page header is to be printed.
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RowColChange</a>	Occurs when the focus moves to a different cell.

 <a href="#">RowResize</a>	Occurs whenever the user resizes a row.
 <a href="#">Scroll</a>	Occurs whenever the user scrolls the grid.
 <a href="#">SelChange</a>	Occurs whenever the user selected a different range of rows or columns.
 <a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Sort</a>	Occurs when the user drags a column into the grouping area.
 <a href="#">SplitAdded</a>	Occurs when a split is added.
 <a href="#">SplitChange</a>	Occurs whenever a Split changes focus.
 <a href="#">SplitRemoved</a>	Occurs when a split is removed.
 <a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UnboundColumnFetch</a>	Occurs when the grid needs to access the value of an unbound column.
 <a href="#">UnboundColumnUpdated</a>	Occurs when the value of an unbound column has been updated.
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ValueItemError</a>	Occurs whenever a user attempts to enter invalid data into a column that is using valueitems.
	<a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">VisualStyleChanged</a>	Occurs when visual style property has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

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## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*C1TrueDBGrid Constructor*

The C1TrueDBGrid control.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public C1TrueDBGrid()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)[C1TrueDBGrid Members](#)*Methods*

For a list of all members of this type, see [C1TrueDBGrid members](#).

## Public Methods

	Name	Description
=	<a href="#">AddCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
=	<a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
=	<a href="#">AddRow</a>	Overloaded. Overridden. Adds a row to an unbound grid.
=	<a href="#">AddRows</a>	Overridden. Adds the number of given rows to an unbound grid.
=	<a href="#">BeginInit</a>	ISupportInitialize interface. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from <a href="#">System.Windows.Forms.Control</a> )
=	<a href="#">BringToFront</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
=	<a href="#">C1PrintableGetTree</a>	
=	<a href="#">CellContaining</a>	Returns the cell position for a set of coordinates.
=	<a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
=	<a href="#">ClearFields</a>	Restores the default grid layout.
=	<a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous

		call to the <a href="#">AddRegexCellStyle</a> method.
=	<a href="#">ColContaining</a>	Returns the column index for the column containing the specified X coordinate.
=	<a href="#">CollapseBand</a>	Collapses a given band in a hierarchical grid.
=	<a href="#">CollapseChild</a>	Closes the Child Grid.
=	<a href="#">CollapseGroupRow</a>	Collapses a grouped row.
=	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=	<a href="#">Delete</a>	Overloaded. Deletes the current row.
=	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
=	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">EndInit</a>	Overridden.
=	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">ExpandBand</a>	Expand the given band in a hierarchical grid.
=	<a href="#">ExpandChild</a>	Displays the Child grid.

= 	<a href="#">ExpandGroupRow</a>	Overloaded. Expands the given row in GroupBy DataView.
= 	<a href="#">ExportTo</a>	Overloaded. Opens a dialog in which the user can select the export format.
= 	<a href="#">ExportToDelimitedFile</a>	Overloaded. Exports the specified rows from the grid to the specified file as delimited text.
= 	<a href="#">ExportToExcel</a>	Overloaded. Exports the grid to a XLS file.
= 	<a href="#">ExportToHTML</a>	Exports the grid to an HTML file.
= 	<a href="#">ExportToPDF</a>	Exports the grid to a PDF file.
= 	<a href="#">ExportToRTF</a>	Exports the grid to an RTF file.
= 	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetBand</a>	Obtains the band given a column index.
= 	<a href="#">GetBandRow</a>	Obtains the underlying row object for the given band and row.
= 	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
= 	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)

=♡	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♡	<a href="#">InsertHorizontalSplit</a>	Inserts new horizontal splits at the given position.
=♡	<a href="#">InsertVerticalSplit</a>	Inserts vertical splits at the given position.
=♡	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">LoadLayout</a>	Overloaded. Loads a saved layout from the given file.
=♡	<a href="#">MoveFirst</a>	Positions to the first row of the datasource.
=♡	<a href="#">MoveLast</a>	Positions to the last row of the datasource.
=♡	<a href="#">MoveNext</a>	Positions to the next row of the datasource.
=♡	<a href="#">MovePrevious</a>	Positions to the previous row of the datasource.
=♡	<a href="#">MoveRelative</a>	Overloaded. Moves the current row positions of the grid by the given offset.
=♡	<a href="#">MultiLineExtendColumns</a>	Extends the last column in each subrow so that all rows have the same width.
=♡	<a href="#">NewRow</a>	Creates a new System.DataDataRow with the same schema as the unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=♡	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PointAt</a>	Overloaded. Returns one of the <a href="#">PointAtEnum</a> enumerations, which indicates the kind of grid element beneath the specified coordinate.

=♡	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Rebind</a>	Overloaded. Reinitializes grid with data from its data source.
=♡	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RefetchRow</a>	Overloaded. Retreives data from the datasource for the current row and refreshes the row.
=♡	<a href="#">Refresh</a>	Overridden. Clears any cached styles and forces the grid to repaint.
=♡	<a href="#">RefreshCol</a>	Overloaded. Invalidates the current column.
=♡	<a href="#">RefreshRow</a>	Overloaded. Invalidates the current row.
=♡	<a href="#">RemoveHorizontalSplit</a>	Removes all the horizontal splits at the given index.
=♡	<a href="#">RemoveVerticalSplit</a>	Removes all vertical splits at the given index.
=♡	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ResumeBinding</a>	Resumes IBindingList.ListChange notifications from the data source to the grid.
=♡	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)

=  <a href="#">RowBookmark</a>	Returns the row index of the DataSource for a display row index.
=  <a href="#">RowContaining</a>	Returns the zero-based index of the display row containing the Y specified coordinate.
=  <a href="#">RowExpanded</a>	Obtains the expanded state of a band for a hierarchical grid.
=  <a href="#">RowTop</a>	Returns the Y coordinate of the top of a visible row.
=  <a href="#">SaveLayout</a>	Overloaded. Saves the grid's layout.
=  <a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">ScrollGrid</a>	Scrolls the grid data area by the specified number of rows and columns.
=  <a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=  <a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">SetActiveCell</a>	Sets the focus to the given cell.
=  <a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=  <a href="#">SetDataBinding</a>	Overloaded. Binds the grid at runtime (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
=  <a href="#">Show</a>	(Inherited from System.Windows.Forms.Control)
=  <a href="#">SplitContaining</a>	Returns the <a href="#">SplitIndex</a> of the split containing the specified coordinate.
=  <a href="#">SuspendBinding</a>	Instructs the grid to temporarily ignore IBindingList.ListChange

		notifications from the data source.
=	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">ToString</a>	(Inherited from System.ComponentModel.Component)
=	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">UpdateData</a>	Updates any changes on the current row to the data source.

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## Protected Methods

	Name	Description
=	<a href="#">CreateAccessibilityInstance</a>	Overridden. Creates a new accessibility object for the control.
=	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
=	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)

 <a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">initializeStyles</a>	Overridden.
 <a href="#">InitLayout</a>	Called after the control has been added to another container. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputChar</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">IsInputKey</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">On_AddNew</a>	Overridden. Raises the OnAddNew event.
 <a href="#">On_Init</a>	Overridden. Raises the OnInit event.

 <a href="#">On_Scroll</a>	Overridden. Raises the Scroll event.
 <a href="#">OnAfterColEdit</a>	Overridden. Raises the AfterColEdit event.
 <a href="#">OnAfterColUpdate</a>	Overridden. Raises the AfterColUpdate event.
 <a href="#">OnAfterDelete</a>	Overridden. Raises the AfterDelete event.
 <a href="#">OnAfterFilter</a>	Overridden. Raises the AfterFilter event.
 <a href="#">OnAfterInsert</a>	Overridden. Raises the AfterInsert event.
 <a href="#">OnAfterSort</a>	Overridden. Raises the AfterSort event.
 <a href="#">OnAfterUpdate</a>	Overridden. Raises the AfterUpdate event.
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackColorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBeforeClose</a>	Overridden. Raises the BeforeClose event.
 <a href="#">OnBeforeColEdit</a>	Overridden. Raises the BeforeColEdit event.
 <a href="#">OnBeforeColUpdate</a>	Overridden. Raises the BeforeColUpdate event.
 <a href="#">OnBeforeDelete</a>	Overridden. Raises the BeforeDelete event.
 <a href="#">OnBeforeInsert</a>	Overridden. Raises the BeforeInsert event.

 <a href="#">OnBeforeOpen</a>	Overridden. Raises the BeforeOpen event.
 <a href="#">OnBeforeRowColChange</a>	Overridden. Raises the BeforeRowColChange event.
 <a href="#">OnBeforeUpdate</a>	Overridden. Raises the BeforeUpdate event.
 <a href="#">OnBindingContextChanged</a>	Raised when the Binding Context changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnButtonClick</a>	Overridden. Raises the ButtonClick event.
 <a href="#">OnCausesValidationChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnChange</a>	Overridden. Raises the Change event.
 <a href="#">OnChangeUICues</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnClientSizeChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnColEdit</a>	Overridden. Raises the ColEdit event.
 <a href="#">OnCollapse</a>	Overridden. Raises the Collapse event.
 <a href="#">OnColMove</a>	Overridden. Raises the ColMove event.
 <a href="#">OnColResize</a>	Overridden. Raises the ColResize event.
 <a href="#">OnComboSelect</a>	Overridden. Raises the ComboSelect event.
 <a href="#">OnContextMenuChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 <a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCursorChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDataSourceChanged</a>	Overridden. Raises the DataSourceChanged event.
 <a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDoubleClick</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnter</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnError</a>	Overridden. Raises the Error event
 <a href="#">OnExpand</a>	Overridden. Raises the Expand event.
 <a href="#">OnFetchCellStyle</a>	Overridden. Raises the FetchCellStyle event.

 <a href="#">OnFetchCellTips</a>	Overridden. Raises the FetchCellTips event.
 <a href="#">OnFetchGroupCellStyle</a>	Overridden. Raises the FetchGroupCellStyle event.
 <a href="#">OnFetchRowStyle</a>	Overridden. Raises the FetchRowStyle event.
 <a href="#">OnFetchScrollTips</a>	Overridden. Raises the FetchScrollTips event.
 <a href="#">OnFilter</a>	Overridden. Raises the Filter event.
 <a href="#">OnFilterButtonClick</a>	Overridden. Raises the FilterButtonClick event.
 <a href="#">OnFilterChange</a>	Overridden. Raises the FilterChange event.
 <a href="#">OnFirstRowChange</a>	Overridden. Raises the FirstRowChange event.
 <a href="#">OnFontChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnFootClick</a>	Overridden. Raises the FootClick event.
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormatText</a>	Overridden. Raises the FromatText event.
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnGroupAggregate</a>	Overridden. Raises the GroupAggregate event.
 <a href="#">OnGroupColMove</a>	Overridden. Raises the GroupColMove event.
 <a href="#">OnGroupHeadClick</a>	Overridden. Raises the GroupHeadClick event.

 <a href="#">OnGroupInterval</a>	Overridden. Raises the GroupInterval event.
 <a href="#">OnGroupText</a>	Overridden. Raises the GroupText event.
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHeadClick</a>	Overridden. Raises the HeadClick event.
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	Overridden.
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnKeyPress</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnKeyUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnLeftColChange</a>	Overridden. Raises the LeftColChange event.
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	Inherited from Control. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a>
⌚	<a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDown</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMouseEnter</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseLeave</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMouseMove</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMouseUp</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMouseWheel</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnOwnerDrawCell</a>	Overridden. Raises the OwnerDrawCell event.

 <a href="#">OnOwnerDrawCellPrint</a>	Overridden. Raises the OwnerDrawCellPrint event.
 <a href="#">OnOwnerDrawPageFooter</a>	Overridden. Raises the OwnerDrawPageFooter event.
 <a href="#">OnOwnerDrawPageHeader</a>	Overridden. Raises the OwnerDrawPageHeader event.
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaint</a>	Overridden.
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from C1.Win.C1TrueDBGrid.BaseGrid.Frame)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnQueryContinueDrag</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRightToLeftChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnRowColChange</a>	Overridden. Raises the RowColChange event.
 <a href="#">OnRowResize</a>	Overridden. Raises the RowResize event.
 <a href="#">OnSelChange</a>	Overridden. Raises the SelChange event.
 <a href="#">OnSizeChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">OnSort</a>	Overridden. Raises the Sort event.
 <a href="#">OnSplitAdded</a>	Overridden. Raises the SplitRemoved event.
 <a href="#">OnSplitChange</a>	Overridden. Raises the SplitChange event.
 <a href="#">OnSplitRemoved</a>	Overridden. Raises the SplitRemoved event.
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnUnboundColumnFetch</a>	Overridden. Raises the UnboundColumnFetch event.
⌚	<a href="#">OnUnboundColumnUpdated</a>	Overridden. Raises the UnboundColumnUpdated event.
⌚	<a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnValidating</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnValueItemError</a>	Overridden. Raises the ValueItemError event.
⌚	<a href="#">OnVisibleChanged</a>	Inherited from Control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
⌚	<a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetVisualStyle</a>	Resets <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> to the default value. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetDataSource</a>	Called when the datasource changes. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShouldSerializeCaptionHeight</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

	<a href="#">ShouldSerializeRecordSelectorWidth</a>	Shoulds the width of the record selector be serialized.
	<a href="#">ShouldSerializeRowDivider</a>	Should the row divider be serialized.
	<a href="#">ShouldSerializeRowHeight</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	<a href="#">ShouldSerializeRowSubDividerColor</a>	
	<a href="#">ShouldSerializeSplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	<a href="#">ShouldSerializeVisualStyle</a>	Tests whether <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.VisualStyle</a> should be serialized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	<a href="#">SizeFromClientSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">UpdateStyles</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">UpdateZOrder</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">WndProc</a>	Overridden. Processes Windows messages.

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## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*AddCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

Controls the [Style](#) used to change the appearance for cells meeting the specified condition.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Adds a cell condition to the grid")>
Public Sub AddCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style _
)
```

C#

```
[C1DescriptionAttribute("Adds a cell condition to the grid")]
public void AddCellStyle(
    CellStyleFlag condition,
    Style style
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AddRegexCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

A regular expression string.

Controls the [Style](#) used to change the appearance of cells according to their contents.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Adds a regular expression cell condition to the grid")>
Public Sub AddRegexCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style, _
    ByVal regex As System.String _
)
```

C#

```
[C1DescriptionAttribute("Adds a regular expression cell condition to the grid")]
public void AddRegexCellStyle(
    CellStyleFlag condition,
    Style style,
    System.string regex
)
```

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*AddRow Method*

Adds a row to an unbound grid.

## Overload List

Overload	Description
<a href="#">AddRow(String)</a>	Adds a row to an unbound grid.
<a href="#">AddRow(String,Char)</a>	Adds a row to an unbound grid.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

[AddRow\(String\) Method](#)

The data used to populate the new row. Column data is delimited by ';' char.

Adds a row to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function AddRow( _
    ByVal data As System.String _
) As System.Integer
```

C#

```
public override System.int AddRow(
```

```
System.string data  
)
```

## Parameters

*data*

The data used to populate the new row. Column data is delimited by ';' char.

## Return Value

The index of the row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

AddRow(String,Char) Method

The data used to populate the new row.

Character used to separate the data fields.

Adds a row to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function AddRow( _  
    ByVal data As System.String, _  
    ByVal separator As System.Char _  
) As System.Integer
```

C#

```
public override System.int AddRow(  
    System.string data,  
    System.char separator  
)
```

## Parameters

*data*

The data used to populate the new row.

*separator*

Character used to separate the data fields.

## Return Value

The index of the row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

*AddRows Method*

The number of rows to add.

Adds the number of given rows to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function AddRows( _  
    ByVal count As System.Integer _  
) As System.Integer
```

C#

```
public override System.int AddRows(  
    System.int count  
)
```

## Parameters

*count*

The number of rows to add.

## Return Value

The index of the first row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*C1PrintableGetTree Method*

## Syntax

Visual Basic (Declaration)

```
Public Function C1PrintableGetTree() As System.IO.Stream
```

C#

```
public System.IO.Stream C1PrintableGetTree()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *CellContaining Method*

The x-coordinate.

The y-coordinate.

The row under the coordinate pair.

The column index under the coordinate pair.

Returns the cell position for a set of coordinates.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the grid row and column located under an (x,y)  
coordinate")>  
Public Function CellContaining( _  
    ByVal x As System.Integer, _  
    ByVal y As System.Integer, _  
    ByRef row As System.Integer, _  
    ByRef col As System.Integer _  
) As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Returns the grid row and column located under an (x,y)  
coordinate")]  
public System.bool CellContaining(  
    System.int x,  
    System.int y,  
    out System.int row,  
    out System.int col  
)
```

### Parameters

*x*

The x-coordinate.

*y*

The y-coordinate.

*row*

The row under the coordinate pair.

*col*

The column index under the coordinate pair.

## Return Value

A value indicating whether a data cell is beneath the specified coordinate pair.

## Remarks

The CellContaining method combines the [ColContaining](#) and [RowContaining](#) methods into one call. If the coordinate pair specified by *x* and *y* points to a data cell, this method returns True, and the *rowindex* and *colindex* arguments receive zero-based indexes that identify the cell.

This method is useful when working with mouse and drag events when trying to determine where the user clicked or dropped another control in terms of a grid cell.

If the specified coordinate is outside of the grid's data area, this method returns False. Use the [PointAt\(Int32,Int32\)](#) method to determine what kind of grid element, if any, is beneath the specified coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ClearCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddCellStyle](#) method.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Removes a cell condition from the grid")&gt; Public Sub ClearCellStyle( _     ByVal condition As CellStyleFlag _</pre>	
)	
C#	
<pre>[C1DescriptionAttribute("Removes a cell condition from the grid")] public void ClearCellStyle(     CellStyleFlag condition )</pre>	

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ClearFields Method*

Restores the default grid layout.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Clears the current column/field layout")>	
<pre>Public Sub ClearFields()</pre>	
C#	
[C1DescriptionAttribute("Clears the current column/field layout")]	
<pre>public void ClearFields()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ClearRegexCellStyle Method*

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Overload List

Overload	Description
<a href="#">ClearRegexCellStyle(CellStyleFlag)</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.
<a href="#">ClearRegexCellStyle(CellStyleFlag, String)</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[ClearRegexCellStyle\(CellStyleFlag\) Method](#)

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Removes a regular expression cell condition from the  
grid")>  
Public Overloads Sub ClearRegexCellStyle( _  
    ByVal condition As CellStyleFlag _  
)
```

C#

```
[C1DescriptionAttribute("Removes a regular expression cell condition from the  
grid")]  
public void ClearRegexCellStyle(  
    CellStyleFlag condition  
)
```

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ClearRegexCellStyle\(CellStyleFlag, String\) Method](#)

Combination of one or more [CellStyleFlag](#) enumerations.

A regular expression string.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Removes a regular expression cell condition from the  
grid")>  
Public Overloads Sub ClearRegexCellStyle( _  
    ByVal condition As CellStyleFlag, _  
    ByVal regex As System.String _  
)
```

C#

```
[C1DescriptionAttribute("Removes a regular expression cell condition from the  
grid")]  
public void ClearRegexCellStyle(  
    CellStyleFlag condition,  
    System.string regex  
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

#### *ColContaining Method*

The horizontal coordinate (X value) in pixels.

Returns the column index for the column containing the specified X coordinate.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Identifies the index of the DisplayColumn under an X  
coordinate")>  
Public Function ColContaining( _  
    ByVal x As System.Integer _  
) As System.Integer
```

### C#

```
[C1DescriptionAttribute("Identifies the index of the DisplayColumn under an X  
coordinate")]  
public System.int ColContaining(  
    System.int x  
)
```

### Parameters

x

The horizontal coordinate (X value) in pixels.

### Return Value

The index of the column in the [Split.DisplayColumns](#) collection beneath the specified X coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *CollapseBand Method*

Collapses a given band in a hierarchical grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Collapses the given band")>
Public Function CollapseBand( _
    ByVal band As System.Integer _ 
) As System.Boolean
```

C#

```
[C1DescriptionAttribute("Collapses the given band")]
public System.bool CollapseBand(
    System.int band
)
```

### Parameters

*band*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *CollapseChild Method*

Closes the Child Grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Closes the Child Grid")>
Public Sub CollapseChild()
```

C#

```
[C1DescriptionAttribute("Closes the Child Grid")]
public void CollapseChild()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *CollapseGroupRow Method*

Collapses a grouped row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Collapses the given row in GroupBy DataView")>
Public Sub CollapseGroupRow(
    ByVal row As System.Integer _
```

```
)
```

```
C#
```

```
[C1DescriptionAttribute("Collapses the given row in GroupBy DataView")]
public void CollapseGroupRow(
    System.int row
)
```

## Parameters

*row*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*CreateAccessibilityInstance Method*

Creates a new accessibility object for the control.

## Syntax

```
Visual Basic (Declaration)
```

```
Protected Overrides Function CreateAccessibilityInstance() As
System.Windows.Forms.AccessibleObject
```

```
C#
```

```
protected override System.Windows.Forms.AccessibleObject
CreateAccessibilityInstance()
```

### Return Value

A new **System.Windows.Forms.AccessibleObject** for the control.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Delete Method*

Deletes the current row.

## Overload List

Overload	Description
<a href="#">Delete()</a>	Deletes the current row.
<a href="#">Delete(Int32)</a>	Deletes the current row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
<a href="#">Delete(Int32,Int32)</a>	Deletes the current row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Delete() Method*

Deletes the current row.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Deletes the current row and moves to the next row of the data source")&gt; Public Overloads Overridable Sub Delete()</pre>	
C#	
<pre>[C1DescriptionAttribute("Deletes the current row and moves to the next row of the data source")] public virtual void Delete()</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

#### *Dispose Method*

Called when the class is being disposed.

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.
<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

Dispose(Boolean) Method

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

*EndInit Method*

## Syntax

Visual Basic (Declaration)

```
Public Overrides Sub EndInit()
```

C#

```
public override void EndInit()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*ExpandBand Method*

Expand the given band in a hierarchical grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Expands the given band")>
Public Function ExpandBand( _
    ByVal band As System.Integer _ 
) As System.Boolean
```

C#

```
[C1DescriptionAttribute("Expands the given band")]
```

```
public System.bool ExpandBand(  
    System.int band  
)
```

## Parameters

*band*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ExpandChild Method*

Displays the Child grid.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Displays the Child Grid")> Public Sub ExpandChild()	
C#	
[C1DescriptionAttribute("Displays the Child Grid")] public void ExpandChild()	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ExpandGroupRow Method*

Expands the given row in GroupBy DataView.

## Overload List

Overload	Description
<a href="#">ExpandGroupRow(Int32)</a>	Expands the given row in GroupBy DataView.
<a href="#">ExpandGroupRow(Int32,Boolean)</a>	Expands the given row in GroupBy DataView and optionally expands the subrows.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### ExpandGroupRow(Int32) Method

The row to expand.

Expands the given row in GroupBy DataView.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Expands the given row in GroupBy DataView")> Public Overloads Sub ExpandGroupRow( _ ByVal row As System.Integer _	

```
)
```

```
C#
```

```
[C1DescriptionAttribute("Expands the given row in GroupBy DataGridView")]
public void ExpandGroupRow(
    System.int row
)
```

## Parameters

*row*

The row to expand.

## Remarks

Expanding/collapsing a row in a GroupBy grid also expands/collapses the row in a split that shares the same vertical scroll group.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExpandGroupRow\(Int32,Boolean\) Method](#)

The row to expand.

True to expand subrows.

Expands the given row in GroupBy DataGridView and optionally expands the subrows.

## Syntax

```
Visual Basic (Declaration)
```

```
Public Overloads Sub ExpandGroupRow( _
    ByVal row As System.Integer, _
    ByVal expandSubRows As System.Boolean _
)
```

C#

```
public void ExpandGroupRow(
    System.int row,
    System.bool expandSubRows
)
```

## Parameters

*row*

The row to expand.

*expandSubRows*

True to expand subrows.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

*ExportTo Method*

Opens a dialog in which the user can select the export format.

## Overload List

Overload	Description

<a href="#">ExportTo()</a>	Opens a dialog in which the user can select the export format.
<a href="#">ExportToString()</a>	Exports the grid based upon the file extension.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[ExportTo\(\) Method](#)

Opens a dialog in which the user can select the export format.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Opens the dialog in which the user can select the     export format.")&gt; Public Overloads Sub ExportTo()</pre>	
C#	
<pre>[C1DescriptionAttribute("Opens the dialog in which the user can select the     export format.")] public void ExportTo()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExportTo\(String\) Method](#)

Exports the grid based upon the file extension.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid based upon the file extension.")>
Public Overloads Sub ExportTo(
    ByVal filename As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid based upon the file extension.")]
public void ExportTo(
    System.string filename
)
```

### Parameters

*filename*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExportToDelimitedFile Method](#)

Exports the specified rows from the grid to the specified file as delimited text.

## Overload List

Overload	Description
<a href="#">ExportToDelimitedFile(String,RowSelectorEnum)</a>	Exports the specified rows from the grid to the specified file as delimited text.
<a href="#">ExportToDelimitedFile(String,RowSelectorEnum,String)</a>	Exports the specified rows from the grid to the specified file as delimited text.
<a href="#">ExportToDelimitedFile(String,RowSelectorEnum,String,String)</a>	Exports the specified rows from the grid to the specified file as delimited text.
<a href="#">ExportToDelimitedFile(String,RowSelectorEnum,String,String,String)</a>	Exports the specified rows from the grid to the specified file as delimited text.
<a href="#">ExportToDelimitedFile(String,RowSelectorEnum,String,String,String,Boolean)</a>	Exports the specified rows from the grid to

	the specified file as delimited text.
ExportToDelimitedFile(String,RowSelectorEnum,String,String,Boolean,String)	Exports the specified rows from the grid to the specified file as delimited text.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[ExportToDelimitedFile\(String,RowSelectorEnum\) Method](#)

Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Exports the grid data to a delimited file")>	

```
Public Overloads Sub ExportToDelimitedFile( _
    ByVal filename As System.String, _
    ByVal selector As RowSelectorEnum _
)
```

C#	
----	--

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]
```

```
public void ExportToDelimitedFile(  
    System.string filename,  
    RowSelectorEnum selector  
)
```

## Parameters

*filename*

*selector*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExportToDelimitedFile\(String,RowSelectorEnum,String\) Method](#)

Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid data to a delimited file")>  
Public Overloads Sub ExportToDelimitedFile( _  
    ByVal filename As System.String, _  
    ByVal selector As RowSelectorEnum, _  
    ByVal delim As System.String _  
)
```

### C#

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]  
public void ExportToDelimitedFile(
```

```
        System.string filename,
        RowSelectorEnum selector,
        System.string delim
    )
```

## Parameters

*filename*

*selector*

*delim*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

`ExportToDelimitedFile(String,RowSelectorEnum,String,String)` Method

Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid data to a delimited file")>
Public Overloads Sub ExportToDelimitedFile( _
    ByVal filename As System.String, _
    ByVal selector As RowSelectorEnum, _
    ByVal delim As System.String, _
    ByVal prefix As System.String _
)
```

### C#

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]
public void ExportToDelimitedFile(
    System.string filename,
    RowSelectorEnum selector,
    System.string delim,
    System.string prefix
)
```

## Parameters

*filename*

*selector*

*delim*

*prefix*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

`ExportToDelimitedFile(String,RowSelectorEnum,String,String,String)` Method  
Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid data to a delimited file")>
Public Overloads Sub ExportToDelimitedFile( _
    ByVal filename As System.String, _
    ByVal selector As RowSelectorEnum, _
    ByVal delim As System.String, _
```

```
    ByVal prefix As System.String, _
    ByVal suffix As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]
public void ExportToDelimitedFile(
    System.string filename,
    RowSelectorEnum selector,
    System.string delim,
    System.string prefix,
    System.string suffix
)
```

## Parameters

*filename*

*selector*

*delim*

*prefix*

*suffix*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExportToDelimitedFile\(String,RowSelectorEnum,String,String,Boolean\) Method](#)  
Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid data to a delimited file")>
Public Overloads Sub ExportToDelimitedFile( _
    ByVal filename As System.String, _
    ByVal selector As RowSelectorEnum, _
    ByVal delim As System.String, _
    ByVal prefix As System.String, _
    ByVal suffix As System.String, _
    ByVal headers As System.Boolean _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]
public void ExportToDelimitedFile(
    System.string filename,
    RowSelectorEnum selector,
    System.string delim,
    System.string prefix,
    System.string suffix,
    System.bool headers
)
```

### Parameters

*filename*

*selector*

*delim*

*prefix*

*suffix*

*headers*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later,  
Windows XP SP3, Windows Server 2008 (Server Core not

supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

`ExportToDelimitedFile(String,RowSelectorEnum,String,String,Boolean,String)` Method  
Exports the specified rows from the grid to the specified file as delimited text.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid data to a delimited file")>
Public Overloads Sub ExportToDelimitedFile( _
    ByVal filename As System.String, _
    ByVal selector As RowSelectorEnum, _
    ByVal delim As System.String, _
    ByVal prefix As System.String, _
    ByVal suffix As System.String, _
    ByVal headers As System.Boolean, _
    ByVal encoding As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid data to a delimited file")]
public void ExportToDelimitedFile(
    System.string filename,
    RowSelectorEnum selector,
    System.string delim,
    System.string prefix,
    System.string suffix,
    System.bool headers,
    System.string encoding
)
```

### Parameters

*filename*

*selector*

*delim*

*prefix*

*suffix*

*headers*

*encoding*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### *ExportToExcel Method*

Exports the grid to a XLS file.

## Overload List

Overload	Description
<a href="#">ExportToExcel(String)</a>	Exports the grid to a XLS file.
<a href="#">ExportToExcel(String,Boolean)</a>	Exports the grid to a XLS file.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

`ExportToExcel(String)` Method

Exports the grid to a XLS file.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid to a XLS file")>
Public Overloads Sub ExportToExcel( _
    ByVal filename As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid to a XLS file")]
public void ExportToExcel(
    System.string filename
)
```

### Parameters

*filename*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[ExportToExcel\(String,Boolean\) Method](#)

Exports the grid to a XLS file.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid to a XLS file")>
Public Overloads Sub ExportToExcel( _
    ByVal filename As System.String, _
    ByVal onePagePerSheet As System.Boolean _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid to a XLS file")]
public void ExportToExcel(
    System.string filename,
    System.bool onePagePerSheet
)
```

### Parameters

*filename*

*onePagePerSheet*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### *ExportToHTML Method*

Exports the grid to an HTML file.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Exports the grid to an HTML file")> Public Sub ExportToHTML( _ ByVal filename As System.String _ )	
C#	
[C1DescriptionAttribute("Exports the grid to an HTML file")] public void ExportToHTML( System.string filename )	

### Parameters

*filename*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ExportToPDF Method*

Exports the grid to a PDF file.

## Syntax

Visual Basic (Declaration)	

```
<C1DescriptionAttribute("Exports the grid to a PDF file")>
Public Sub ExportToPDF( _
    ByVal filename As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid to a PDF file")]
public void ExportToPDF(
    System.string filename
)
```

## Parameters

*filename*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ExportToRTF Method*

Exports the grid to an RTF file.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Exports the grid to a RTF file")>
Public Sub ExportToRTF( _
    ByVal filename As System.String _
)
```

C#

```
[C1DescriptionAttribute("Exports the grid to a RTF file")]
public void ExportToRTF(
    System.string filename
)
```

## Parameters

*filename*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *GetBand Method*

Obtains the band given a column index.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the band number given a column index")>
Public Function GetBand( _
    ByVal columnIndex As System.Integer _ 
) As System.Integer
```

C#

```
[C1DescriptionAttribute("Returns the band number given a column index")]
public System.int GetBand(
    System.int columnIndex
)
```

## Parameters

*columnIndex*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *GetBandRow Method*

Obtains the underlying row object for the given band and row.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Returns the underlying row object for the given band and row.")>	
Public Function GetBandRow( _	
ByVal band As System.Integer, _	
ByVal row As System.Integer _	
) As System.Object	
C#	
[C1DescriptionAttribute("Returns the underlying row object for the given band and row.")]	
public System.object GetBandRow(	
System.int band,	
System.int row	
)	

### Parameters

*band*

*row*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*initializeStyles Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub initializeStyles()
```

C#

```
protected override void initializeStyles()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*InsertHorizontalSplit Method*

Inserts new horizontal splits at the given position.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Inserts new Horizontal Splits at the given position")>
```

```

Public Sub InsertHorizontalSplit( _
    ByVal idx As System.Integer _
)

```

C#

```

[C1DescriptionAttribute("Inserts new Horizontal Splits at the given position")]
public void InsertHorizontalSplit(
    System.int idx
)

```

## Parameters

*idx*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *InsertVerticalSplit Method*

Inserts vertical splits at the given position.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Inserts new Vertical Splits at the given position")>
Public Sub InsertVerticalSplit( _
    ByVal idx As System.Integer _
)

```

C#

```
[C1DescriptionAttribute("Inserts new Vertical Splits at the given position")]
```

```
public void InsertVerticalSplit(  
    System.int idx  
)
```

## Parameters

*idx*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*LoadLayout Method*

Loads a saved layout from the given file.

## Overload List

Overload	Description
<a href="#">LoadLayout(String)</a>	Loads a saved layout from the given file.
<a href="#">LoadLayout(Stream)</a>	Loads a saved layout from the given stream.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [C1TrueDBGrid Class](#)

### [C1TrueDBGrid Members](#)

#### LoadLayout(String) Method

The file containing a saved layout.

Loads a saved layout from the given file.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Loads a saved layout from the given file")>
Public Overloads Sub LoadLayout( _
    ByVal filename As System.String _
)
```

### C#

```
[C1DescriptionAttribute("Loads a saved layout from the given file")]
public void LoadLayout(
    System.string filename
)
```

## Parameters

### *filename*

The file containing a saved layout.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1TrueDBGrid Class](#)

#### [C1TrueDBGrid Members](#)

#### [Overload List](#)

LoadLayout(Stream) Method

The Stream containing a saved layout.

Loads a saved layout from the given stream.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Loads a saved layout from the given stream")> Public Overloads Sub LoadLayout( _ ByVal <i>stream</i> As System.IO.Stream _ )	
C#	
[C1DescriptionAttribute("Loads a saved layout from the given stream")] public void LoadLayout( System.IO.Stream <i>stream</i> )	

### Parameters

*stream*

The Stream containing a saved layout.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

*MoveFirst Method*

Positions to the first row of the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the first row of the data source")>
Public Overridable Sub MoveFirst()
```

C#

```
[C1DescriptionAttribute("Moves to the first row of the data source")]
public virtual void MoveFirst()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MoveLast Method*

Positions to the last row of the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the last row of the data source")>
Public Overridable Sub MoveLast()
```

C#

```
[C1DescriptionAttribute("Moves to the last row of the data source")]
public virtual void MoveLast()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MoveNext Method*

Positions to the next row of the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the next row of the data source")>
Public Overridable Sub MoveNext()
```

C#

```
[C1DescriptionAttribute("Moves to the next row of the data source")]
public virtual void MoveNext()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MovePrevious Method*

Positions to the previous row of the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the previous row of the data source")>
```

```
Public Overridable Sub MovePrevious()
```

C#

```
[C1DescriptionAttribute("Moves to the previous row of the data source")]
```

```
public virtual void MovePrevious()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MoveRelative Method*

Moves the current row positions of the grid by the given offset.

## Overload List

Overload	Description
<a href="#">MoveRelative(Int32)</a>	Moves the current row positions of the grid by the given offset.
<a href="#">MoveRelative(Int32,Int32)</a>	Moves the current row positions of the grid by the given offset from the given row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### MoveRelative(Int32) Method

The number of records to move. A positive value indicates forward movement; a negative value indicates backward movement.

Moves the current row positions of the grid by the given offset.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the row specified by the given row and  
offset")>  
Public Overloads Overridable Sub MoveRelative( _  
    ByVal offset As System.Integer _  
)
```

### C#

```
[C1DescriptionAttribute("Moves to the row specified by the given row and  
offset")]  
public virtual void MoveRelative(  
    System.int offset  
)
```

## Parameters

### offset

The number of records to move. A positive value indicates forward movement; a negative value indicates backward movement.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### Overload List

##### MoveRelative(Int32,Int32) Method

The number of records to move. A positive value indicates forward movement; a negative value indicates backward movement.

The origin of the relative movement.

Moves the current row positions of the grid by the given offset from the given row.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Moves to the row specified by the given row and  
offset")>  
Public Overloads Overridable Sub MoveRelative( _  
    ByVal offset As System.Integer, _  
    ByVal row As System.Integer _  
)
```

### C#

```
[C1DescriptionAttribute("Moves to the row specified by the given row and  
offset")]  
public virtual void MoveRelative(  
    System.int offset,  
    System.int row  
)
```

## Parameters

### *offset*

The number of records to move. A positive value indicates forward movement; a negative value indicates backward movement.

### *row*

The origin of the relative movement.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

#### *MultiLineExtendColumns Method*

Extends the last column in each subrow so that all rows have the same width.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub MultiLineExtendColumns()</pre>	
C#	
<pre>public void MultiLineExtendColumns()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *On\_AddNew Method*

Raises the OnAddNew event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub On_AddNew( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void On_AddNew(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*On\_Init Method*

Raises the OnInit event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub On_Init( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void On_Init(
```

```
System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*On\_Scroll Method*

Raises the Scroll event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub On_Scroll( _  
    ByVal e As CancelEventArgs _  
)
```

C#

```
protected override void On_Scroll(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnAfterColEdit Method*

Raises the AfterColEdit event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterColEdit( _
    ByVal e As ColEventArgs _)
)
```

C#

```
protected override void OnAfterColEdit(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnAfterColUpdate Method*

Raises the AfterColUpdate event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterColUpdate( _
    ByVal e As ColEventArgs _)
)
```

C#

```
protected override void OnAfterColUpdate(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnAfterDelete Method*

Raises the AfterDelete event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterDelete( _
    ByVal e As System.EventArgs _)
```

)	
C#	
<pre>protected override void OnAfterDelete(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnAfterFilter Method*  
Raises the AfterFilter event.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnAfterFilter( _     ByVal e As FilterEventArgs _</pre>	
)	
C#	
<pre>protected override void OnAfterFilter(     FilterEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnAfterInsert Method*

Raises the AfterInsert event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterInsert( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnAfterInsert(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### *OnAfterSort Method*

Raises the AfterSort event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterSort( _
    ByVal e As FilterEventArgs) _
)
```

### C#

```
protected override void OnAfterSort(
    FilterEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### C1TrueDBGrid Class

#### C1TrueDBGrid Members

#### *OnAfterUpdate Method*

Raises the AfterUpdate event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnAfterUpdate( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnAfterUpdate(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnBeforeClose Method*

Raises the BeforeClose event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeClose( _
    ByVal e As CancelEventArgs _
)
```

C#

```
protected override void OnBeforeClose(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnBeforeColEdit Method*

Raises the BeforeColEdit event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeColEdit( _
    ByVal e As BeforeColEditEventArgs) _
```

)

C#

```
protected override void OnBeforeColEdit(
    BeforeColEditEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnBeforeColUpdate Method*  
Raises the BeforeColUpdate event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeColUpdate( _
    ByVal e As BeforeColUpdateEventArgs _ )
```

C#

```
protected override void OnBeforeColUpdate(
    BeforeColUpdateEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnBeforeDelete Method*  
Raises the BeforeDelete event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeDelete( _
    ByVal e As CancelEventArgs _)
)
```

C#

```
protected override void OnBeforeDelete(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnBeforeInsert Method*

Raises the BeforeInsert event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeInsert( _
    ByVal e As CancelEventArgs _)
)
```

C#

```
protected override void OnBeforeInsert(
```

```
    CancelEventArgs e  
)  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnBeforeOpen Method*  
Raises the BeforeOpen event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeOpen( _  
    ByVal e As CancelEventArgs _  
)
```

C#

```
protected override void OnBeforeOpen(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnBeforeRowColChange Method*

Raises the BeforeRowColChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeRowColChange( _
    ByVal e As CancelEventArgs _)
)
```

C#

```
protected override void OnBeforeRowColChange(
    CancelEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnBeforeUpdate Method*

Raises the BeforeUpdate event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnBeforeUpdate( _
    ByVal e As CancelEventArgs _)
)
```

### C#

```
protected override void OnBeforeUpdate(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnButtonClick Method*

Raises the ButtonClick event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnButtonClick( _
    ByVal e As ColEventArgs _)
```

```

)
C#
protected override void OnButtonClick(
    ColEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *OnChange* Method

Raises the Change event.

## Syntax

Visual Basic (Declaration)

```

Protected Overrides Sub OnChange( _
    ByVal e As System.EventArgs _
)

```

C#

```

protected override void OnChange(
    System.EventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnColEdit Method*

Raises the ColEdit event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnColEdit( _
    ByVal e As ColEventArgs _ )
```

C#

```
protected override void OnColEdit(
    ColEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### *OnCollapse Method*

Raises the Collapse event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnCollapse( _
    ByVal e As BandEventArgs _)
)
```

### C#

```
protected override void OnCollapse(
    BandEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### C1TrueDBGrid Class

#### C1TrueDBGrid Members

#### *OnColMove Method*

Raises the ColMove event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnColMove( _
    ByVal e As ColMoveEventArgs _
)
```

C#

```
protected override void OnColMove(
    ColMoveEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnColResize Method*

Raises the ColResize event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnColResize( _
    ByVal e As ColResizeEventArgs _
)
```

C#

```
protected override void OnColResize(
    ColResizeEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *OnComboSelect Method*

Raises the ComboSelect event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnComboSelect( _
    ByVal e As ColEventArgs _)
)
```

C#

```
protected override void OnComboSelect(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnDataSourceChanged Method*

Raises the `DataSourceChanged` event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnDataSourceChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnDataSourceChanged(
    System.EventArgs e
)
```

### Parameters

`e`

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnError Method*

Raises the `Error` event

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnError( _
    ByVal e As ErrorEventArgs _
)
```

C#

```
protected override void OnError(
    ErrorEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnExpand Method*

Raises the Expand event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnExpand( _
    ByVal e As BandEventArgs _
)
```

C#

```
protected override void OnExpand(
```

```
        BandEventArgs e  
    )
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnFetchCellStyle Method*

Raises the FetchCellStyle event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchCellStyle( _  
    ByVal e As FetchCellStyleEventArgs _  
)
```

C#

```
protected override void OnFetchCellStyle(  
    FetchCellStyleEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnFetchCellTips Method*

Raises the FetchCellTips event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchCellTips( _
    ByVal e As FetchCellTipsEventArgs _ )
```

C#

```
protected override void OnFetchCellTips(
    FetchCellTipsEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnFetchGroupCellStyle Method*

Raises the FetchGroupCellStyle event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchGroupCellStyle( _
    ByVal e As FetchCellStyleEventArgs _)
)
```

### C#

```
protected override void OnFetchGroupCellStyle(
    FetchCellStyleEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnFetchRowStyle Method*

Raises the FetchRowStyle event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFetchRowStyle( _
    ByVal e As FetchRowStyleEventArgs _)
```

)	
C#	
<pre>protected override void OnFetchRowStyle(     FetchRowEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnFetchScrollTips Method*  
Raises the FetchScrollTips event.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnFetchScrollTips( _     ByVal e As FetchScrollTipsEventArgs _</pre>	
)	
C#	
<pre>protected override void OnFetchScrollTips(     FetchScrollTipsEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *OnFilter Method*

Raises the Filter event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFilter( _
    ByVal e As FilterEventArgs _)
)
```

C#

```
protected override void OnFilter(
    FilterEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### *OnFilterButtonClick Method*

Raises the FilterButtonClick event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFilterButtonClick( _
    ByVal e As ColEventArgs _)
)
```

### C#

```
protected override void OnFilterButtonClick(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### C1TrueDBGrid Class

#### C1TrueDBGrid Members

#### *OnFilterChange Method*

Raises the FilterChange event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnFilterChange( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnFilterChange(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnFirstRowChange Method*

Raises the FirstRowChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFirstRowChange( _
    ByVal e As SplitEventArgs _
)
```

C#

```
protected override void OnFirstRowChange(
    SplitEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnFootClick Method*

Raises the FootClick event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFootClick( _
    ByVal e As ColEventArgs _)
)
```

C#

```
protected override void OnFootClick(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *OnFormatText Method*

Raises the FormatText event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFormatText( _
    ByVal e As FormatTextEventArgs _)
)
```

C#

```
protected override void OnFormatText(
    FormatTextEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *OnGroupAggregate Method*

Raises the GroupAggregate event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnGroupAggregate( _
    ByVal e As GroupTextEventArgs _ 
)
```

C#

```
protected override void OnGroupAggregate(
    GroupTextEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnGroupColMove Method*

Raises the GroupColMove event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnGroupColMove( _
    ByVal e As GroupColMoveEventArgs _ 
)
```

C#

```
protected override void OnGroupColMove(
```

```
    GroupColMoveEventArgs e  
)  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnGroupHeadClick Method*

Raises the GroupHeadClick event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnGroupHeadClick( _  
    ByVal e As GroupColEventArgs _  
)
```

### C#

```
protected override void OnGroupHeadClick(  
    GroupColEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnGroupInterval Method*

Raises the GroupInterval event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnGroupInterval( _
    ByVal e As GroupIntervalEventArgs _ )
```

C#

```
protected override void OnGroupInterval(
    GroupIntervalEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnGroupText Method*

Raises the GroupText event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnGroupText( _
    ByVal e As GroupTextEventArgs _)
)
```

### C#

```
protected override void OnGroupText(
    GroupTextEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnHeadClick Method*

Raises the HeadClick event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnHeadClick( _
    ByVal e As ColEventArgs _)
```

```

)
C#
protected override void OnHeadClick(
    ColEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnImeModeChanged Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnImeModeChanged( _     ByVal e As System.EventArgs _ )</pre>	

C#	
<pre>protected override void OnImeModeChanged(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnLeftColChange Method*

Raises the LeftColChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnLeftColChange( _
    ByVal e As SplitEventArgs _ )
```

C#

```
protected override void OnLeftColChange(
    SplitEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnOwnerDrawCell Method*

Raises the OwnerDrawCell event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnOwnerDrawCell( _
    ByVal e As OwnerDrawCellEventArgs _)
)
```

### C#

```
protected override void OnOwnerDrawCell(
    OwnerDrawCellEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnOwnerDrawCellPrint Method*

Raises the OwnerDrawCellPrint event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnOwnerDrawCellPrint( _
    ByVal e As OwnerDrawCellEventArgs _)
```

)	
C#	
<pre>protected override void OnOwnerDrawCellPrint(     OwnerDrawCellEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnOwnerDrawPageFooter Method*  
Raises the OwnerDrawPageFooter event.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnOwnerDrawPageFooter( _     ByVal e As OwnerDrawEventArgs _</pre>	
)	
C#	
<pre>protected override void OnOwnerDrawPageFooter(     OwnerDrawEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnOwnerDrawPageHeader Method*

Raises the OwnerDrawPageHeader event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnOwnerDrawPageHeader( _
    ByVal e As OwnerDrawEventArgs _ )
```

C#

```
protected override void OnOwnerDrawPageHeader(
    OwnerDrawEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnPaint Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnPaint( _
    ByVal e As System.Windows.Forms.PaintEventArgs _)
)
```

C#

```
protected override void OnPaint(
    System.Windows.Forms.PaintEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnRowColChange Method*

Raises the RowColChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnRowColChange( _
```

```
    ByVal e As RowColChangeEventArgs _  
)
```

C#

```
protected override void OnRowColChange(  
    RowColChangeEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnRowResize Method*

Raises the RowResize event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnRowResize( _  
    ByVal e As CancelEventArgs _  
)
```

C#

```
protected override void OnRowResize(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnSelChange Method*

Raises the SelChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSelChange( _
    ByVal e As CancelEventArgs _)
)
```

C#

```
protected override void OnSelChange(
    CancelEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *OnSort Method*

Raises the Sort event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSort( _
    ByVal e As FilterEventArgs) _
)
```

C#

```
protected override void OnSort(
    FilterEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *OnSplitAdded Method*

Raises the SplitRemoved event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSplitAdded( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnSplitAdded(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnSplitChange Method*

Raises the SplitChange event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSplitChange( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnSplitChange(
```

```
System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*OnSplitRemoved Method*

Raises the SplitRemoved event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSplitRemoved( _  
    ByVal e As System.EventArgs _  
)
```

C#

```
protected override void OnSplitRemoved(  
    System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OnUnboundColumnFetch Method*

Raises the UnboundColumnFetch event.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnUnboundColumnFetch( _
    ByVal e As UnboundColumnFetchEventArgs) _
)
```

C#

```
protected override void OnUnboundColumnFetch(
    UnboundColumnFetchEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnUnboundColumnUpdated Method*

Raises the UnboundColumnUpdated event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnUnboundColumnUpdated( _
    ByVal e As UnboundColumnEventArgs _ )
```

### C#

```
protected override void OnUnboundColumnUpdated(
    UnboundColumnEventArgs e )
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnValueItemError Method*

Raises the ValueItemError event.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnValueItemError( _
    ByVal e As ColEventArgs _ )
```

)	
C#	
<pre>protected override void OnValueItemError(     ColEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *PointAt Method*

Returns one of the [PointAtEnum](#) enumerations, which indicates the kind of grid element beneath the specified coordinate.

## Overload List

Overload	Description
<a href="#">PointAt(Point)</a>	Returns one of the <a href="#">PointAtEnum</a> enumerations, which indicates the kind of grid element beneath the specified coordinate.
<a href="#">PointAt(Int32,Int32)</a>	Returns one of the <a href="#">PointAtEnum</a> constants, which indicates the kind of grid element beneath the specified coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

PointAt(Point) Method

The Point in client coordinates.

Returns one of the [PointAtEnum](#) enumerations, which indicates the kind of grid element beneath the specified coordinate.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the type of grid element under the specified  
Point")>  
Public Overloads Function PointAt( _  
    ByVal p As System.Drawing.Point _  
) As PointAtEnum
```

C#

```
[C1DescriptionAttribute("Returns the type of grid element under the specified  
Point")]  
public PointAtEnum PointAt(  
    System.Drawing.Point p  
)
```

### Parameters

*p*

The Point in client coordinates.

### Return Value

The [PointAtEnum](#) enumerations under the given coordinate.

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

PointAt(Int32,Int32) Method

The x-coordinate.

The y-coordinate.

Returns one of the [PointAtEnum](#) constants, which indicates the kind of grid element beneath the specified coordinate.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the type of grid element under the specified  
(X,Y) coordinate")>  
Public Overloads Function PointAt( _  
    ByVal x As System.Integer, _  
    ByVal y As System.Integer _  
) As PointAtEnum
```

C#

```
[C1DescriptionAttribute("Returns the type of grid element under the specified  
(X,Y) coordinate")]  
public PointAtEnum PointAt(  
    System.int x,  
    System.int y  
)
```

### Parameters

x

The x-coordinate.

y

The y-coordinate.

## Return Value

The [PointAtEnum](#) enumerations under the given coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### *Rebind Method*

Reinitializes grid with data from its data source.

## Overload List

Overload	Description
<a href="#">Rebind(Boolean)</a>	Reinitializes grid with data from its data source.
<a href="#">Rebind()</a>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

Rebind(Boolean) Method

True to preserves current column layout. False retrieves the schema from the datasource.

Reinitializes grid with data from its data source.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Reinitializes grid with data from its data source")>
Public Overloads Sub Rebind( _
    ByVal holdFields As System.Boolean _
)
```

C#

```
[C1DescriptionAttribute("Reinitializes grid with data from its data source")]
public void Rebind(
    System.bool holdFields
)
```

### Parameters

*holdFields*

True to preserves current column layout. False retrieves the schema from the datasource.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

Rebind() Method

## Syntax

Visual Basic (Declaration)

```
<System.ObsoleteAttribute("Use Rebind(boolean holdFields)")>
<C1DescriptionAttribute("Reinitializes grid with data from its data source")>
Public Overloads Sub Rebind()
```

C#

```
[System.ObsoleteAttribute("Use Rebind(boolean holdFields)")]
[C1DescriptionAttribute("Reinitializes grid with data from its data source")]
public void Rebind()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### *RefetchRow Method*

Retrieves data from the datasource for the current row and refreshes the row.

## Overload List

Overload	Description
<a href="#">RefetchRow()</a>	Retrieves data from the datasource for the current row and refreshes the row.
<a href="#">RefetchRow(Int32)</a>	Retrieves data from the datasource for the specified row and refreshes the row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

RefetchRow() Method

Retrieves data from the datasource for the current row and refreshes the row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Refetches the current row data from the data source")>
Public Overloads Sub RefetchRow()
```

C#

```
[C1DescriptionAttribute("Refetches the current row data from the data source")]
public void RefetchRow()
```

## Remarks

The RefetchRow method repopulates the specified row from a data source. It also repaints the row, firing all events necessary for redisplay.

By default, the grid retrieves data automatically as needed. In some circumstances, the underlying datasource may change without the grid receiving notification that a change has occurred. The RefetchRow method is provided for this purpose.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[RefetchRow\(Int32\) Method](#)

The row to refetch.

Retrieves data from the datasource for the specified row and refreshes the row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Refetches the specified row data from the data
source")>
Public Overloads Sub RefetchRow( _
    ByVal row As System.Integer _
)
```

C#

```
[C1DescriptionAttribute("Refetches the specified row data from the data
source")]
public void RefetchRow(
    System.int row
)
```

## Parameters

*row*

The row to refetch.

## Remarks

The RefetchRow method repopulates the specified row from a data source. It also repaints the row, firing all events necessary for redisplay.

By default, the grid retrieves data automatically as needed. In some circumstances, the underlying datasource may change without the grid receiving notification that a change has occurred. The RefetchRow method is provided for this purpose.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### Refresh Method

Clears any cached styles and forces the grid to repaint.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Sub Refresh()</pre>	
C#	
<pre>public override void Refresh()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### RefreshCol Method

Invalidates the current column.

## Overload List

Overload	Description
<a href="#">RefreshCol()</a>	Invalidates the current column.
<a href="#">RefreshCol(Int32)</a>	Invalidates the specified column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[RefreshCol\(\) Method](#)

Invalidates the current column.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Repaints the current column")>	
Public Overloads Sub RefreshCol()	

C#	
[C1DescriptionAttribute("Repaints the current column")]	
public void RefreshCol()	

## Remarks

The RefreshCol method causes a repaint of the entire column in the grid. Normally, the grid repaints automatically as needed. However, if handlers have been written for the [OwnerDrawCell](#) event, use this method to force a column to be repainted and hence cause the appropriate events to fire.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

RefreshCol(Int32) Method

The split column index to repaint.

Invalidate the specified column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Repaints the specified column")>
Public Overloads Sub RefreshCol( _
    ByVal col As System.Integer _
)
```

C#

```
[C1DescriptionAttribute("Repaints the specified column")]
public void RefreshCol(
    System.int col
)
```

### Parameters

*col*

The split column index to repaint.

## Remarks

The RefreshCol method causes a repaint of the entire column in the grid. Normally, the grid repaints automatically as needed. However, if handlers have been written for the [OwnerDrawCell](#) event, use this method to force a column to be repainted and hence cause the appropriate events to fire.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

#### *RefreshRow Method*

Invalidates the current row.

## Overload List

Overload	Description
<a href="#">RefreshRow()</a>	Invalidates the current row.
<a href="#">RefreshRow(Int32)</a>	Invalidates the current row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

[RefreshRow\(\) Method](#)  
Invalidates the current row.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Repaints the current row")>
Public Overloads Sub RefreshRow()
```

C#	
----	--

```
[C1DescriptionAttribute("Repaints the current row")]
public void RefreshRow()
```

## Remarks

The RefreshRow method causes a repaint of the entire row in the grid. Normally, the grid repaints automatically as needed. However, if handlers have been written for the [OwnerDrawCell](#) event, use this method to force a row to be repainted and hence cause the appropriate events to fire.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[RefreshRow\(Int32\) Method](#)

The row to refresh.

Invalidates the current row.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Repaints the specified row")>
Public Overloads Sub RefreshRow( _
    ByVal row As System.Integer _
)
```

C#

```
[C1DescriptionAttribute("Repaints the specified row")]
public void RefreshRow(
    System.int row
)
```

## Parameters

*row*

The row to refresh.

## Remarks

The RefreshRow method causes a repaint of the entire row in the grid. Normally, the grid repaints automatically as needed. However, if handlers have been written for the [OwnerDrawCell](#) event, use this method to force a row to be repainted and hence cause the appropriate events to fire.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

### *RemoveHorizontalSplit Method*

Removes all the horizontal splits at the given index.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Removes all the Horizontal Splits at the given
position")>
```

```

Public Sub RemoveHorizontalSplit( _
    ByVal idx As System.Integer _
)

```

C#

```

[C1DescriptionAttribute("Removes all the Horizontal Splits at the given
position")]
public void RemoveHorizontalSplit(
    System.int idx
)

```

## Parameters

*idx*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RemoveVerticalSplit Method*

Removes all vertical splits at the given index.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Removes all the Vertical Splits at the given
position")>
Public Sub RemoveVerticalSplit( _
    ByVal idx As System.Integer _
)

```

C#

```
[C1DescriptionAttribute("Removes all the Vertical Splits at the given position")]
public void RemoveVerticalSplit(
    System.int idx
)
```

## Parameters

*idx*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ResumeBinding Method*

Resumes IBindingList.ListChange notifications from the data source to the grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Resumes data binding notification from the
datasource")>
```

```
Public Sub ResumeBinding()
```

C#

```
[C1DescriptionAttribute("Resumes data binding notification from the
datasource")]
```

```
public void ResumeBinding()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RowBookmark Method*

The row index of the grid.

Returns the row index of the DataSource for a display row index.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Returns the row index of the DataSource for a display row")&gt; Public Function RowBookmark( _     ByVal row As System.Integer _  ) As System.Integer</pre>	
C#	
<pre>[C1DescriptionAttribute("Returns the row index of the DataSource for a display row")] public System.int RowBookmark(     System.int row )</pre>	

### Parameters

*row*

The row index of the grid.

### Return Value

The underlying row index of the DataSource.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *RowContaining Method*

The vertical coordinate (Y value) in pixels.

Returns the zero-based index of the display row containing the Y specified coordinate.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Identifies the ordinal position of the visible row  
under a Y coordinate")>  
Public Function RowContaining( _  
    ByVal y As System.Integer _  
) As System.Integer
```

### C#

```
[C1DescriptionAttribute("Identifies the ordinal position of the visible row  
under a Y coordinate")]  
public System.int RowContaining(  
    System.int y  
)
```

### Parameters

y

The vertical coordinate (Y value) in pixels.

### Return Value

The display row index beneath the specified Y coordinate.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *RowExpanded Method*

Obtains the expanded state of a band for a hierarchical grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns true if the given band is in the expanded  
state")>  
Public Function RowExpanded( _  
    ByVal band As System.Integer _  
) As System.Boolean
```

C#

```
[C1DescriptionAttribute("Returns true if the given band is in the expanded  
state")]  
public System.bool RowExpanded(  
    System.int band  
)
```

### Parameters

*band*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### RowTop Method

The displayed row index.

Returns the Y coordinate of the top of a visible row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the Y position of a row's top border")>
Public Function RowTop( _
    ByVal row As System.Integer _
) As System.Integer
```

C#

```
[C1DescriptionAttribute("Returns the Y position of a row's top border")]
public System.int RowTop(
    System.int row
)
```

### Parameters

*row*

The displayed row index.

### Return Value

The Y coordinate of the specified display row, based on the client coordinates of the grid.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

## C1TrueDBGrid Class

### C1TrueDBGrid Members

#### *SaveLayout Method*

Saves the grid's layout.

## Overload List

Overload	Description
<a href="#">SaveLayout(String)</a>	Saves the grid's layout.
<a href="#">SaveLayout(Stream)</a>	Saves the grid's layout.
<a href="#">SaveLayout(String,Boolean)</a>	Saves the grid's layout.
<a href="#">SaveLayout(Stream,Boolean)</a>	Saves the grid's layout.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [C1TrueDBGrid Class](#)

#### [C1TrueDBGrid Members](#)

#### [SaveLayout\(String\) Method](#)

File to contain the grid layout.

Saves the grid's layout.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Saves the grids layout to the given file")>
Public Overloads Sub SaveLayout( _
```

```

    ByVal filename As System.String _
)
C#
[C1DescriptionAttribute("Saves the grids layout to the given file")]
public void SaveLayout(
    System.string filename
)

```

## Parameters

*filename*

File to contain the grid layout.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[SaveLayout\(Stream\) Method](#)

The Stream to contain the grid layout.

Saves the grid's layout.

## Syntax

Visual Basic (Declaration)

```

<C1DescriptionAttribute("Saves the grids layout to the given stream")>
Public Overloads Sub SaveLayout( _
    ByVal stream As System.IO.Stream _
)

```

C#

```
[C1DescriptionAttribute("Saves the grids layout to the given stream")]
public void SaveLayout(
    System.IO.Stream stream
)
```

## Parameters

*stream*

The Stream to contain the grid layout.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

SaveLayout(String,Boolean) Method

File to contain the grid layout.

Specifies whether default values are serialized.

Saves the grid's layout.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Saves the grids layout to the given file")>
Public Overloads Sub SaveLayout( _
    ByVal filename As System.String, _
    ByVal withDefaultValues As System.Boolean _)
)
```

C#

```
[C1DescriptionAttribute("Saves the grids layout to the given file")]
public void SaveLayout(
    System.string filename,
    System.bool withDefaultValues
)
```

## Parameters

*filename*

File to contain the grid layout.

*withDefaultValues*

Specifies whether default values are serialized.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[SaveLayout\(Stream,Boolean\) Method](#)

The Stream to contain the grid layout.

Specifies whether default values are serialized.

Saves the grid's layout.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Saves the grids layout to the given stream")>
Public Overloads Sub SaveLayout( _
```

```
    ByVal stream As System.IO.Stream, _  
    ByVal withDefaultValues As System.Boolean _  
)  
C#
```

```
[C1DescriptionAttribute("Saves the grids layout to the given stream")]  
public void SaveLayout(  
    System.IO.Stream stream,  
    System.bool withDefaultValues  
)
```

## Parameters

*stream*

The Stream to contain the grid layout.

*withDefaultValues*

Specifies whether default values are serialized.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

*ScrollGrid Method*

Number of columns to scroll.

Number of rows to scroll.

Scrolls the grid data area by the specified number of rows and columns.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Scrolls the grid data area by the specified number of
rows and columns")>
Public Sub ScrollGrid( _
    ByVal cols As System.Integer, _
    ByVal rows As System.Integer _
)
```

C#

```
[C1DescriptionAttribute("Scrolls the grid data area by the specified number of
rows and columns")]
public void ScrollGrid(
    System.int cols,
    System.int rows
)
```

## Parameters

*cols*

Number of columns to scroll.

*rows*

Number of rows to scroll.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SetActiveCell Method*

The zero based index of the row.

The zero based index of the column.

Sets the focus to the given cell.

## Syntax

Visual Basic (Declaration)

```
Public Sub SetActiveCell( _
    ByVal row As System.Integer, _
    ByVal col As System.Integer _
)
```

C#

```
public void SetActiveCell(
    System.int row,
    System.int col
)
```

### Parameters

*row*

The zero based index of the row.

*col*

The zero based index of the column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ShouldSerializeRecordSelectorWidth Method*

Shoulds the width of the record selector be serialized.

## Syntax

Visual Basic (Declaration)

```
Protected Function ShouldSerializeRecordSelectorWidth() As System.Boolean
```

C#

```
protected System.bool ShouldSerializeRecordSelectorWidth()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ShouldSerializeRowDivider Method*

Should the row divider be serialized.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function ShouldSerializeRowDivider() As System.Boolean
```

C#

```
protected virtual System.bool ShouldSerializeRowDivider()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ShouldSerializeRowSubDividerColor Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function ShouldSerializeRowSubDividerColor() As  
System.Boolean
```

C#

```
protected virtual System.bool ShouldSerializeRowSubDividerColor()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SplitContaining Method*

The x-coordinate.

The y-coordinate.

Returns the [SplitIndex](#) of the split containing the specified coordinate.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Identifies the index of the grid split under an (X,Y)  
coordinate")>  
Public Function SplitContaining( _  
    ByVal x As System.Integer, _
```

```
    ByVal y As System.Integer _  
) As System.Integer
```

C#

```
[C1DescriptionAttribute("Identifies the index of the grid split under an (X,Y)  
coordinate")]  
public System.int SplitContaining(  
    System.int x,  
    System.int y  
)
```

## Parameters

*x*

The x-coordinate.

*y*

The y-coordinate.

## Return Value

The [SplitIndex](#) beneath the specified coordinate pair.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *SuspendBinding Method*

Instructs the grid to temporarily ignore IBindingList.ListChange notifications from the data source.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Temporary suspension of data binding notifications from  
the datasource")>
```

```
Public Sub SuspendBinding()
```

C#

```
[C1DescriptionAttribute("Temporary suspension of data binding notifications from  
the datasource")]
```

```
public void SuspendBinding()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *UpdateData Method*

Updates any changes on the current row to the data source.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Updates any changes on the current row to the data  
source")>
```

```
Public Overridable Sub UpdateData()
```

C#

```
[C1DescriptionAttribute("Updates any changes on the current row to the data  
source")]
```

```
public virtual void UpdateData()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*WndProc Method*

Processes Windows messages.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub WndProc( _
    ByRef m As System.Windows.Forms.Message _
)
```

C#

```
protected override void WndProc(
    ref System.Windows.Forms.Message m
)
```

### Parameters

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

## *Properties*

For a list of all members of this type, see [C1TrueDBGrid members](#).

## Public Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AddNewMode</a>	Gets a value that describes the current AddNew state.
	<a href="#">AllowAddNew</a>	Gets or sets a value indicating the ability to add new rows.
	<a href="#">AllowArrows</a>	Gets or sets a value indicating whether arrow keys can be used to navigate around the grid.
	<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns in the grid.
	<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns in the grid.
	<a href="#">AllowDelete</a>	Gets or sets a value indicating the ability to delete records from the grid.
	<a href="#">AllowDrag</a>	Gets or sets a value indicating the ability to drag from the grid.

 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowHorizontalSplit</a>	Gets or sets a value indicating whether a user is allowed to create horizontal splits.
 <a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows in the grid.
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
 <a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">AllowUpdate</a>	Gets or sets a value indicating the ability of a user to modify data.
 <a href="#">AllowUpdateOnBlur</a>	Gets or sets a value indicating how the grid updates modified data when the grid loses focus.
 <a href="#">AllowVerticalSplit</a>	Gets or sets a value indicating whether a user is allowed to create vertical splits.
 <a href="#">AlternatingRows</a>	Gets or sets a value indicating whether the grid or split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.

 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bands</a>	Gets the number of levels within a hierarchical grid.
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bookmark</a>	Gets or sets the current row position of the underlying CurrencyManager.
 <a href="#">BorderStyle</a>	Gets or sets the border for the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Caption</a>	Gets or sets the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionHeight</a>	Gets or sets the height of the grid's caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance

		of the caption area.
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CellTips</a>	Gets or sets whether the grid displays a pop-up text window when the cursor is idle.	
 <a href="#">CellTipsDelay</a>	Gets or sets the amount of time in milliseconds before the cell tip window is displayed.	
 <a href="#">CellTipsWidth</a>	Gets or sets the width of the cell tip window.	
 <a href="#">ChildGrid</a>	Gets or sets the C1TrueDBGrid control used as a child grid in a hierarchical presentation.	
 <a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Col</a>	Gets or sets the column position of the current cell in the current split.	
 <a href="#">CollapseColor</a>	Gets or sets the color of the collapse icon.	
 <a href="#">ColumnFooters</a>	Gets or sets a value indicating the visibility of column footers.	
 <a href="#">ColumnHeaders</a>	Gets or sets a value indicating the visibility of column headers.	
 <a href="#">Columns</a>	Gets the collection of C1 DataColumn objects.	
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)	

 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell in a split.
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataChanged</a>	Gets or sets a value indicating the modification status of the current row.
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">DataView</a>	Gets or sets the layout by which the grid will display data.
 <a href="#">DefColWidth</a>	Gets or sets the default width for all grid columns.
 <a href="#">DestinationCol</a>	Gets the column which will be current after cell

		movement.
 <a href="#">DestinationRow</a>		Gets the row which will be current after cell movement.
 <a href="#">DestinationSplit</a>		Gets the split index which will be current after cell movement.
 <a href="#">DirectionAfterEnter</a>		Gets or sets a value that determines the relative position of the next cell when the user presses the Enter key.
 <a href="#">DisplayRectangle</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">Disposing</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>		(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleBuffer</a>		Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">EditActive</a>		Gets or sets a value indicating the editing status of the current cell.
 <a href="#">EditDropDown</a>		Gets or sets a value indicating whether editing will take place in a popup window or within cell boundaries.
 <a href="#">Editor</a>		Gets a reference to the cell editor that is currently active.
 <a href="#">EditorStyle</a>		Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
 <a href="#">EmptyRows</a>		Gets or sets a value that determines how the grid displays rows below the last data row.
 <a href="#">Enabled</a>		(Inherited from System.Windows.Forms.Control)

 <a href="#">ErrorImage</a>	Gets or sets the image used for ErrorProvider.
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExpandColor</a>	Gets or sets the color of the expand icon in hierarchical grids.
 <a href="#">ExposeCellMode</a>	Gets or sets how the rightmost column reacts when clicked by the user.
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the grid.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FilterActive</a>	Gets or sets a value indicating whether the filter bar has focus.
 <a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
 <a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the FilterBar.
 <a href="#">FilterWatermarkStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">C1DataColumn.FilterWatermark</a> .
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row in a grid or split.
 <a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FocusedSplit</a>	Gets the Split that has focus.
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GroupByAreaVisible</a>	Gets or sets a value indicating the visibility of the Grouping area of the grid when the <a href="#">DataView</a> property is set to GroupBy.
 <a href="#">GroupByCaption</a>	Gets or sets the text displayed in the grouping area when no columns have been grouped.
 <a href="#">GroupByRectangle</a>	Gets the rectangle occupied by the grouping area.
 <a href="#">GroupedColumns</a>	Gets the collection of columns that are grouped.
 <a href="#">GroupStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of grouping area.
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HighLightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current

		row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.
 <a href="#">HScrollBar</a>		Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.
 <a href="#">ImeMode</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">InactiveStyle</a>		Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.
 <a href="#">InvokeRequired</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsAccessible</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsDisposed</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsHandleCreated</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">IsMirrored</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Item</a>		Overloaded. Gets the row object associated with the given row.
 <a href="#">Language</a>		Gets or sets the language to use when localizing the column filters.
 <a href="#">LayoutEngine</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Left</a>		(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">LeftCol</a>		Gets or sets the zero-based index of the leftmost column in a grid or split.
 <a href="#">LinesPerPage</a>		Gets or sets the number of subrows of the grid when the

		<a href="#">DataView</a> property is set to MutlipleLinesFixed.
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">MaintainRowCurrency</a>	Gets or sets a value indicating the behavior of the grid and row currency when the grid's datasource is sorted.	
 <a href="#">Margin</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a grid.	
 <a href="#">MatchEntryTimeOut</a>	Gets or sets the time (milliseconds) in which the incremental search string will reset for a dropdown when the <a href="#">C1DisplayColumn.DropDownList</a> property is True.	
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">MultiSelect</a>	Gets or sets the selection state of the grid.	
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .	
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">PictureAddnewRow</a>	Gets or sets the Image used in the record selector to indicate the AddNew row.	
 <a href="#">PictureCurrentRow</a>	Gets or sets the Image used in the record selector to indicate the Current row.	

 <a href="#">PictureFilterBar</a>	Gets or sets the Image used in the record selector to indicate the FilterBar row.
 <a href="#">PictureFooterRow</a>	Gets or sets the Image used in the record selector to indicate the Footer row.
 <a href="#">PictureHeaderRow</a>	Gets or sets the Image used in the record selector to indicate the Header row.
 <a href="#">PictureModifiedRow</a>	Gets or sets the Image used in the record selector to indicate the Modified row.
 <a href="#">PictureStandardRow</a>	Gets or sets the Image used in the record selector to indicate the Standard row.
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewInfo</a>	Gets the <a href="#">PrintPreviewWinSettings</a> object.
 <a href="#">PrintInfo</a>	Gets the <a href="#">PrintInfo</a> object.
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for a grid or split.
 <a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
 <a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Row</a>	Gets or sets the the current row.
 <a href="#">RowCount</a>	Gets the number of rows in an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowDivider</a>	Gets or sets the style of the border drawn between grid rows.
 <a href="#">RowHeight</a>	Gets or sets the height of grid rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">RowSubDividerColor</a>	Gets or sets the color of the subrow divider in a multi-line grid.
 <a href="#">ScrollTips</a>	Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.
 <a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SelectedCols</a>	Gets the collection of columns that are currently selected.

 <a href="#">SelectedRows</a>	Gets the collection of rows that are currently selected.
 <a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.
 <a href="#">SelectedText</a>	Gets or sets the string containing the currently selected text within the grid's editing window.
 <a href="#">SelectionLength</a>	Gets or sets the number of characters selected within the grid's editing window.
 <a href="#">SelectionStart</a>	Gets or sets the starting point of the text selection within the grid's editing window.
 <a href="#">SelRange</a>	Gets a value indicating whether a range of cells has been selected.
 <a href="#">Site</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">Size</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">SplitDividerSize</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">SplitIndex</a>	Gets or sets the index of the current <a href="#">Split</a> within the <a href="#">SplitCollection</a> .
 <a href="#">Splits</a>	Gets the collection of <a href="#">Split</a> objects.
 <a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object.
 <a href="#">Styles</a>	Gets the collection of named <a href="#">Style</a> objects.

 <a href="#">TabAcrossSplits</a>	Gets or sets a value indicating the behavior of the tab and arrow keys at split borders.
 <a href="#">TabAction</a>	Gets or sets the behavior of the tab key.
 <a href="#">TabIndex</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ViewCaptionWidth</a>	Gets or sets the width of the column caption when the <a href="#">DataView</a> is set to Inverted or Form.
 <a href="#">ViewColumnWidth</a>	Gets or sets the width of a column when the <a href="#">DataView</a> is set to Inverted or Form.
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleCols</a>	Gets the number of visible columns in the current Split.
 <a href="#">VisibleRows</a>	Gets the number of visible rows in the current Split.

 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.
 <a href="#">Width</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
 <a href="#">WrapCellPointer</a>	Gets or sets a value indicating the behavior of Tab and arrow keys at row boundaries.

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## Protected Properties

	Name	Description
 <a href="#">CanEnableIme</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">CanRaiseEvents</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">CreateParams</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )	
 <a href="#">DefaultCursor</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultImeMode</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMargin</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMaximumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultMinimumSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	
 <a href="#">DefaultPadding</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )	

	<a href="#">DefaultSize</a>	Gets the default size of the control. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )
	<a href="#">DesignMode</a>	(Inherited from <a href="#">System.ComponentModel.Component</a> )
	<a href="#">DoubleBuffered</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">Events</a>	(Inherited from <a href="#">System.ComponentModel.Component</a> )
	<a href="#">FontHeight</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ImeModeBase</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ResizeRedraw</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ScaleChildren</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

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## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *AddNewMode Property*

Gets a value that describes the current AddNew state.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Returns the current AddNew state")>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property AddNewMode As AddNewModeEnum
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Returns the current AddNew state")]
[System.ComponentModel.BrowsableAttribute(false)]
public AddNewModeEnum AddNewMode {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowAddNew Property*

Gets or sets a value indicating the ability to add new rows.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<C1DescriptionAttribute("Enables/disables interactive record addition")>
Public Property AllowAddNew As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[C1DescriptionAttribute("Enables/disables interactive record addition")]
```

```
public System.bool AllowAddNew {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *AllowArrows Property*

Gets or sets a value indicating whether arrow keys can be used to navigate around the grid.

## Syntax

### Visual Basic (Declaration)

```
<LayoutAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Enables/disables use of arrow keys for grid
navigation")>
Public Property AllowArrows As System.Boolean
```

### C#

```
[LayoutAttribute()]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Enables/disables use of arrow keys for grid
navigation")]
public System.bool AllowArrows {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowColMove Property*

Gets or sets a value indicating the ability to move columns in the grid.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Enables/disables interactive column movement")>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property AllowColMove As System.Boolean
```

C#

```
[C1DescriptionAttribute("Enables/disables interactive column movement")]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool AllowColMove {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *AllowColSelect Property*

Gets or sets a value indicating the ability to select columns in the grid.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disables interactive column selection")>
Public Property AllowColSelect As System.Boolean
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables/disables interactive column selection")]
public System.bool AllowColSelect {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *AllowDelete Property*

Gets or sets a value indicating the ability to delete records from the grid.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
```

```

<C1DescriptionAttribute("Enables/disables interactive record deletion")>
<LayoutAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property AllowDelete As System.Boolean

C#

```

```

[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables/disables interactive record deletion")]
[LayoutAttribute()]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool AllowDelete {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowDrag Property*

Gets or sets a value indicating the ability to drag from the grid.

## Syntax

### Visual Basic (Declaration)

```

<C1CategoryAttribute("Behavior")>
<LayoutAttribute()>
<C1DescriptionAttribute("Enables/disables dragging")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property AllowDrag As System.Boolean

```

C#

```
[C1CategoryAttribute("Behavior")]
[LayoutAttribute()]
[C1DescriptionAttribute("Enables/disables dragging")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool AllowDrag {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowHorizontalSplit Property*

Gets or sets a value indicating whether a user is allowed to create horizontal splits.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls interactive creation of Horizontal Splits")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Display")>
Public Property AllowHorizontalSplit As System.Boolean
```

C#

```
[C1DescriptionAttribute("Controls interactive creation of Horizontal Splits")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
```

```
[C1CategoryAttribute("Display")]
public System.bool AllowHorizontalSplit {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowRowSelect Property*

Gets or sets a value indicating the ability to select rows in the grid.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()>	
<C1DescriptionAttribute("Enables/disables interactive row selection")>	
<System.ComponentModel.LocalizableAttribute(True)>	
<C1CategoryAttribute("Behavior")>	
<b>Public Property</b> AllowRowSelect <b>As</b> System.Boolean	

C#	
[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Enables/disables interactive row selection")] [System.ComponentModel.LocalizableAttribute(true)] [C1CategoryAttribute("Behavior")] <b>public System.bool</b> AllowRowSelect <b>{get; set;}</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowRowSizing Property*

Gets or sets how interactive row resizing is performed.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls interactive row resizing")>
<C1CategoryAttribute("Behavior")>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowRowSizing As RowSizingEnum
```

C#

```
[C1DescriptionAttribute("Controls interactive row resizing")]
[C1CategoryAttribute("Behavior")]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
public RowSizingEnum AllowRowSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AllowUpdate Property*

Gets or sets a value indicating the ability of a user to modify data.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Enables/disables interactive record modification")> <LayoutAttribute()> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.LocalizableAttribute(True)> <C1CategoryAttribute("Behavior")> Public Property AllowUpdate As System.Boolean	
C#	
[C1DescriptionAttribute("Enables/disables interactive record modification")] [LayoutAttribute()] [System.ComponentModel.DefaultValueAttribute()] [System.ComponentModel.LocalizableAttribute(true)] [C1CategoryAttribute("Behavior")] public System.bool AllowUpdate {get; set;}	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *AllowUpdateOnBlur Property*

Gets or sets a value indicating how the grid updates modified data when the grid loses focus.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Behavior")> <System.ComponentModel.LocalizableAttribute(True)>	

```

<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disables updates when the grid loses focus")>
<LayoutAttribute()>
Public Property AllowUpdateOnBlur As System.Boolean

C#

```

```

[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables/disables updates when the grid loses focus")]
[LayoutAttribute()]
public System.bool AllowUpdateOnBlur {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *AllowVerticalSplit Property*

Gets or sets a value indicating whether a user is allowed to create vertical splits.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<C1DescriptionAttribute("Controls interactive creation of Vertical Splits")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Display")>
Public Property AllowVerticalSplit As System.Boolean

```

C#	
----	--

```
[C1DescriptionAttribute("Controls interactive creation of Vertical Splits")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Display")]
public System.bool AllowVerticalSplit {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *AlternatingRows Property*

Gets or sets a value indicating whether the grid or split uses the [OddRowStyle](#) for odd-numbered rows and [EvenRowStyle](#) for even-numbered rows.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls whether the EvenRow/OddRow styles are applied
for the grid")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute()>
<C1CategoryAttribute("Appearance")>
Public Property AlternatingRows As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Controls whether the EvenRow/OddRow styles are applied
for the grid")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
```

```
[LayoutAttribute()]
[C1CategoryAttribute("Appearance")]
public System.bool AlternatingRows {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *Bands Property*

Gets the number of levels within a hierarchical grid.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Get the number of bands in an Hierarchical grid")>
Public ReadOnly Property Bands As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Get the number of bands in an Hierarchical grid")]
public System.int Bands {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Bookmark Property*

Gets or sets the current row position of the underlying CurrencyManager.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Sets/returns current row number")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Bookmark As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns current row number")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int Bookmark {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*CaptionStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the caption area.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Controls the caption style for the grid")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property CaptionStyle As Style
```

C#	
----	--

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Controls the caption style for the grid")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public Style CaptionStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *CellTips Property*

Gets or sets whether the grid displays a pop-up text window when the cursor is idle.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<LayoutAttribute()>
<C1DescriptionAttribute("Enables/disables cell tips")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property CellTips As CellTipEnum
```

C#

```
[LayoutAttribute()]
[C1DescriptionAttribute("Enables/disables cell tips")]
[System.ComponentModel.DefaultValueAttribute()]
public CellTipEnum CellTips {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*CellTipsDelay Property*

Gets or sets the amount of time in milliseconds before the cell tip window is displayed.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()
<System.ComponentModel.DefaultValueAttribute()
<C1DescriptionAttribute("Sets/returns idle time in milliseconds before a cell
tip are displayed")>
Public Property CellTipsDelay As System.Integer
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets/returns idle time in milliseconds before a cell
tip are displayed")]
public System.int CellTipsDelay {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*CellTipsWidth Property*

Gets or sets the width of the cell tip window.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns width of the cell tip window")>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property CellTipsWidth As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets/returns width of the cell tip window")]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.int CellTipsWidth {get; set;}
```

## Remarks

The CellTipsWidth property returns or sets the width of the cell tip window in pixels.

By default, this property is set to zero, which causes the cell tip window to grow or shrink to accommodate the cell tip text. Override this behavior and give the cell tip window a fixed width by specifying a non-zero value for this property.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ChildGrid Property*

Gets or sets the C1TrueDBGrid control used as a child grid in a hierarchical presentation.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()>	
<C1DescriptionAttribute("Sets the child grid control when using master/detail")>	
<b>Public Property</b> ChildGrid <b>As</b> C1TrueDBGrid	

C#	
[System.ComponentModel.DefaultValueAttribute()]	
[C1DescriptionAttribute("Sets the child grid control when using master/detail")]	
<b>public C1TrueDBGrid ChildGrid {get; set;}</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Col Property*

Gets or sets the column position of the current cell in the current split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Sets or retrieves the current split column index.")>
Public Property Col As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets or retrieves the current split column index.")]
public System.int Col {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*CollapseColor Property*

Gets or sets the color of the collapse icon.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets or retrieves the color of the collapse icon")>
<C1CategoryAttribute("Appearance")>
<System.ComponentModel.DefaultValueAttribute()>
```

```
<LayoutAttribute()>
Public Property CollapseColor As System.Drawing.Color
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets or retrieves the color of the collapse icon")]
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.DefaultValueAttribute()]
[LayoutAttribute()]
public System.Drawing.Color CollapseColor {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ColumnFooters Property*

Gets or sets a value indicating the visibility of column footers.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disabled column footers")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Display")>
Public Property ColumnFooters As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
```

```
[C1DescriptionAttribute("Enables/disabled column footers")]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Display")]
public System.bool ColumnFooters {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ColumnHeaders Property*

Gets or sets a value indicating the visibility of column headers.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Display")>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute()>
<C1DescriptionAttribute("Enables/disabled column headings")>
Public Property ColumnHeaders As System.Boolean
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Display")]
[System.ComponentModel.DefaultValueAttribute()]
[LayoutAttribute()]
[C1DescriptionAttribute("Enables/disabled column headings")]
public System.bool ColumnHeaders {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *Columns Property*

Gets the collection of C1 DataColumn objects.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Data")>
<C1DescriptionAttribute("Contains a collection of C1 DataColumn objects")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
Public ReadOnly Property Columns As C1 DataColumnCollection
```

C#

```
[C1CategoryAttribute("Data")]
[C1DescriptionAttribute("Contains a collection of C1 DataColumn objects")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public C1 DataColumnCollection Columns {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *CurrentCellVisible Property*

Gets or sets a value indicating the visibility of the current cell in a split.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets/returns the visibility of the current cell")>
Public Property CurrentCellVisible As System.Boolean
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets/returns the visibility of the current cell")]
public System.bool CurrentCellVisible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *DataChanged Property*

Gets or sets a value indicating the modification status of the current row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
```

```

<C1DescriptionAttribute("Sets/returns modification status of the current row")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
Public Property DataChanged As System.Boolean

C#

```

```

[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns modification status of the current row")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public System.bool DataChanged {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*DataView Property*  
Gets or sets the layout by which the grid will display data.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<LayoutAttribute()>
<System.ComponentModel.BrowsableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Allows different Views of the data")>
<C1CategoryAttribute("Display")>
Public Property DataView As DataViewEnum

```

C#	
----	--

```

[LayoutAttribute()]
[System.ComponentModel.BrowsableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Allows different Views of the data")]
[C1CategoryAttribute("Display")]
public DataViewEnum DataView {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*DefColWidth Property*

Gets or sets the default width for all grid columns.

## Syntax

### Visual Basic (Declaration)

```

<LayoutAttribute()>
<C1CategoryAttribute("Data")>
<C1DescriptionAttribute("Specifies column width for auto-created columns")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property DefColWidth As System.Integer

```

### C#

```

[LayoutAttribute()]
[C1CategoryAttribute("Data")]
[C1DescriptionAttribute("Specifies column width for auto-created columns")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.int DefColWidth {get; set;}

```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*DestinationCol Property*

Gets the column which will be current after cell movement.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Returns the column number of the destination column
during cell transition")>
Public ReadOnly Property DestinationCol As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Returns the column number of the destination column
during cell transition")]
public System.int DestinationCol {get;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *DestinationRow Property*

Gets the row which will be current after cell movement.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Returns the row number of the destination row during
cell transition")>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property DestinationRow As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Returns the row number of the destination row during
cell transition")]
[System.ComponentModel.BrowsableAttribute(false)]
public System.int DestinationRow {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *DestinationSplit Property*

Gets the split index which will be current after cell movement.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns the split index of the destination split during  
cell transition")>  
<System.ComponentModel.BrowsableAttribute(False)>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
Public ReadOnly Property DestinationSplit As System.Integer
```

C#

```
[C1DescriptionAttribute("Returns the split index of the destination split during  
cell transition")]  
[System.ComponentModel.BrowsableAttribute(false)]  
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
public System.int DestinationSplit {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *DirectionAfterEnter Property*

Gets or sets a value that determines the relative position of the next cell when the user presses the Enter key.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
```

```

<C1DescriptionAttribute("New cell location when the enter key is pressed")>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Property DirectionAfterEnter As DirectionAfterEnterEnum

C#

```

```

[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("New cell location when the enter key is pressed")]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
public DirectionAfterEnterEnum DirectionAfterEnter {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *EditActive Property*

Gets or sets a value indicating the editing status of the current cell.

## Syntax

Visual Basic (Declaration)	
<pre> &lt;System.ComponentModel.BrowsableAttribute(False)&gt; &lt;C1DescriptionAttribute("Sets/returns whether the grid's editor is active in the current cell")&gt; &lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; Public Property EditActive As System.Boolean </pre>	
C#	

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns whether the grid's editor is active in the
current cell")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.bool EditActive {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *EditDropDown Property*

Gets or sets a value indicating whether editing will take place in a popup window or within cell boundaries.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns whether a pop-up text window is used for
editing large fields")>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Property EditDropDown As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Sets/returns whether a pop-up text window is used for
editing large fields")]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
```

```
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool EditDropDown {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Editor Property*

Gets a reference to the cell editor that is currently active.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Gets a reference to the cell editor that is currently
active.")>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property Editor As System.Windows.Forms.Control
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Gets a reference to the cell editor that is currently
active.")]
[System.ComponentModel.BrowsableAttribute(false)]
public System.Windows.Forms.Control Editor {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*EditorStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the cell editor within a grid.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Controls the editor style for the grid")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property EditorStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Controls the editor style for the grid")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public Style EditorStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *EmptyRows Property*

Gets or sets a value that determines how the grid displays rows below the last data row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Enables/disables empty rows in an underpopulated
grid")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property EmptyRows As System.Boolean
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Enables/disables empty rows in an underpopulated
grid")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool EmptyRows {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ErrorImage Property*

Gets or sets the image used for ErrorProvider.

## Syntax

#### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("The image used for ErrorProvider")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<C1CategoryAttribute("Display")>
Public Property ErrorImage As System.Drawing.Image
```

#### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("The image used for ErrorProvider")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[C1CategoryAttribute("Display")]
public System.Drawing.Image ErrorImage {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *EvenRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an even-numbered row when using [AlternatingRows](#).

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1CategoryAttribute("Styles")>  
<C1DescriptionAttribute("Controls the row style for even numbered rows")>  
Public Property EvenRowStyle As Style
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1CategoryAttribute("Styles")]  
[C1DescriptionAttribute("Controls the row style for even numbered rows")]  
public Style EvenRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ExpandColor Property*

Gets or sets the color of the expand icon in hierarchical grids.

## Syntax

### Visual Basic (Declaration)

```

<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Sets/returns the color of the expand icon")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute()>
Public Property ExpandColor As System.Drawing.Color

```

C#

```

[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Sets/returns the color of the expand icon")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[LayoutAttribute()]
public System.Drawing.Color ExpandColor {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ExposeCellMode Property*

Gets or sets how the rightmost column reacts when clicked by the user.

## Syntax

Visual Basic (Declaration)

```

<C1CategoryAttribute("Behavior")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Controls scrolling behavior when rightmost visible cell
is clicked")>
<System.ComponentModel.DefaultValueAttribute()>

```

<code>Public Property ExposeCellMode As ExposeCellModeEnum</code>	
<code>C#</code>	
<code>[C1CategoryAttribute("Behavior")]</code> <code>[LayoutAttribute()]</code> <code>[System.ComponentModel.LocalizableAttribute(true)]</code> <code>[C1DescriptionAttribute("Controls scrolling behavior when rightmost visible cell is clicked")]</code> <code>[System.ComponentModel.DefaultValueAttribute()]</code> <code>public ExposeCellModeEnum ExposeCellMode {get; set;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ExtendRightColumn Property*

Gets or sets a value that determines how the last column will extend to fill the dead area of the grid.

## Syntax

<code>Visual Basic (Declaration)</code>	
<code>&lt;System.ComponentModel.LocalizableAttribute(True)&gt;</code> <code>&lt;System.ComponentModel.DefaultValueAttribute()&gt;</code> <code>&lt;C1DescriptionAttribute("Returns the value of ExtendRightColumn for current split, or sets it for all splits")&gt;</code> <code>&lt;C1CategoryAttribute("Display")&gt;</code> <code>&lt;LayoutAttribute()&gt;</code> <code>Public Property ExtendRightColumn As System.Boolean</code>	
<code>C#</code>	

```

[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Returns the value of ExtendRightColumn for current
split, or sets it for all splits")]
[C1CategoryAttribute("Display")]
[LayoutAttribute()]
public System.bool ExtendRightColumn {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *FetchRowStyles Property*

Gets or sets a value indicating whether the [FetchRowStyle](#) event will be raised.

## Syntax

### Visual Basic (Declaration)

```

<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Controls whether the FetchRowStyle event will be
fired")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property FetchRowStyles As System.Boolean

```

### C#

```

[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Controls whether the FetchRowStyle event will be
fired")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]

```

```
public System.bool FetchRowStyles {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FilterActive Property*

Gets or sets a value indicating whether the filter bar has focus.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Sets/returns whether editing in the filter bar")>
Public Property FilterActive As System.Boolean
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns whether editing in the filter bar")]
public System.bool FilterActive {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FilterBar Property*

Gets or sets a value indicating the visibility of the FilterBar.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Allow/Disallow filter bar for current split")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property FilterBar As System.Boolean
```

C#

```
[C1DescriptionAttribute("Allow/Disallow filter bar for current split")]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool FilterBar {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FilterBarStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [FilterBar](#).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the style of the columns in the filter bar")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1CategoryAttribute("Styles")>
Public Property FilterBarStyle As Style
```

C#

```
[C1DescriptionAttribute("Controls the style of the columns in the filter bar")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1CategoryAttribute("Styles")]
public Style FilterBarStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *FilterWatermarkStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [C1DataColumn.FilterWatermark](#).

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Controls the style of the columns in the filter bar
when the FilterWatermark is rendered.")>
Public Property FilterWatermarkStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Controls the style of the columns in the filter bar
when the FilterWatermark is rendered.")]
public Style FilterWatermarkStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FirstRow Property*

Gets or sets the row index for the first visible row in a grid or split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns row number of the first visible row")>
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
Public Property FirstRow As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets/returns row number of the first visible row")]
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public System.int FirstRow {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FocusedSplit Property*

Gets the Split that has focus.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.BrowsableAttribute( <b>False</b> )> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)> <b>Public ReadOnly Property</b> FocusedSplit <b>As</b> Split	
C#	
[System.ComponentModel.BrowsableAttribute( <b>false</b> )] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] <b>public</b> Split FocusedSplit <b>{get;}</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FooterStyle Property*

Gets or sets the [Style](#) object that controls the appearance of column footers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the footer style for all columns in the  
grid")>  
<C1CategoryAttribute("Styles")>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
Public Property FooterStyle As Style
```

C#

```
[C1DescriptionAttribute("Controls the footer style for all columns in the  
grid")]  
[C1CategoryAttribute("Styles")]  
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
public Style FooterStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*GroupByAreaVisible Property*

Gets or sets a value indicating the visibility of the Grouping area of the grid when the [DataView](#) property is set to [GroupBy](#).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the visibility of the Grouping area")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Appearance")>
Public Property GroupByAreaVisible As System.Boolean
```

C#

```
[C1DescriptionAttribute("Controls the visibility of the Grouping area")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Appearance")]
public System.bool GroupByAreaVisible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*GroupByCaption* Property

Gets or sets the text displayed in the grouping area when no columns have been grouped.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Sets/returns the text displayed in the group by box
```

```

when no groupings are defined")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property GroupByCaption As System.String

C#

```

```

[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Sets/returns the text displayed in the group by box
when no groupings are defined")]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.string GroupByCaption {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*GroupByRectangle Property*  
Gets the rectangle occupied by the grouping area.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Returns the Rectangle occupied by the Grouping area.")>	
Public ReadOnly Property GroupByRectangle As System.Drawing.Rectangle	
C#	
[C1DescriptionAttribute("Returns the Rectangle occupied by the Grouping area.")]	
public System.Drawing.Rectangle GroupByRectangle {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *GroupedColumns Property*

Gets the collection of columns that are grouped.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Contains a collection of C1 DataColumn objects that  
represent the columns being grouped")>  
<C1CategoryAttribute("Data")>  
Public ReadOnly Property GroupedColumns As GroupedColumnCollection
```

C#

```
[C1DescriptionAttribute("Contains a collection of C1 DataColumn objects that  
represent the columns being grouped")]  
[C1CategoryAttribute("Data")]  
public GroupedColumnCollection GroupedColumns {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *GroupStyle Property*

Gets or sets the [Style](#) object that controls the appearance of grouping area.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Controls the style for the grouping area of the grid")>
Public Property GroupStyle As Style
```

### C#

```
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Controls the style for the grouping area of the grid")]
public Style GroupStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *HeadingStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the grids column headers.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the heading style for the grid")>
```

```

<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property HeadingStyle As Style

C#

```

```

[C1DescriptionAttribute("Controls the heading style for the grid")]
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public Style HeadingStyle {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *HighLightRowStyle Property*

Gets or sets the [Style](#) object that controls the current row/cell when the [MarqueeStyle](#) is set to Highlight Row/Cell.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<C1DescriptionAttribute("Controls appearance of current row/cell in the grid
when MarqueeStyle set to Highlight Row/Cell")>
<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property HighLightRowStyle As Style

```

C#	
----	--

```

[C1DescriptionAttribute("Controls appearance of current row/cell in the grid
when MarqueeStyle set to Highlight Row/Cell")]
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public Style HighLightRowStyle {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *HScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.HBar](#) object that controls the appearance of the horizontal scrollbar.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Horizontal Scroll Bar")>
<System.ComponentModel.BrowsableAttribute(True)>
<C1CategoryAttribute("ScrollBars")>
Public ReadOnly Property HScrollBar As HBar

```

### C#

```

[C1DescriptionAttribute("Horizontal Scroll Bar")]
[System.ComponentModel.BrowsableAttribute(true)]
[C1CategoryAttribute("ScrollBars")]
public HBar HScrollBar {get;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *InactiveStyle Property*

Gets or sets the [Style](#) object that controls the grids caption when it doesn't have focus.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Controls the inactive heading style for the grid")>  
<C1CategoryAttribute("Styles")>  
Public Property InactiveStyle As Style
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Controls the inactive heading style for the grid")]  
[C1CategoryAttribute("Styles")]  
public Style InactiveStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *Item Property*

Gets the row object associated with the given row.

## Overload List

Overload	Description
<a href="#">Item(Int32)</a>	Gets the row object associated with the given row.
<a href="#">Item(Int32,Int32)</a>	Gets or sets the cell value at the given row and column.
<a href="#">Item(Int32,String)</a>	Gets or sets the cell value at the given row and column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Item\(Int32\) Property](#)

Gets the row object associated with the given row.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.BrowsableAttribute(False)&gt; &lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; &lt;C1DescriptionAttribute("Retrieves the row object associated with the given row.")&gt; Public Overloads ReadOnly Property Item( _     ByVal row As System.Integer _ ) As System.Object</pre>	

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Retrieves the row object associated with the given
row.")]
public System.object Item(
    System.int row
) {get;}
```

## Parameters

*row*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

[Item\(Int32,Int32\) Property](#)

Gets or sets the cell value at the given row and column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Set or retrieve the cell value at the given row and
column.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
Public Overloads Property Item( _
```

```

    ByVal row As System.Integer,
    ByVal col As System.Integer
) As System.Object

```

C#

```

[C1DescriptionAttribute("Set or retrieve the cell value at the given row and
column.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
public System.Object Item(
    System.int row,
    System.int col
) {get; set;}

```

## Parameters

*row*

*col*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[Overload List](#)

[Item\(Int32,String\) Property](#)

Gets or sets the cell value at the given row and column.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Set or retrieve the cell value at the given row and
column.")>
Public Overloads Property Item( _
    ByVal row As System.Integer, _
    ByVal columnName As System.String _
) As System.Object
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Set or retrieve the cell value at the given row and
column.")]
public System.object Item(
    System.int row,
    System.string columnName
) {get; set;}
```

## Parameters

*row*

*columnName*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)  
[Overload List](#)

### *Language Property*

Gets or sets the language to use when localizing the column filters.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets the language to use when localizing the
column filters.")>
Public Property Language As Language
```

### C#

```
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets the language to use when localizing the
column filters.")]
public Language Language {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *LeftCol Property*

Gets or sets the zero-based index of the leftmost column in a grid or split.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
```

```

<C1DescriptionAttribute("Sets/returns index of leftmost visible column")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property LeftCol As System.Integer

C#

```

```

[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns index of leftmost visible column")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int LeftCol {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *LinesPerPage Property*

Gets or sets the number of subrows of the grid when the [DataView](#) property is set to [MultipleLinesFixed](#).

## Syntax

### Visual Basic (Declaration)

```

<System.ComponentModel.BrowsableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Number of lines per row in MultipleLinesFixed
dataview")>
<C1CategoryAttribute("Appearance")>
Public Property LinesPerPage As System.Integer

```

C#

```
[System.ComponentModel.BrowsableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Number of lines per row in MultipleLinesFixed
dataview")]
[C1CategoryAttribute("Appearance")]
public System.int LinesPerPage {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MaintainRowCurrency Property*

Gets or sets a value indicating the behavior of the grid and row currency when the grid's datasource is sorted.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls how the grid maintains row currency when the
datasource is sorted.")>
<LayoutAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property MaintainRowCurrency As System.Boolean
```

C#

```
[C1DescriptionAttribute("Controls how the grid maintains row currency when the
```

```

datasource is sorted."]
[LayoutAttribute()]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool MaintainRowCurrency {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*MarqueeStyle Property*

Gets or sets the MarqueeStyle for a grid.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Returns type of marquee used to show current row/cell,
or sets it for all splits")>
<C1CategoryAttribute("Display")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property MarqueeStyle As MarqueeEnum

```

### C#

```

[C1DescriptionAttribute("Returns type of marquee used to show current row/cell,
or sets it for all splits")]
[C1CategoryAttribute("Display")]
[System.ComponentModel.DefaultValueAttribute()]
public MarqueeEnum MarqueeStyle {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *MatchEntryTimeOut Property*

Gets or sets the time (milliseconds) in which the incremental search string will reset for a dropdown when the [C1DisplayColumn.DropDownList](#) property is True.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Gets/Sets a value indicating the timeout, in
milliseconds, for incremental searching in a DropDownList.")>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute()>
Public Property MatchEntryTimeOut As System.Integer
```

### C#

```
[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Gets/Sets a value indicating the timeout, in
milliseconds, for incremental searching in a DropDownList.")]
[System.ComponentModel.DefaultValueAttribute()]
[LayoutAttribute()]
public System.int MatchEntryTimeOut {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *MultiSelect Property*

Gets or sets the selection state of the grid.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Sets/returns the type of selection allowed in the
grid")>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute()>
Public Property MultiSelect As MultiSelectEnum
```

C#

```
[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Sets/returns the type of selection allowed in the
grid")]
[System.ComponentModel.DefaultValueAttribute()]
[LayoutAttribute()]
public MultiSelectEnum MultiSelect {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OddRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an odd-numbered row when using [AlternatingRows](#).

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Controls the row style for odd numbered rows")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <C1CategoryAttribute("Styles")> Public Property OddRowStyle As Style	
C#	
[C1DescriptionAttribute("Controls the row style for odd numbered rows")] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)] [C1CategoryAttribute("Styles")] public Style OddRowStyle {get; set;}	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*PictureAddnewRow Property*

Gets or sets the Image used in the record selector to indicate the AddNew row.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute("Sets/returns picture displayed for the AddNew row in the record selector column")> <System.ComponentModel.LocalizableAttribute(True)>	

```

<LayoutAttribute()>
<C1CategoryAttribute("Display")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
Public Property PictureAddnewRow As System.Drawing.Image

```

C#	
[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Sets/returns picture displayed for the AddNew row in the record selector column")] [System.ComponentModel.LocalizableAttribute(true)] [LayoutAttribute()] [C1CategoryAttribute("Display")] [System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design .UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")] public System.Drawing.Image PictureAddnewRow {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *PictureCurrentRow Property*

Gets or sets the Image used in the record selector to indicate the Current row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>  
<System.ComponentModel.LocalizableAttribute(True)>  
<System.ComponentModel.DefaultValueAttribute()>  
<C1CategoryAttribute("Display")>  
<C1DescriptionAttribute("Sets/returns picture displayed for the current row in  
the record selector column")>  
<LayoutAttribute()>  
Public Property Picture.CurrentRow As System.Drawing.Image
```

### C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]  
[System.ComponentModel.LocalizableAttribute(true)]  
[System.ComponentModel.DefaultValueAttribute()]  
[C1CategoryAttribute("Display")]  
[C1DescriptionAttribute("Sets/returns picture displayed for the current row in  
the record selector column")]  
[LayoutAttribute()]  
public System.Drawing.Image Picture.CurrentRow {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *PictureFilterBar Property*

Gets or sets the Image used in the record selector to indicate the FilterBar row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Sets/returns picture displayed for the FilterBar row in
the record selector column")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
Public Property PictureFilterBar As System.Drawing.Image
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Sets/returns picture displayed for the FilterBar row in
the record selector column")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
public System.Drawing.Image PictureFilterBar {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *PictureFooterRow Property*

Gets or sets the Image used in the record selector to indicate the Footer row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets/returns picture displayed for the footer row in
the record selector column")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Display")>
<LayoutAttribute()>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
Public Property PictureFooterRow As System.Drawing.Image
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets/returns picture displayed for the footer row in
the record selector column")]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Display")]
[LayoutAttribute()]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
public System.Drawing.Image PictureFooterRow {get; set;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *PictureHeaderRow Property*

Gets or sets the Image used in the record selector to indicate the Header row.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns picture displayed for the header row in  
the record selector column")>  
<LayoutAttribute()>  
<System.ComponentModel.LocalizableAttribute(True)>  
<C1CategoryAttribute("Display")>  
<System.ComponentModel.DefaultValueAttribute()>  
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>  
Public Property PictureHeaderRow As System.Drawing.Image
```

### C#

```
[C1DescriptionAttribute("Sets/returns picture displayed for the header row in  
the record selector column")]  
[LayoutAttribute()]  
[System.ComponentModel.LocalizableAttribute(true)]  
[C1CategoryAttribute("Display")]  
[System.ComponentModel.DefaultValueAttribute()]
```

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
public System.Drawing.Image PictureHeaderRow {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*PictureModifiedRow Property*

Gets or sets the Image used in the record selector to indicate the Modified row.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns picture displayed for a modified row in
the record selector column")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<C1CategoryAttribute("Display")>
Public Property PictureModifiedRow As System.Drawing.Image
```

### C#

```

[C1DescriptionAttribute("Sets/returns picture displayed for a modified row in
the record selector column")]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[C1CategoryAttribute("Display")]
public System.Drawing.Image PictureModifiedRow {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *PictureStandardRow Property*

Gets or sets the Image used in the record selector to indicate the Standard row.

## Syntax

### Visual Basic (Declaration)

```

<LayoutAttribute()>
<C1DescriptionAttribute("Sets/returns picture displayed for a standard row in
the record selector column")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>

```

```

<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Display")>
Public Property PictureStandardRow As System.Drawing.Image

C#

```

---

```

[LayoutAttribute()]
[C1DescriptionAttribute("Sets/returns picture displayed for a standard row in
the record selector column")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Display")]
public System.Drawing.Image PictureStandardRow {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*PreviewInfo Property*

Gets the [PrintPreviewWinSettings](#) object.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<System.ComponentModel.LocalizableAttribute(True)> <C1DescriptionAttribute("Sets/returns information related to print preview	
---	--

```

window of the grid">
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)>
<C1CategoryAttribute("Printing")>
Public ReadOnly Property PreviewInfo As PrintPreviewWinSettings

```

C#

```

[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets/returns information related to print preview
window of the grid")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)]
[C1CategoryAttribute("Printing")]
public PrintPreviewWinSettings PreviewInfo {get;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*PrintInfo Property*  
Gets the [PrintInfo](#) object.

## Syntax

### Visual Basic (Declaration)

```

<C1CategoryAttribute("Printing")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets/returns information related to printing the

```

<pre><code>grid")&gt; Public ReadOnly Property PrintInfo As PrintInfo</code></pre>	C#
<pre><code>[C1CategoryAttribute("Printing")] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)] [LayoutAttribute()] [System.ComponentModel.LocalizableAttribute(true)] [C1DescriptionAttribute("Sets/returns information related to printing the grid")] public PrintInfo PrintInfo {get;}</code></pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *RecordSelectors Property*

Gets or sets a value indicating the visibility of row headers for a grid or split.

## Syntax

Visual Basic (Declaration)	
<pre><code>&lt;C1DescriptionAttribute("Shows/hides record selection panel at left of grid")&gt; &lt;System.ComponentModel.LocalizableAttribute(True)&gt; &lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;C1CategoryAttribute("Display")&gt; Public Property RecordSelectors As System.Boolean</code></pre>	

C#

```
[C1DescriptionAttribute("Shows/hides record selection panel at left of grid")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Display")]
public System.bool RecordSelectors {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RecordSelectorStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [RecordSelectors](#).

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Controls the record selector style for the grid")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1CategoryAttribute("Styles")>
Public Property RecordSelectorStyle As Style
```

C#	
----	--

```
[C1DescriptionAttribute("Controls the record selector style for the grid")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1CategoryAttribute("Styles")]
public Style RecordSelectorStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RecordSelectorWidth Property*

Gets or sets the width of the row headers.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Display")>
<LayoutAttribute()>
<C1DescriptionAttribute("Sets/returns the record selector width")>
Public Property RecordSelectorWidth As System.Integer
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Display")]
[LayoutAttribute()]
[C1DescriptionAttribute("Sets/returns the record selector width")]
public System.int RecordSelectorWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *Row Property*

Gets or sets the the current row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets/returns position of current row")>
<System.ComponentModel.BrowsableAttribute(False)>
Public Property Row As System.Integer
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets/returns position of current row")]
[System.ComponentModel.BrowsableAttribute(false)]
public System.int Row {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *RowDivider Property*

Gets or sets the style of the border drawn between grid rows.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
```

```

ationVisibility.Content)>
<C1CategoryAttribute("Appearance")>
<LayoutAttribute()>
<C1DescriptionAttribute("Style and color of row dividers")>
<System.ComponentModel.BrowsableAttribute(True)>
Public ReadOnly Property RowDivider As GridLines

```

C#	
----	--

```

[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)]
[C1CategoryAttribute("Appearance")]
[LayoutAttribute()]
[C1DescriptionAttribute("Style and color of row dividers")]
[System.ComponentModel.BrowsableAttribute(true)]
public GridLines RowDivider {get;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *RowSubDividerColor Property*

Gets or sets the color of the subrow divider in a multi-line grid.

## Syntax

### Visual Basic (Declaration)

```

<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Color of the subrow divider in a multi-line grid")>
<LayoutAttribute()>
<System.ComponentModel.BrowsableAttribute(True)>
<C1CategoryAttribute("Appearance")>

```

```
Public Property RowSubDividerColor As System.Drawing.Color
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Color of the subrow divider in a multi-line grid")]
[LayoutAttribute()]
[System.ComponentModel.BrowsableAttribute(true)]
[C1CategoryAttribute("Appearance")]
public System.Drawing.Color RowSubDividerColor {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ScrollTips Property*

Gets or sets a value that determines whether the grid displays a pop-up text window when the scrollbar thumb is dragged.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disables scroll tips")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Display")>
Public Property ScrollTips As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables/disables scroll tips")]
```

```
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Display")]
public System.bool ScrollTips {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

*SelectedCols Property*

Gets the collection of columns that are currently selected.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Contains a collection of selected C1DataColumns")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public ReadOnly Property SelectedCols As SelectedColumnCollection
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Contains a collection of selected C1DataColumns")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public SelectedColumnCollection SelectedCols {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SelectedRows Property*

Gets the collection of rows that are currently selected.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Contains a collection of selected rows")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public ReadOnly Property SelectedRows As SelectedRowCollection
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Contains a collection of selected rows")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public SelectedRowCollection SelectedRows {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *SelectedStyle Property*

Gets or sets the [Style](#) object that controls the appearance of selected rows and columns.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the selected row style for the grid")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1CategoryAttribute("Styles")>
Public Property SelectedStyle As Style
```

### C#

```
[C1DescriptionAttribute("Controls the selected row style for the grid")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1CategoryAttribute("Styles")]
public Style SelectedStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *SelectedText Property*

Gets or sets the string containing the currently selected text within the grid's editing window.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets/returns selected text")>
```

```

<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property SelectedText As System.String

C#

```

```

[C1DescriptionAttribute("Sets/returns selected text")]
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.string SelectedText {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *SelectionLength Property*

Gets or sets the number of characters selected within the grid's editing window.

## Syntax

Visual Basic (Declaration)	
<pre> &lt;System.ComponentModel.BrowsableAttribute(False)&gt; &lt;C1DescriptionAttribute("Sets/returns length of selected text")&gt; &lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; Public Property SelectionLength As System.Integer </pre>	
C#	
[System.ComponentModel.BrowsableAttribute(false)]	

```
[C1DescriptionAttribute("Sets/returns length of selected text")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public System.int SelectionLength {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *SelectionStart Property*

Gets or sets the starting point of the text selection within the grid's editing window.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Sets/returns start of selected text")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
Public Property SelectionStart As System.Integer
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Sets/returns start of selected text")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public System.int SelectionStart {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SelRange Property*

Gets a value indicating whether a range of cells has been selected.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Returns true if a range of cells is selected")>
Public ReadOnly Property SelRange As System.Boolean
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Returns true if a range of cells is selected")]
public System.bool SelRange {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *SplitIndex Property*

Gets or sets the index of the current [Split](#) within the [SplitCollection](#).

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets/returns index of the current split in the grid")>
<C1CategoryAttribute("Display")>
Public Property SplitIndex As System.Integer
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets/returns index of the current split in the grid")]
[C1CategoryAttribute("Display")]
public System.int SplitIndex {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *Splits Property*

Gets the collection of [Split](#) objects.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Contains a collection of grid split objects")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public ReadOnly Property Splits As SplitCollection
```

C#

```
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Contains a collection of grid split objects")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public SplitCollection Splits {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *SpringMode Property*

Gets or sets a value that determines how columns will resize when the grid is resized.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Returns true if columns in the current split size with
the split or sets it for all splits")>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property SpringMode As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Returns true if columns in the current split size with
the split or sets it for all splits")]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool SpringMode {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Style Property*

Gets or sets the root [Style](#) object.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Controls the normal style for the grid")>
Public Property Style As Style
```

### C#

```
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Controls the normal style for the grid")]
public Style Style {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *Styles Property*

Gets the collection of named [Style](#) objects.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Contains a collection of grid style objects")>
Public ReadOnly Property Styles As GridStyleCollection
```

C#

```
[C1CategoryAttribute("Styles")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Contains a collection of grid style objects")]
public GridStyleCollection Styles {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *TabAcrossSplits Property*

Gets or sets a value indicating the behavior of the tab and arrow keys at split borders.

## Syntax

### Visual Basic (Declaration)

```
<LayoutAttribute()>
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Allows/disallows user to cross split boundaries using
the tab and arrow keys")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property TabAcrossSplits As System.Boolean
```

### C#

```
[LayoutAttribute()]
[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Allows/disallows user to cross split boundaries using
the tab and arrow keys")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool TabAcrossSplits {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *TabAction Property*

Gets or sets the behavior of the tab key.

## Syntax

Visual Basic (Declaration)

```
<LayoutAttribute()>
<C1DescriptionAttribute("Defines behavior of the tab key in grid")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
Public Property TabAction As TabActionEnum
```

C#

```
[LayoutAttribute()]
[C1DescriptionAttribute("Defines behavior of the tab key in grid")]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Behavior")]
public TabActionEnum TabAction {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ViewCaptionWidth Property*

Gets or sets the width of the column caption when the [DataView](#) is set to Inverted or Form.

## Syntax

Visual Basic (Declaration)

```
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Width of the Column caption in Form or Inverted
DataView")>
```

<code>Public Property ViewCaptionWidth As System.Integer</code>	
<code>C#</code>	
<code>[LayoutAttribute()]</code> <code>[System.ComponentModel.DefaultValueAttribute()]</code> <code>[System.ComponentModel.LocalizableAttribute(true)]</code> <code>[C1CategoryAttribute("Appearance")]</code> <code>[C1DescriptionAttribute("Width of the Column caption in Form or Inverted DataView")]</code> <code>public System.int ViewCaptionWidth {get; set;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ViewColumnWidth Property*

Gets or sets the width of a column when the [DataView](#) is set to Inverted or Form.

## Syntax

<code>Visual Basic (Declaration)</code>	
<code>&lt;C1DescriptionAttribute("Width of the Column in Form or Inverted DataView")&gt;</code> <code>&lt;LayoutAttribute()&gt;</code> <code>&lt;System.ComponentModel.LocalizableAttribute(True)&gt;</code> <code>&lt;C1CategoryAttribute("Appearance")&gt;</code> <code>&lt;System.ComponentModel.DefaultValueAttribute()&gt;</code> <code>Public Property ViewColumnWidth As System.Integer</code>	
<code>C#</code>	
<code>[C1DescriptionAttribute("Width of the Column in Form or Inverted DataView")]</code>	

```
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.DefaultValueAttribute()]
public System.int ViewColumnWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*VisibleCols Property*

Gets the number of visible columns in the current Split.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Returns number of visible columns in the current split")>	
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>	
<System.ComponentModel.BrowsableAttribute(False)>	
Public ReadOnly Property VisibleCols As System.Integer	

C#	
[C1DescriptionAttribute("Returns number of visible columns in the current split")]	
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]	
[System.ComponentModel.BrowsableAttribute(false)]	
public System.int VisibleCols {get;}	


## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*VisibleRows Property*

Gets the number of visible rows in the current Split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Returns number of visible displayed rows")>
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public ReadOnly Property VisibleRows As System.Integer
```

C#

```
[C1DescriptionAttribute("Returns number of visible displayed rows")]
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int VisibleRows {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *VScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.VBar](#) object that controls the appearance of the vertical scrollbar.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Vertical Scroll Bar")>
<C1CategoryAttribute("ScrollBars")>
Public ReadOnly Property VScrollBar As VBar
```

### C#

```
[C1DescriptionAttribute("Vertical Scroll Bar")]
[C1CategoryAttribute("ScrollBars")]
public VBar VScrollBar {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *WrapCellPointer Property*

Gets or sets a value indicating the behavior of Tab and arrow keys at row boundaries.

## Syntax

### Visual Basic (Declaration)

```
<LayoutAttribute()>
<C1DescriptionAttribute("Defines behavior of tab and arrow keys at row
boundaries")>
<System.ComponentModel.LocalizableAttribute(True)>
```

```

<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property WrapCellPointer As System.Boolean

C#
```

```

[LayoutAttribute()]
[C1DescriptionAttribute("Defines behavior of tab and arrow keys at row
boundaries")]
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool WrapCellPointer {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### Events

For a list of all members of this type, see [C1TrueDBGrid members](#).

## Public Events

	Name	Description
	<a href="#">AfterColEdit</a>	Occurs after editing is completed.
	<a href="#">AfterColUpdate</a>	Occurs after a cell has been updated.
	<a href="#">AfterDelete</a>	Occurs after a row has been deleted.
	<a href="#">AfterFilter</a>	Occurs after the datasource has been filtered.

 <a href="#">AfterInsert</a>	Occurs after a row has been added.
 <a href="#">AfterSort</a>	Occurs after a column has been sorted.
 <a href="#">AfterUpdate</a>	Occurs after a row has been updated.
 <a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BeforeClose</a>	Occurs when the user attempts to close a child grid.
 <a href="#">BeforeColEdit</a>	Occurs before a cell enters edit mode.
 <a href="#">BeforeColUpdate</a>	Occurs before a cell is updated to the datasource.
 <a href="#">BeforeDelete</a>	Occurs before a row is deleted.
 <a href="#">BeforeInsert</a>	Occurs before a new row is added to the datasource.
 <a href="#">BeforeOpen</a>	Occurs when the user attempts to open a child grid.
 <a href="#">BeforeRowColChange</a>	Occurs prior to focus moving to another cell.
 <a href="#">BeforeUpdate</a>	Occurs before a row is updated to the datasource.
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ButtonClick</a>	Occurs whenever a button is clicked in a cell.
 <a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Change</a>	Occurs whenever the user changes the value of a cell.

 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ColEdit</a>	Occurs whenever a cell first enters edit mode.
 <a href="#">Collapse</a>	Occurs whenever a hierarchical row is collapsed.
 <a href="#">ColMove</a>	Occurs whenever the user has finished moving a column.
 <a href="#">ColResize</a>	Occurs whenever a column is resized.
 <a href="#">ComboSelect</a>	Occurs whenever a selection has been made to the built-in combo or TrueDBDropdown.
 <a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataSourceChanged</a>	Occurs whenever the datasource changes.
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)

 DragDrop	(Inherited from System.Windows.Forms.Control)
 DragEnter	(Inherited from System.Windows.Forms.Control)
 DragLeave	(Inherited from System.Windows.Forms.Control)
 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)
 Enter	(Inherited from System.Windows.Forms.Control)
 Error	Occurs whenever an exception is thrown during end user interaction.
 Expand	Occurs whenever a hierarchical row is expanded.
 FetchCellStyle	Occurs whenever a cell is to be rendered and the <a href="#">C1DisplayColumn.FetchStyle</a> is true.
 FetchCellTips	Occurs when the grid needs to display CellTips.
 FetchGroupCellStyle	Occurs whenever a grouped cell that contains an aggregate is to be rendered and <a href="#">C1DisplayColumn.FetchStyle</a> is true.
 FetchRowStyle	Occurs whenever the grid renders a row and the <a href="#">FetchRowStyles</a> property has been set.
 FetchScrollTips	Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.
 Filter	Occurs when the user types in the filterbar and the <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame.AllowFilter</a> property is false.

 FilterButtonClick	Occurs when a button is clicked in the filterbar.
 FilterChange	Occurs when the contents of a cell in the filterbar changes.
 FirstRowChange	Occurs whenever the first row changes.
 FontChanged	(Inherited from System.Windows.Forms.Control)
 FootClick	Occurs whenever a column footer is clicked.
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 FormatText	Occurs whenever a cell is about to be rendered and whose <a href="#">C1 DataColumn.NumberFormat</a> property has been set to FormatTextEvent.
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 GroupAggregate	Occurs when the <a href="#">C1 DataColumn.Aggregate</a> is set to Custom for a grouped row.
 GroupColMove	Occurs whenever a column is moved into or out of the grouping area.
 GroupHeadClick	Occurs whenever a column in the grouping area is clicked.
 GroupInterval	Occurs whenever a row is being grouped and a custom interval has been specified.
 GroupText	Occurs when the <a href="#">GroupInfo.HeaderText</a> property is set to custom.
 HandleCreated	(Inherited from System.Windows.Forms.Control)

 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HeadClick	Occurs whenever a column header is clicked.
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)
 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)
 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 LeftColChange	Occurs whenever the left column changes.
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MarginChanged	(Inherited from System.Windows.Forms.Control)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)

 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnAddNew</a>	Occurs whenever an AddNew operation has been initiated.
 <a href="#">OnInit</a>	Occurs after the grid has been initialized.
 <a href="#">OwnerDrawCell</a>	Occurs before a cell is rendered and the <a href="#">C1DisplayColumn.OwnerDraw</a> is true.
 <a href="#">OwnerDrawCellPrint</a>	Occurs before a cell is to be printed and the <a href="#">C1DisplayColumn.OwnerDraw</a> is true.
 <a href="#">OwnerDrawPageFooter</a>	Occurs before the page footer is to be printed.
 <a href="#">OwnerDrawPageHeader</a>	Occurs before the page header is to be printed.
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RowColChange</a>	Occurs when the focus moves to a different cell.
 <a href="#">RowResize</a>	Occurs whenever the user resizes a row.
 <a href="#">Scroll</a>	Occurs whenever the user scrolls the grid.
 <a href="#">SelChange</a>	Occurs whenever the user selected a different range of rows or columns.
 <a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Sort</a>	Occurs when the user drags a column into the grouping area.
 <a href="#">SplitAdded</a>	Occurs when a split is added.
 <a href="#">SplitChange</a>	Occurs whenever a Split changes focus.
 <a href="#">SplitRemoved</a>	Occurs when a split is removed.
 <a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">TabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UnboundColumnFetch</a>	Occurs when the grid needs to access the value of an unbound column.
 <a href="#">UnboundColumnUpdated</a>	Occurs when the value of an unbound column has been updated.
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ValueItemError</a>	Occurs whenever a user attempts to enter invalid data into a column that is using valueitems.
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisualStyleChanged</a>	Occurs when visual style property has been changed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.Frame</a> )

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## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*AfterColEdit Event*  
 Occurs after editing is completed.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Data")>	

```
<C1DescriptionAttribute("Occurs after editing is completed.")>
Public Event AfterColEdit As ColEventHandler
```

C#

```
[C1CategoryAttribute("Data")]
[C1DescriptionAttribute("Occurs after editing is completed.")]
public event ColEventHandler AfterColEdit
```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AfterColUpdate Event*

Occurs after a cell has been updated.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>&lt;C1CategoryAttribute("Action")&gt; &lt;C1DescriptionAttribute("Occurs after a cell has been updated.")&gt;</pre>	
--	--

<code>Public Event AfterColUpdate As ColEventHandler</code>	
C#	
<code>[C1CategoryAttribute("Action")]</code> <code>[C1DescriptionAttribute("Occurs after a cell has been updated.")]</code> <code>public event ColEventHandler AfterColUpdate</code>	

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

#### *AfterDelete Event*

Occurs after a row has been deleted.

## Syntax

Visual Basic (Declaration)	
<code>&lt;C1DescriptionAttribute("Occurs after a row has been deleted.")&gt;</code> <code>&lt;C1CategoryAttribute("Action")&gt;</code> <code>Public Event AfterDelete As System.EventHandler</code>	

C#

```
[C1DescriptionAttribute("Occurs after a row has been deleted.")]
[C1CategoryAttribute("Action")]
public event System.EventHandler AfterDelete
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AfterFilter Event*

Occurs after the datasource has been filtered.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs after the datasource has been filtered.")>
<C1CategoryAttribute("Data")>
Public Event AfterFilter As FilterEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs after the datasource has been filtered.")]
[C1CategoryAttribute("Data")]
public event FilterEventHandler AfterFilter
```

## Event Data

The event handler receives an argument of type [FilterEventArgs](#) containing data related to this event. The following **FilterEventArgs** properties provide information specific to this event.

Property	Description
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Condition	The filter or sort condition.
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## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*AfterInsert Event*

Occurs after a row has been added.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Occurs after a row has been added.")>
<C1CategoryAttribute("Action")>
Public Event AfterInsert As System.EventHandler
```

C#	
----	--

```
[C1DescriptionAttribute("Occurs after a row has been added.")]
[C1CategoryAttribute("Action")]
public event System.EventHandler AfterInsert
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *AfterSort Event*

Occurs after a column has been sorted.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs after a column has been sorted.")> <C1CategoryAttribute("Data")> Public Event AfterSort As FilterEventHandler	
C#	
[C1DescriptionAttribute("Occurs after a column has been sorted.")] [C1CategoryAttribute("Data")] public event FilterEventHandler AfterSort	

## Event Data

The event handler receives an argument of type [FilterEventArgs](#) containing data related to this event. The following **FilterEventArgs** properties provide information specific to this event.

Property	Description
Condition	The filter or sort condition.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *AfterUpdate Event*

Occurs after a row has been updated.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs after a row has been updated.")>
<C1CategoryAttribute("Action")>
Public Event AfterUpdate As System.EventHandler
```

### C#

```
[C1DescriptionAttribute("Occurs after a row has been updated.")]
[C1CategoryAttribute("Action")]
public event System.EventHandler AfterUpdate
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *BeforeClose Event*

Occurs when the user attempts to close a child grid.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when the user attempts to close a child grid.")>
Public Event BeforeClose As CancelEventHandler
```

### C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when the user attempts to close a child grid.")]
public event CancelEventHandler BeforeClose
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeColEdit Event*

Occurs before a cell enters edit mode.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs before a cell enters edit mode.")>	
<C1CategoryAttribute("Data")>	
Public Event BeforeColEdit As BeforeColEditEventHandler	
C#	
[C1DescriptionAttribute("Occurs before a cell enters edit mode.")]	
[C1CategoryAttribute("Data")]	
public event BeforeColEditEventHandler BeforeColEdit	

## Event Data

The event handler receives an argument of type [BeforeColEditEventArgs](#) containing data related to this event. The following **BeforeColEditEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that editing should be disallowed.
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn for the column being edited.
<a href="#">KeyChar</a>	Indicates the character that initiated the editing operation.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeColUpdate Event*

Occurs before a cell is updated to the datasource.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs before a cell is updated to the datasource.")> <a href="#">Public Event BeforeColUpdate As BeforeColUpdateEventHandler</a>	
C#	

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs before a cell is updated to the datasource.")]
public event BeforeColUpdateEventHandler BeforeColUpdate
```

## Event Data

The event handler receives an argument of type [BeforeColUpdateEventArgs](#) containing data related to this event. The following **BeforeColUpdateEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value that prevents the user from moving focus to another cell.
<a href="#">ColIndex</a>	Indicates the position in the <a href="#">DisplayColumns</a> collection.
<a href="#">Column</a>	Gets the <a href="#">C1DisplayColumn</a> for the column being edited.
<a href="#">OldValue</a>	Gets or sets the value of the original cell data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeDelete Event*

Occurs before a row is deleted.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<C1CategoryAttribute("Action")>	
---------------------------------	--

```
<C1DescriptionAttribute("Occurs before a row is deleted.")>
Public Event BeforeDelete As CancelEventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs before a row is deleted.")]
public event CancelEventHandler BeforeDelete
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *BeforeInsert Event*

Occurs before a new row is added to the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs before a new row is added to the datasource.")>
Public Event BeforeInsert As CancelEventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs before a new row is added to the datasource.")]
public event CancelEventHandler BeforeInsert
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeOpen Event*

Occurs when the user attempts to open a child grid.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when the user attempts to open a child grid.")>
Public Event BeforeOpen As CancelEventHandler
```

C#

```
[C1CategoryAttribute("Action")]
```

```
[C1DescriptionAttribute("Occurs when the user attempts to open a child grid.")]
public event CancelEventHandler BeforeOpen
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
Cancel	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeRowColChange Event*

Occurs prior to focus moving to another cell.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs prior to focus moving to another cell.")> <C1CategoryAttribute("Focus")> Public Event BeforeRowColChange As CancelEventHandler	
C#	
[C1DescriptionAttribute("Occurs prior to focus moving to another cell.")] [C1CategoryAttribute("Focus")] public event CancelEventHandler BeforeRowColChange	

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*BeforeUpdate Event*

Occurs before a row is updated to the datasource.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs before a row is updated to the datasource.")> Public Event BeforeUpdate As CancelEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs before a row is updated to the datasource.")] public event CancelEventHandler BeforeUpdate	

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ButtonClick Event*

Occurs whenever a button is clicked in a cell.

## Syntax

Visual Basic (Declaration)	
	<pre>&lt;C1CategoryAttribute("Action")&gt; &lt;C1DescriptionAttribute("Occurs whenever a button is clicked in a cell.")&gt; Public Event ButtonClick As ColEventHandler</pre>
C#	
	<pre>[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a button is clicked in a cell.")] public event ColEventHandler ButtonClick</pre>

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description

ColIndex	Indicates the position in the DisplayColumns collection.
Column	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### Change Event

Occurs whenever the user changes the value of a cell.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs whenever the user changes the value of a cell.")> Public Event Change As System.EventHandler	
C#	

[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever the user changes the value of a cell.")] public event System.EventHandler Change	
---	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ColEdit Event*

Occurs whenever a cell first enters edit mode.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs whenever a cell first enters edit mode.")>
<C1CategoryAttribute("Data")>
Public Event ColEdit As ColEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs whenever a cell first enters edit mode.")]
[C1CategoryAttribute("Data")]
public event ColEventHandler ColEdit
```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *Collapse Event*

Occurs whenever a hierarchical row is collapsed.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs whenever a hierarchical row is collapsed.")> Public Event Collapse As BandEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a hierarchical row is collapsed.")] public event BandEventHandler Collapse	

## Event Data

The event handler receives an argument of type [BandEventArgs](#) containing data related to this event. The following **BandEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Band</a>	Indicates the recordset level that holds the current row within a master-detail hierarchy.
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *ColMove Event*

Occurs whenever the user has finished moving a column.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever the user has finished moving a column.")> <C1CategoryAttribute("Action")> Public Event ColMove As ColMoveEventHandler	
C#	
[C1DescriptionAttribute("Occurs whenever the user has finished moving a column.")] [C1CategoryAttribute("Action")] public event ColMoveEventHandler ColMove	

## Event Data

The event handler receives an argument of type [ColMoveEventArgs](#) containing data related to this event. The following **ColMoveEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.
<a href="#">ColIndex</a>	Indicates the starting position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn that is being moved.
<a href="#">Position</a>	Indicates the target index of the column being moved.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *ColResize Event*

Occurs whenever a column is resized.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs whenever a column is resized.")> Public Event ColResize As ColResizeEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a column is resized.")] public event ColResizeEventHandler ColResize	

## Event Data

The event handler receives an argument of type [ColResizeEventArgs](#) containing data related to this event. The following **ColResizeEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that sizing should be ignored.
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn for the column being sized.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ComboSelect Event*

Occurs whenever a selection has been made to the built-in combo or TrueDBDropdown.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs whenever a selection has been made to the built-in combo or TrueDBDropdown.")> Public Event ComboSelect As ColEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a selection has been made to the built-in combo or TrueDBDropdown.")] public event ColEventHandler ComboSelect	

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*DataSourceChanged Event*

Occurs whenever the datasource changes.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs whenever the datasource changes.")>
<C1CategoryAttribute("Property Changed")>
Public Event DataSourceChanged As System.EventHandler
```

C#

```
[C1DescriptionAttribute("Occurs whenever the datasource changes.")]
[C1CategoryAttribute("Property Changed")]
public event System.EventHandler DataSourceChanged
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*Error Event*

Occurs whenever an exception is thrown during end user interaction.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1CategoryAttribute("Action")&gt; &lt;C1DescriptionAttribute("Occurs whenever an exception is thrown during end user interaction.")&gt; Public Event Error As ErrorEventHandler</pre>	
C#	
<pre>[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever an exception is thrown during end user interaction.")] public event ErrorEventHandler Error</pre>	

## Event Data

The event handler receives an argument of type [ErrorEventArgs](#) containing data related to this event. The following [ErrorEventArgs](#) properties provide information specific to this event.

Property	Description
Continue	True to continue as if no exception was raised.
Exception	The exception which caused the Event to be raised.
Handled	True if the exception has been handled.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)  
[C1TrueDBGrid Members](#)

### *Expand Event*

Occurs whenever a hierarchical row is expanded.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs whenever a hierarchical row is expanded.")>
<C1CategoryAttribute("Action")>
Public Event Expand As BandEventHandler
```

### C#

```
[C1DescriptionAttribute("Occurs whenever a hierarchical row is expanded.")]
[C1CategoryAttribute("Action")]
public event BandEventHandler Expand
```

## Event Data

The event handler receives an argument of type [BandEventArgs](#) containing data related to this event. The following **BandEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Band</a>	Indicates the recordset level that holds the current row within a master-detail hierarchy.
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FetchCellStyle Event*

Occurs whenever a cell is to be rendered and the [C1DisplayColumn.FetchStyle](#) is true.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1CategoryAttribute("Display")&gt; &lt;C1DescriptionAttribute("Occurs whenever a cell is to be rendered and the C1DisplayColumn.FetchStyle is true.")&gt; Public Event FetchCellStyle As FetchCellStyleEventHandler</pre>	
C#	
<pre>[C1CategoryAttribute("Display")] [C1DescriptionAttribute("Occurs whenever a cell is to be rendered and the C1DisplayColumn.FetchStyle is true.")] public event FetchCellStyleEventHandler FetchCellStyle</pre>	

## Event Data

The event handler receives an argument of type [FetchCellStyleEventArgs](#) containing data related to this event. The following **FetchCellStyleEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellStyle</a>	The Style used to render the cell.
<a href="#">Col</a>	The index of the column in the DisplayColumns collection.
<a href="#">Column</a>	The C1DisplayColumn being rendered.
<a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered.
<a href="#">Row</a>	The index of the row for the cell being rendered.
<a href="#">Split</a>	Indicates the position in the Splits collection.

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FetchCellTips Event*

Occurs when the grid needs to display CellTips.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Occurs when the grid needs to display CellTips.")>
Public Event FetchCellTips As FetchCellTipsEventHandler
```

C#

```
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Occurs when the grid needs to display CellTips.")]
public event FetchCellTipsEventHandler FetchCellTips
```

## Event Data

The event handler receives an argument of type [FetchCellTipsEventArgs](#) containing data related to this event. The following **FetchCellTipsEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellTip</a>	The text to be displayed in the cell tip.
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.

Column	The C1DisplayColumn that this tip is associated with.
FullyDisplayed	Indicates if the contents of the cell is fully displayed.
Row	The index of the row for the cell tip.
SplitIndex	Indicates the position of the Split in the Splits collection.
TipStyle	The Style used to render the cell tip.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *FetchGroupCellStyle Event*

Occurs whenever a grouped cell that contains an aggregate is to be rendered and [C1DisplayColumn.FetchStyle](#) is true.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1CategoryAttribute("Display")&gt; &lt;C1DescriptionAttribute("Occurs whenever a grouped cell that contains an aggregate is to be rendered and C1DisplayColumn.FetchStyle is true.")&gt; Public Event FetchGroupCellStyle As FetchCellStyleEventHandler</pre>	
C#	
<pre>[C1CategoryAttribute("Display")] [C1DescriptionAttribute("Occurs whenever a grouped cell that contains an aggregate is to be rendered and C1DisplayColumn.FetchStyle is true.")]</pre>	

```
public event FetchCellStyleEventHandler FetchGroupCellStyle
```

## Event Data

The event handler receives an argument of type [FetchCellStyleEventArgs](#) containing data related to this event. The following **FetchCellStyleEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellStyle</a>	The Style used to render the cell.
<a href="#">Col</a>	The index of the column in the <a href="#">DisplayColumns</a> collection.
<a href="#">Column</a>	The <a href="#">C1DisplayColumn</a> being rendered.
<a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered.
<a href="#">Row</a>	The index of the row for the cell being rendered.
<a href="#">Split</a>	Indicates the position in the <a href="#">Splits</a> collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FetchRowStyle Event*

Occurs whenever the grid renders a row and the [FetchRowStyles](#) property has been set.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Display")>
<C1DescriptionAttribute("Occurs whenever the grid renders a row and the
FetchRowStyles property has been set.")>
Public Event FetchRowStyle As FetchRowStyleEventHandler
```

C#	
----	--

```
[C1CategoryAttribute("Display")]
[C1DescriptionAttribute("Occurs whenever the grid renders a row and the
FetchRowStyles property has been set.")]
public event FetchRowStyleEventHandler FetchRowStyle
```

## Event Data

The event handler receives an argument of type [FetchRowStyleEventArgs](#) containing data related to this event. The following **FetchRowStyleEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellStyle</a>	The Style used to render the row.
<a href="#">Row</a>	The index of the row for the cell being rendered.
<a href="#">Split</a>	Indicates the position in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FetchScrollTips Event*

Occurs whenever the grid has focus and the scrollbar thumb is moved using the mouse.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs whenever the grid has focus and the scrollbar
thumb is moved using the mouse.")>
<C1CategoryAttribute("Action")>
Public Event FetchScrollTips As FetchScrollTipsEventHandler
```

### C#

```
[C1DescriptionAttribute("Occurs whenever the grid has focus and the scrollbar
thumb is moved using the mouse.")]
[C1CategoryAttribute("Action")]
public event FetchScrollTipsEventHandler FetchScrollTips
```

## Event Data

The event handler receives an argument of type [FetchScrollTipsEventArgs](#) containing data related to this event. The following **FetchScrollTipsEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	The current C1DisplayColumn.
<a href="#">Row</a>	The index of the topmost row for the scroll tip.
<a href="#">ScrollBar</a>	Indicates the scrollbar that was moved.
<a href="#">ScrollTip</a>	The text to be displayed in the scroll tip.
<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

TipStyle	The Style used to render the scroll tip.
----------	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *Filter Event*

Occurs when the user types in the filterbar and the

[C1.Win.C1TrueDBGrid.BaseGrid.Frame.AllowFilter](#) property is false.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs when the user types in the filterbar and the BaseGrid.Frame.AllowFilter property is false.")> Public Event Filter As FilterEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs when the user types in the filterbar and the BaseGrid.Frame.AllowFilter property is false.")] public event FilterEventHandler Filter	

## Event Data

The event handler receives an argument of type [FilterEventArgs](#) containing data related to this event. The following **FilterEventArgs** properties provide information specific to this event.

Property	Description
----------	-------------

Condition	The filter or sort condition.
-----------	-------------------------------

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FilterButtonClick Event*

Occurs when a button is clicked in the filterbar.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Occurs when a button is clicked in the filterbar.")>
Public Event FilterButtonClick As ColEventHandler
```

C#	
----	--

```
[C1DescriptionAttribute("Occurs when a button is clicked in the filterbar.")]
public event ColEventHandler FilterButtonClick
```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
ColIndex	Indicates the position in the DisplayColumns collection.
Column	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*FilterChange Event*

Occurs when the contents of a cell in the filterbar changes.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when the contents of a cell in the filterbar
changes.")>
Public Event FilterChange As System.EventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when the contents of a cell in the filterbar
changes.")]
public event System.EventHandler FilterChange
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FirstRowChange Event*

Occurs whenever the first row changes.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Data")> <C1DescriptionAttribute("Occurs whenever the first row changes.")> Public Event FirstRowChange As SplitEventHandler	
C#	
[C1CategoryAttribute("Data")] [C1DescriptionAttribute("Occurs whenever the first row changes.")] public event SplitEventHandler FirstRowChange	

## Event Data

The event handler receives an argument of type [SplitEventArgs](#) containing data related to this event. The following **SplitEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *FootClick Event*

Occurs whenever a column footer is clicked.

## Syntax

```
Visual Basic (Declaration)
```

```
<C1CategoryAttribute("Mouse")>
<C1DescriptionAttribute("Occurs whenever a column footer is clicked.")>
Public Event FootClick As ColEventHandler
```

```
C#
```

```
[C1CategoryAttribute("Mouse")]
[C1DescriptionAttribute("Occurs whenever a column footer is clicked.")]
public event ColEventHandler FootClick
```

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the <a href="#">DisplayColumns</a> collection.
<a href="#">Column</a>	Gets the <a href="#">C1DisplayColumn</a> .

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *FormatText Event*

Occurs whenever a cell is about to be rendered and whose [C1DataTable.NumberFormat](#) property has been set to FormatTextEvent.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Display")> <C1DescriptionAttribute("Occurs whenever a cell is about to be rendered and whose C1DataColumn.NumberFormat property has been set to FormatTextEvent.")> Public Event FormatText As FormatTextEventHandler	
C#	
[C1CategoryAttribute("Display")] [C1DescriptionAttribute("Occurs whenever a cell is about to be rendered and whose C1DataColumn.NumberFormat property has been set to FormatTextEvent.")] public event FormatTextEventHandler FormatText	

## Event Data

The event handler receives an argument of type [FormatTextEventArgs](#) containing data related to this event. The following **FormatTextEventArgs** properties provide information specific to this event.

Property	Description
ColIndex	Indicates the position in the Columns collection.
Column	The <a href="#">C1DataColumn</a> object.
Row	The row index for the cell to be formatted.
Value	The value to format.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)[C1TrueDBGrid Members](#)*GroupAggregate Event*

Occurs when the [C1DataColumn.Aggregate](#) is set to Custom for a grouped row.

## Syntax

## Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the C1DataColumn.Aggregate is set to Custom  
for a grouped row.")>  
<C1CategoryAttribute("Property Changed")>  
Public Event GroupAggregate As GroupTextEventHandler
```

## C#

```
[C1DescriptionAttribute("Occurs when the C1DataColumn.Aggregate is set to Custom  
for a grouped row.")]  
[C1CategoryAttribute("Property Changed")]  
public event GroupTextEventHandler GroupAggregate
```

## Event Data

The event handler receives an argument of type [GroupTextEventArgs](#) containing data related to this event. The following **GroupTextEventArgs** properties provide information specific to this event.

Property	Description
Col	Column that is being grouped.
EndRowIndex	Last row index that is being grouped.
GroupText	Value that the data is being grouped on.
RowType	Type of row being grouped.
StartRowIndex	First row index that is being grouped.
Text	Custom text for the grouped row.

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*GroupColMove Event*

Occurs whenever a column is moved into or out of the grouping area.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs whenever a column is moved into or out of the
grouping area.")>
Public Event GroupColMove As GroupColMoveEventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs whenever a column is moved into or out of the
grouping area.")]
public event GroupColMoveEventHandler GroupColMove
```

## Event Data

The event handler receives an argument of type [GroupColMoveEventArgs](#) containing data related to this event. The following **GroupColMoveEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a> (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )	Gets or sets a value indicating that the action should not be

	performed.
ColIndex (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )	Indicates the starting position in the DisplayColumns collection.
Column (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )	Gets the C1DisplayColumn that is being moved.
DataColumn	The C1DataColumn for the column being moved.
Position (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )	Indicates the target index of the column being moved.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*GroupHeadClick Event*

Occurs whenever a column in the grouping area is clicked.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever a column in the grouping area is clicked.")> <C1CategoryAttribute("Action")> Public Event GroupHeadClick As GroupColEventHandler	

C#

```
[C1DescriptionAttribute("Occurs whenever a column in the grouping area is
clicked.")]
[C1CategoryAttribute("Action")]
public event GroupColEventHandler GroupHeadClick
```

## Event Data

The event handler receives an argument of type [GroupColEventArgs](#) containing data related to this event. The following **GroupColEventArgs** properties provide information specific to this event.

Property	Description
ColIndex	Indicates the position in the DisplayColumns collection.
DataColumn	The C1DataColumn that was clicked.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *GroupInterval Event*

Occurs whenever a row is being grouped and a custom interval has been specified.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs whenever a row is being grouped and a custom
interval has been specified.")>
```

<pre>Public Event GroupInterval As GroupIntervalEventHandler</pre>	
C#	
<pre>[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a row is being grouped and a custom interval has been specified.")] public event GroupIntervalEventHandler GroupInterval</pre>	

## Event Data

The event handler receives an argument of type [GroupIntervalEventArgs](#) containing data related to this event. The following **GroupIntervalEventArgs** properties provide information specific to this event.

Property	Description
Col	Column that is being grouped.
Row	Row index that is being grouped.
Value	Underlying value of the row being grouped.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *GroupText Event*

Occurs when the [GroupInfo.HeaderText](#) property is set to custom.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("Occurs when the GroupInfo.HeaderText property is set to  
custom.")>  
<C1CategoryAttribute("Property Changed")>  
Public Event GroupText As GroupTextEventHandler
```

C#	
----	--

```
[C1DescriptionAttribute("Occurs when the GroupInfo.HeaderText property is set to  
custom.")]  
[C1CategoryAttribute("Property Changed")]  
public event GroupTextEventHandler GroupText
```

## Event Data

The event handler receives an argument of type [GroupTextEventArgs](#) containing data related to this event. The following **GroupTextEventArgs** properties provide information specific to this event.

Property	Description
Col	Column that is being grouped.
EndRowIndex	Last row index that is being grouped.
GroupText	Value that the data is being grouped on.
RowType	Type of row being grouped.
StartRowIndex	First row index that is being grouped.
Text	Custom text for the grouped row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *HeadClick Event*

Occurs whenever a column header is clicked.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever a column header is clicked.")> <C1CategoryAttribute("Mouse")> Public Event HeadClick As ColEventHandler	
C#	
[C1DescriptionAttribute("Occurs whenever a column header is clicked.")] [C1CategoryAttribute("Mouse")] public event ColEventHandler HeadClick	

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
<a href="#">Column</a>	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

[Reference](#)

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*LeftColChange Event*

Occurs whenever the left column changes.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Data")>
<C1DescriptionAttribute("Occurs whenever the left column changes.")>
Public Event LeftColChange As SplitEventHandler
```

C#

```
[C1CategoryAttribute("Data")]
[C1DescriptionAttribute("Occurs whenever the left column changes.")]
public event SplitEventHandler LeftColChange
```

## Event Data

The event handler receives an argument of type [SplitEventArgs](#) containing data related to this event. The following **SplitEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnAddNew Event*

Occurs whenever an AddNew operation has been initiated.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs whenever an AddNew operation has been
initiated.")>
Public Event OnAddNew As System.EventHandler
```

### C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs whenever an AddNew operation has been
initiated.")]
public event System.EventHandler OnAddNew
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *OnInit Event*

Occurs after the grid has been initialized.

## Syntax

### Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute("Occurs after the grid has been initialized.")>
Public Event OnInit As System.EventHandler
```

C#

```
[C1CategoryAttribute("Behavior")]
[C1DescriptionAttribute("Occurs after the grid has been initialized.")]
public event System.EventHandler OnInit
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OwnerDrawCell Event*

Occurs before a cell is rendered and the [C1DisplayColumn.OwnerDraw](#) is true.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs before a cell is rendered and the
C1DisplayColumn.OwnerDraw is true.")>
<C1CategoryAttribute("Appearance")>
Public Event OwnerDrawCell As OwnerDrawCellEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs before a cell is rendered and the
C1DisplayColumn.OwnerDraw is true.")]
[C1CategoryAttribute("Appearance")]
public event OwnerDrawCellEventHandler OwnerDrawCell
```

## Event Data

The event handler receives an argument of type [OwnerDrawCellEventArgs](#) containing data related to this event. The following **OwnerDrawCellEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">CellRect</a>	The bounding rectangle for the cell that needs to be rendered.
<a href="#">Col</a>	The index of the column in the <a href="#">DisplayColumns</a> collection.
<a href="#">Column</a>	The <a href="#">C1DisplayColumn</a> being rendered.
<a href="#">DrawCellFlags</a>	Indicates whether the custom renderer handles the background, border or content.
<a href="#">Graphics</a>	The GDI+ graphics object to render on.
<a href="#">Handled</a>	Indicates whether the event code rendered the cell.
<a href="#">Row</a>	The index of the row for the cell being rendered.
<a href="#">Split</a>	The index of the split for the cell being rendered.
<a href="#">Style</a>	The Style used to render the cell.
<a href="#">Text</a>	The text of the cell.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OwnerDrawCellPrint Event*

Occurs before a cell is to be printed and the [C1DisplayColumn.OwnerDraw](#) is true.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Occurs before a cell is to be printed and the
C1DisplayColumn.OwnerDraw is true.")>
Public Event OwnerDrawCellPrint As OwnerDrawCellEventHandler
```

C#	
----	--

```
[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Occurs before a cell is to be printed and the
C1DisplayColumn.OwnerDraw is true.")]
public event OwnerDrawCellEventHandler OwnerDrawCellPrint
```

## Event Data

The event handler receives an argument of type [OwnerDrawCellEventArgs](#) containing data related to this event. The following **OwnerDrawCellEventArgs** properties provide information specific to this event.

Property	Description
CellRect	The bounding rectangle for the cell that needs to be rendered.
Col	The index of the column in the DisplayColumns collection.
Column	The C1DisplayColumn being rendered.
DrawCellFlags	Indicates whether the custom renderer handles the background, border or content.
Graphics	The GDI+ graphics object to render on.
Handled	Indicates whether the event code rendered the cell.
Row	The index of the row for the cell being rendered.

Split	The index of the split for the cell being rendered.
Style	The Style used to render the cell.
Text	The text of the cell.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OwnerDrawPageFooter Event*

Occurs before the page footer is to be printed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Occurs before the page footer is to be printed.")>
Public Event OwnerDrawPageFooter As OwnerDrawPageEventHandler
```

C#	
----	--

```
[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Occurs before the page footer is to be printed.")]
public event OwnerDrawPageEventHandler OwnerDrawPageFooter
```

## Event Data

The event handler receives an argument of type [OwnerDrawPageEventArgs](#) containing data related to this event. The following **OwnerDrawPageEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">OwnerDrawPrint</a>	The <a href="#">C1OwnerDrawPrint</a> object used to render the custom header or footer

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*OwnerDrawPageHeader Event*

Occurs before the page header is to be printed.

## Syntax

Visual Basic (Declaration)	
	<pre>&lt;C1DescriptionAttribute("Occurs before the page header is to be printed.")&gt; &lt;C1CategoryAttribute("Appearance")&gt; Public Event OwnerDrawPageHeader As OwnerDrawPageEventHandler</pre>
C#	
	<pre>[C1DescriptionAttribute("Occurs before the page header is to be printed.")] [C1CategoryAttribute("Appearance")] public event OwnerDrawPageEventHandler OwnerDrawPageHeader</pre>

## Event Data

The event handler receives an argument of type [OwnerDrawPageEventArgs](#) containing data related to this event. The following **OwnerDrawPageEventArgs** properties provide information specific to this event.

Property	Description

OwnerDrawPrint	The <a href="#">C1OwnerDrawPrint</a> object used to render the custom header or footer
----------------	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RowColChange Event*

Occurs when the focus moves to a different cell.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Focus")>
<C1DescriptionAttribute("Occurs when the focus moves to a different cell.")>
Public Event RowColChange As RowColChangeEventHandler
```

C#	
----	--

```
[C1CategoryAttribute("Focus")]
[C1DescriptionAttribute("Occurs when the focus moves to a different cell.")]
public event RowColChangeEventHandler RowColChange
```

## Event Data

The event handler receives an argument of type [RowColChangeEventArgs](#) containing data related to this event. The following **RowColChangeEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">LastCol</a>	The previous column index of the DisplayColumns collection.

LastRow	The previous row index.
---------	-------------------------

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*RowResize Event*

Occurs whenever the user resizes a row.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever the user resizes a row.")>	
<C1CategoryAttribute("Action")>	
<b>Public Event</b> RowResize <b>As CancelEventHandler</b>	
C#	
[C1DescriptionAttribute("Occurs whenever the user resizes a row.")]	
[C1CategoryAttribute("Action")]	
<b>public event CancelEventHandler RowResize</b>	

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *Scroll Event*

Occurs whenever the user scrolls the grid.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs whenever the user scrolls the grid.")>	
<C1CategoryAttribute("Action")>	
<b>Public Event</b> Scroll <b>As CancelEventHandler</b>	

	[C1DescriptionAttribute("Occurs whenever the user scrolls the grid.")]
	[C1CategoryAttribute("Action")]
	<b>public event CancelEventHandler Scroll</b>

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

#### *SelChange Event*

Occurs whenever the user selected a different range of rows or columns.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs whenever the user selected a different range of  
rows or columns.")>  
<C1CategoryAttribute("Action")>  
Public Event SelChange As CancelEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs whenever the user selected a different range of  
rows or columns.")]  
[C1CategoryAttribute("Action")]  
public event CancelEventHandler SelChange
```

## Event Data

The event handler receives an argument of type [CancelEventArgs](#) containing data related to this event. The following **CancelEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *Sort Event*

Occurs when the user drags a column into the grouping area.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs when the user drags a column into the grouping area.")> Public Event Sort As FilterEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs when the user drags a column into the grouping area.")] public event FilterEventHandler Sort	

## Event Data

The event handler receives an argument of type [FilterEventArgs](#) containing data related to this event. The following **FilterEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Condition</a>	The filter or sort condition.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

[Reference](#)

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SplitAdded Event*

Occurs when a split is added.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when a split is added.")>
Public Event SplitAdded As System.EventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when a split is added.")]
public event System.EventHandler SplitAdded
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SplitChange Event*

Occurs whenever a Split changes focus.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs whenever a Split changes focus.")>
Public Event SplitChange As System.EventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs whenever a Split changes focus.")]
public event System.EventHandler SplitChange
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*SplitRemoved Event*

Occurs when a split is removed.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Action")>
<C1DescriptionAttribute("Occurs when a split is removed.")>
Public Event SplitRemoved As System.EventHandler
```

C#

```
[C1CategoryAttribute("Action")]
[C1DescriptionAttribute("Occurs when a split is removed.")]
public event System.EventHandler SplitRemoved
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

### *UnboundColumnFetch Event*

Occurs when the grid needs to access the value of an unbound column.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the grid needs to access the value of an  
unbound column.")>  
<C1CategoryAttribute("Data")>  
Public Event UnboundColumnFetch As UnboundColumnFetchEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs when the grid needs to access the value of an  
unbound column.")]  
[C1CategoryAttribute("Data")]  
public event UnboundColumnFetchEventHandler UnboundColumnFetch
```

## Event Data

The event handler receives an argument of type [UnboundColumnFetchEventArgs](#) containing data related to this event. The following **UnboundColumnFetchEventArgs** properties provide information specific to this event.

Property	Description
Col	Indicates the position in the Columns collection.
Column	The <a href="#">C1 DataColumn</a> object.
Row	The index of the row.
Value	Gets or sets the value of the Column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*UnboundColumnUpdated Event*

Occurs when the value of an unbound column has been updated.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Occurs when the value of an unbound column has been  
updated.")>  
<C1CategoryAttribute("Data")>  
Public Event UnboundColumnUpdated As UnboundColumnFetchEventHandler
```

C#

```
[C1DescriptionAttribute("Occurs when the value of an unbound column has been  
updated.")]  
[C1CategoryAttribute("Data")]  
public event UnboundColumnFetchEventHandler UnboundColumnUpdated
```

## Event Data

The event handler receives an argument of type [UnboundColumnFetchEventArgs](#) containing data related to this event. The following **UnboundColumnFetchEventArgs** properties provide information specific to this event.

Property	Description
Col	Indicates the position in the Columns collection.
Column	The <a href="#">C1 DataColumn</a> object.

Row	The index of the row.
Value	Gets or sets the value of the Column.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

*ValueItemError Event*

Occurs whenever a user attempts to enter invalid data into a column that is using valueitems.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Action")> <C1DescriptionAttribute("Occurs whenever a user attempts to enter invalid data into a column that is using valueitems.")> Public Event ValueItemError As ColEventHandler	
C#	
[C1CategoryAttribute("Action")] [C1DescriptionAttribute("Occurs whenever a user attempts to enter invalid data into a column that is using valueitems.")] public event ColEventHandler ValueItemError	

## Event Data

The event handler receives an argument of type [ColEventArgs](#) containing data related to this event. The following **ColEventArgs** properties provide information specific to this event.

Property	Description
ColIndex	Indicates the position in the DisplayColumns collection.
Column	Gets the C1DisplayColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGrid Class](#)

[C1TrueDBGrid Members](#)

[C1TrueDBGridPreviewFormDropDownEditor](#)

## Object Model

[C1TrueDBGridPreviewFormDropDownEditor](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class C1TrueDBGridPreviewFormDropDownEditor     Inherits DropDownFormClassNameEditor</pre>	
C#	
<pre>public class C1TrueDBGridPreviewFormDropDownEditor : DropDownFormClassNameEditor</pre>	

## Inheritance Hierarchy

System.Object

System.Drawing.Design.UITypeEditor

[C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#)

**[C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor](#)**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPreviewFormDropDownEditor Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[C1TrueDBGridPreviewFormDropDownEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class C1TrueDBGridPreviewFormDropDownEditor  
    Inherits DropDownFormClassNameEditor
```

C#

```
public class C1TrueDBGridPreviewFormDropDownEditor : DropDownFormClassNameEditor
```

## Inheritance Hierarchy

System.Object

  System.Drawing.Design.UITypeEditor  
    [C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#)  
      **C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1TrueDBGridPreviewFormDropDownEditor Members](#)

C1.Win.C1TrueDBGrid Namespace

### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1TrueDBGridPreviewFormDropDownEditor](#).

## Public Constructors

	Name	Description
	<a href="#">C1TrueDBGridPreviewFormDropDownEditor Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">IsDropDownResizable</a> (Inherited from System.Drawing.Design.UITypeEditor)	

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## Protected Properties

	Name	Description
	<a href="#">BaseFormClassName</a>	Overridden.
	<a href="#">IncludeBaseFormClassInList</a>	Gets a value indicating whether [include base form class in list]. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
	<a href="#">IncludeNoneInList</a>	Gets a value indicating whether [include none in list]. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
	<a href="#">NoneString</a>	Gets the none string. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a>
--	--	---

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## Public Methods

	Name	Description
=	<a href="#">EditValue</a>	Overloaded. Edits the specified object's value using the editor style indicated by the <b>System.Drawing.Design.UITypeEditor.GetEditStyle</b> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
=	<a href="#">GetEditStyle</a>	Overloaded. Gets the editor style used by the <b>System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)</b> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from <a href="#">System.Drawing.Design.UITypeEditor</a> )
=	<a href="#">PaintValue</a>	Overloaded. (Inherited from <a href="#">System.Drawing.Design.UITypeEditor</a> )

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## See Also

### Reference

[C1TrueDBGridPreviewFormDropDownEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*C1TrueDBGridPreviewFormDropDownEditor Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	

C#

```
public C1TrueDBGridPreviewFormDropDownEditor()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPreviewFormDropDownEditor Class](#)

[C1TrueDBGridPreviewFormDropDownEditor Members](#)

#### *Properties*

>

Name	Description
------	-------------

 [IsDropDownResizable](#) (Inherited from System.Drawing.Design.UITypeEditor)

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## Protected Properties

Name	Description
------	-------------

 [BaseFormClassName](#) Overridden.

 [IncludeBaseFormClassInList](#) (Inherited from  
[C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))

 [IncludeNoneInList](#) Gets a value indicating whether [include none in list]. (Inherited from [C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))

 [NoneString](#) Gets the none string. (Inherited from  
[C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))

[Top](#)

## See Also

### Reference

[C1TrueDBGridPreviewFormDropDownEditor Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*BaseFormClassName Property*

### Syntax

Visual Basic (Declaration)

```
Protected Overrides ReadOnly Property BaseFormClassName As System.String
```

C#

```
protected override System.String BaseFormClassName {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPreviewFormDropDownEditor Class](#)

[C1TrueDBGridPreviewFormDropDownEditor Members](#)

[C1TrueDBGridPrintOptionsFormDropDownEditor](#)

## Object Model

[C1TrueDBGridPrintOptionsFormDropDownEditor](#)

### Syntax

Visual Basic (Declaration)

```
Public Class C1TrueDBGridPrintOptionsFormDropDownEditor  
    Inherits DropDownFormClassNameEditor
```

C#

```
public class C1TrueDBGridPrintOptionsFormDropDownEditor :  
DropDownFormClassNameEditor
```

## Inheritance Hierarchy

System.Object

    System.Drawing.Design.UITypeEditor

        C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor

**C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[C1TrueDBGridPrintOptionsFormDropDownEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class C1TrueDBGridPrintOptionsFormDropDownEditor  
    Inherits DropDownFormClassNameEditor
```

C#

```
public class C1TrueDBGridPrintOptionsFormDropDownEditor :  
DropDownFormClassNameEditor
```

## Inheritance Hierarchy

System.Object  
System.Drawing.Design.UITypeEditor  
[C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#)  
**C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1TrueDBGridPrintOptionsFormDropDownEditor](#).

## Public Constructors

	Name	Description
 <a href="#">C1TrueDBGridPrintOptionsFormDropDownEditor Constructor</a>		

[Top](#)

## Public Properties

	Name	Description
 <a href="#">IsDropDownResizable</a>	(Inherited from System.Drawing.Design.UITypeEditor)	

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## Protected Properties

	Name	Description

 <a href="#">BaseFormClassName</a>	Overridden.
 <a href="#">IncludeBaseFormClassInList</a>	Gets a value indicating whether [include base form class in list]. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
 <a href="#">IncludeNoneInList</a>	Gets a value indicating whether [include none in list]. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )
 <a href="#">NoneString</a>	Gets the none string. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )

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## Public Methods

	Name	Description
 <a href="#">EditValue</a>	Overloaded. Edits the specified object's value using the editor style indicated by the <b>System.Drawing.Design.UITypeEditor.GetEditStyle</b> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )	
 <a href="#">GetEditStyle</a>	Overloaded. Gets the editor style used by the <b>System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)</b> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor</a> )	
 <a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from <a href="#">System.Drawing.Design.UITypeEditor</a> )	
 <a href="#">PaintValue</a>	Overloaded. (Inherited from <a href="#">System.Drawing.Design.UITypeEditor</a> )	

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## See Also

## Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Class](#)

C1.Win.C1TrueDBGrid Namespace

*C1TrueDBGridPrintOptionsFormDropDownEditor Constructor*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public C1TrueDBGridPrintOptionsFormDropDownEditor()</pre>	

<pre>Public Function New()</pre>	
<pre>public C1TrueDBGridPrintOptionsFormDropDownEditor()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Class](#)

[C1TrueDBGridPrintOptionsFormDropDownEditor Members](#)

*Properties*

>

Name	Description
------	-------------

 [IsDropDownResizable](#) (Inherited from System.Drawing.Design.UITypeEditor)

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## Protected Properties

Name	Description
------	-------------

 [BaseFormClassName](#) Overridden.

 [IncludeBaseFormClassNameInList](#) (Inherited from [C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))  
Gets a value indicating whether [include base form class in list].

 [IncludeNoneInList](#)  
Gets a value indicating whether [include none in list]. (Inherited from [C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))

 [NoneString](#)  
Gets the none string. (Inherited from [C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor](#))

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## See Also

### Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*BaseFormClassName Property*

### Syntax

Visual Basic (Declaration)

```
Protected Overrides ReadOnly Property BaseFormClassName As System.String
```

C#

```
protected override System.String BaseFormClassName {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1TrueDBGridPrintOptionsFormDropDownEditor Class](#)  
[C1TrueDBGridPrintOptionsFormDropDownEditor Members](#)

## CancelEventArgs

Provides data for the [C1TrueDBGrid.BeforeDelete](#), [C1TrueDBGrid.BeforeInsert](#), [C1TrueDBGrid.BeforeUpdate](#), [C1TrueDBGrid.BeforeRowColChange](#), [C1TrueDBGrid.RowResize](#), [C1TrueDBGrid.Scroll](#), [C1TrueDBGrid.SelChange](#), [C1TrueDBGrid.BeforeOpen](#), and [C1TrueDBGrid.BeforeClose](#) events.

## Object Model

CancelEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class CancelEventArgs  
    Inherits System.EventArgs
```

C#

```
public class CancelEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.CancelEventArgs**

[C1.Win.C1TrueDBGrid.CancelScrollEventArgs](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

## *Overview*

Provides data for the [C1TrueDBGrid.BeforeDelete](#), [C1TrueDBGrid.BeforeInsert](#), [C1TrueDBGrid.BeforeUpdate](#), [C1TrueDBGrid.BeforeRowColChange](#), [C1TrueDBGrid.RowResize](#), [C1TrueDBGrid.Scroll](#), [C1TrueDBGrid.SelChange](#), [C1TrueDBGrid.BeforeOpen](#), and [C1TrueDBGrid.BeforeClose](#) events.

## Object Model

CancelEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class CancelEventArgs  
    Inherits System.EventArgs
```

C#

```
public class CancelEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.CancelEventArgs**

[C1.Win.C1TrueDBGrid.CancelScrollEventArgs](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [CancelEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

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## See Also

### Reference

[CancelEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

For a list of all members of this type, see [CancelEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.

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## See Also

### Reference

[CancelEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Cancel Property*

Gets or sets a value indicating that the action should not be performed.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Cancel As System.Boolean</pre>	

C#

```
public System.bool Cancel {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelEventArgs Class](#)

[CancelEventArgs Members](#)

[CancelScrollEventArgs](#)

Provides data for the [C1TrueDBGrid.Scroll](#) event.

## Object Model

[CancelScrollEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class CancelEventArgs  
    Inherits EventArgs
```

C#

```
public class CancelEventArgs : EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

[C1.Win.C1TrueDBGrid.CancelEventArgs](#)

**C1.Win.C1TrueDBGrid.CancelEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelScrollEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.Scroll](#) event.

## Object Model

[CancelScrollEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class CancelEventArgs  
    Inherits EventArgs
```

C#

```
public class CancelEventArgs : EventArgs
```

## Inheritance Hierarchy

System.Object  
System.EventArgs  
[C1.Win.C1TrueDBGrid.CancelEventArgs](#)  
**C1.Win.C1TrueDBGrid.CancelEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[CancelScrollEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *Members*

#### [Properties](#)

The following tables list the members exposed by [CancelScrollEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.CancelEventArgs</a> )
	<a href="#">NewValue</a>	Gets the new scroll position.
	<a href="#">OldValue</a>	Gets the current scroll position.

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## See Also

### Reference

[CancelScrollEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *Properties*

For a list of all members of this type, see [CancelScrollEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.CancelEventArgs</a> )
	<a href="#">NewValue</a>	Gets the new scroll position.

 OldValue	Gets the current scroll position.
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## See Also

### Reference

[CancelScrollEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*NewValue Property*  
 Gets the new scroll position.

## Syntax

Visual Basic (Declaration)	
<code>Public ReadOnly Property NewValue As System.Integer</code>	
C#	
<code>public System.int NewValue {get;}</code>	

<code>public System.int NewValue {get;}</code>	
--	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelScrollEventArgs Class](#)  
[CancelScrollEventArgs Members](#)

*OldValue Property*  
 Gets the current scroll position.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public ReadOnly Property OldValue As System.Integer
```

C#

```
public System.int OldValue {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelScrollEventArgs Class](#)

[CancelScrollEventArgs Members](#)

[ColEventArgs](#)

Provides data for the [C1TrueDBGrid.AfterColUpdate](#), [C1TrueDBGrid.AfterColEdit](#), [C1TrueDBGrid.HeadClick](#), [C1TrueDBGrid.FootClick](#), [C1TrueDBGrid.ColEdit](#), [C1TrueDBGrid.ButtonClick](#), [C1TrueDBGrid.ComboSelect](#), [C1TrueDBGrid.ValueItemError](#), and [C1TrueDBGrid.FilterButtonClick](#) events.

## Object Model

ColEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class ColEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ColEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.ColEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.AfterColUpdate](#), [C1TrueDBGrid.AfterColEdit](#), [C1TrueDBGrid.HeadClick](#), [C1TrueDBGrid.FootClick](#), [C1TrueDBGrid.ColEdit](#), [C1TrueDBGrid.ButtonClick](#), [C1TrueDBGrid.ComboSelect](#), [C1TrueDBGrid.ValueItemError](#), and [C1TrueDBGrid.FilterButtonClick](#) events.

## Object Model

ColEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class ColEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ColEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.ColEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#)

The following tables list the members exposed by [ColEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
	<a href="#">Column</a>	Gets the C1DisplayColumn.

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## See Also

### Reference

[ColEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

For a list of all members of this type, see [ColEventArgs members](#).

## Public Properties

	Name	Description

 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	Gets the C1DisplayColumn.

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## See Also

### Reference

[ColEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ColIndex Property*

Indicates the position in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)	
<code>Public ReadOnly Property ColIndex As System.Integer</code>	
C#	
<code>public System.int ColIndex {get;}</code>	

<code>public System.int ColIndex {get;}</code>	
--	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColEventArgs Class](#)

[ColEventArgs Members](#)

*Column Property*

Gets the C1DisplayColumn.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColEventArgs Class](#)

[ColEventArgs Members](#)

[ColMoveEventArgs](#)

Provides data for the [C1TrueDBGrid.ColMove](#) event.

## Object Model

[ColMoveEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ColMoveEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ColMoveEventArgs : System.EventArgs
```

## Inheritance Hierarchy

[System.Object](#)

[System.EventArgs](#)

## **C1.Win.C1TrueDBGrid.ColMoveEventArgs**

[C1.Win.C1TrueDBGrid.GroupColMoveEventArgs](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.ColMove](#) event.

## Object Model

[ColMoveEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ColMoveEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ColMoveEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

  System.EventArgs

**C1.Win.C1TrueDBGrid.ColMoveEventArgs**

[C1.Win.C1TrueDBGrid.GroupColMoveEventArgs](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [ColMoveEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.
	<a href="#">ColIndex</a>	Indicates the starting position in the DisplayColumns collection.
	<a href="#">Column</a>	Gets the C1DisplayColumn that is being moved.
	<a href="#">Position</a>	Indicates the target index of the column being moved.

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## See Also

### Reference

[ColMoveEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

For a list of all members of this type, see [ColMoveEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed.
	<a href="#">ColIndex</a>	Indicates the starting position in the DisplayColumns collection.
	<a href="#">Column</a>	Gets the C1DisplayColumn that is being moved.
	<a href="#">Position</a>	Indicates the target index of the column being moved.

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## See Also

### Reference

[ColMoveEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Cancel Property*

Gets or sets a value indicating that the action should not be performed.

## Syntax

Visual Basic (Declaration)	
<code>Public Property Cancel As System.Boolean</code>	
C#	
<code>public System.bool Cancel {get; set;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Class](#)

[ColMoveEventArgs Members](#)

*ColIndex Property*

Indicates the starting position in the `DisplayColumns` collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property ColIndex As System.Integer</pre>	
C#	
<pre>public System.int ColIndex {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008

(Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later),

Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Class](#)

[ColMoveEventArgs Members](#)

*Column Property*

Gets the `C1DisplayColumn` that is being moved.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Column As C1DisplayColumn</pre>	
C#	
<pre>public C1DisplayColumn Column {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Class](#)

[ColMoveEventArgs Members](#)

*Position Property*

Indicates the target index of the column being moved.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Position As System.Integer
```

C#

```
public System.int Position {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventArgs Class](#)

[ColMoveEventArgs Members](#)

[ColResizeEventArgs](#)

Provides data for the ColReisize event.

## Object Model

[ColResizeEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ColResizeEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ColResizeEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.ColResizeEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the ColReisize event.

## Object Model

ColResizeEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class ColResizeEventArgs
```

**Inherits** System.EventArgs

C#

```
public class ColResizeEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.ColResizeEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#)

The following tables list the members exposed by [ColResizeEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that sizing should be ignored.
	<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
	<a href="#">Column</a>	Gets the C1DisplayColumn for the column being sized.

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## See Also

## Reference

ColResizeEventArgs Class  
C1.Win.C1TrueDBGrid Namespace

### Properties

For a list of all members of this type, see [ColResizeEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that sizing should be ignored.
	<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
	<a href="#">Column</a>	Gets the C1DisplayColumn for the column being sized.

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## See Also

### Reference

ColResizeEventArgs Class  
C1.Win.C1TrueDBGrid Namespace

### Cancel Property

Gets or sets a value indicating that sizing should be ignored.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Cancel As System.Boolean</pre>	
C#	
<pre>public System.bool Cancel {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventArgs Class](#)

[ColResizeEventArgs Members](#)

*ColIndex Property*

Indicates the position in the `DisplayColumns` collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property ColIndex As System.Integer
```

C#

```
public System.int ColIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventArgs Class](#)

[ColResizeEventArgs Members](#)

*Column Property*

Gets the `C1DisplayColumn` for the column being sized.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventArgs Class](#)

[ColResizeEventArgs Members](#)

[ColumnMergeTypeConverter](#)

## Object Model

[ColumnMergeTypeConverter](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ColumnMergeTypeConverter  
    Inherits System.ComponentModel.EnumConverter
```

C#

```
public class ColumnMergeTypeConverter : System.ComponentModel.EnumConverter
```

## Inheritance Hierarchy

System.Object

System.ComponentModel.TypeConverter

System.ComponentModel.EnumConverter

**C1.Win.C1TrueDBGrid.ColumnMergeTypeConverter**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColumnMergeTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[ColumnMergeTypeConverter](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ColumnMergeTypeConverter  
    Inherits System.ComponentModel.EnumConverter
```

C#

```
public class ColumnMergeTypeConverter : System.ComponentModel.EnumConverter
```

## Inheritance Hierarchy

```
System.Object  
  System.ComponentModel.TypeConverter  
    System.ComponentModel.EnumConverter  
      C1.Win.C1TrueDBGrid.ColumnMergeTypeConverter
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColumnMergeTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [ColumnMergeTypeConverter](#).

## Public Constructors

	Name	Description
=	<a href="#">ColumnMergeTypeConverter Constructor</a>	Initializes a new instance of the <a href="#">ColumnMergeTypeConverter</a> class.

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## Protected Properties

	Name	Description
comparer	<a href="#">Comparer</a>	(Inherited from System.ComponentModel.EnumConverter)
enumType	<a href="#">EnumType</a>	(Inherited from System.ComponentModel.EnumConverter)
values	<a href="#">Values</a>	(Inherited from System.ComponentModel.EnumConverter)

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## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
=	<a href="#">CanConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)

<a href="#">ConvertFrom</a>	Overloaded. Overridden. Converts from.
<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">ConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)

=♪	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
=♪	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)

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## Protected Methods

	Name	Description
=♪	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
=♪	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
=♪	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[ColumnMergeTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *ColumnMergeTypeConverter Constructor*

Initializes a new instance of the [ColumnMergeTypeConverter](#) class.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public ColumnMergeTypeConverter()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColumnMergeTypeConverter Class](#)

[ColumnMergeTypeConverter Members](#)

#### Methods

>

Name	Description
<a href="#">≡VV CanConvertFrom</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
<a href="#">≡VV CanConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
<a href="#">≡VV ConvertFrom</a>	Overloaded. Overridden. Converts from.
<a href="#">≡VV ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">≡VV ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">≡VV ConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
<a href="#">≡VV ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">≡VV ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">≡VV CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">≡VV GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

 <a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
 <a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
 <a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
 <a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)
 <a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.EnumConverter)

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## Protected Methods

Name	Description
 <a href="#">GetConvertFromException</a> (Inherited from System.ComponentModel.TypeConverter)	
 <a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
 <a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[ColumnMergeTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ConvertFrom Method*

Converts from.

## Overload List

Overload	Description
<code>ConvertFrom(ITypeDescriptorContext,CultureInfo,Object)</code> )	Converts from.
<code>ConvertFrom(Object)</code>	(Inherited from <code>System.ComponentModel.TypeConverter</code> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColumnMergeTypeConverter Class](#)

[ColumnMergeTypeConverter Members](#)

`ConvertFrom(ITypeDescriptorContext,CultureInfo,Object)` Method  
The CTX.

The ci.

The obj.

Converts from.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function ConvertFrom( _     ByVal ctx As System.ComponentModel.ITypeDescriptorContext, _     ByVal ci As System.Globalization.CultureInfo, _     ByVal obj As System.Object _ ) As System.Object</pre>	

C#

```
public override System.Object ConvertFrom(
    System.ComponentModel.ITypeDescriptorContext ctx,
    System.Globalization.CultureInfo ci,
    System.Object obj
)
```

## Parameters

*ctx*

The CTX.

*ci*

The ci.

*obj*

The obj.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColumnMergeTypeConverter Class](#)  
[ColumnMergeTypeConverter Members](#)  
[Overload List](#)

Condition

Represents a condition within a **ConditionFilter**.

## Object Model

Condition

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>Public Class Condition</pre>	
-----------------------------------	--

C#	
----	--

<pre>public class Condition</pre>	
-----------------------------------	--

## Remarks

Each **ConditionFilter** contains up to two conditions that can be combined with 'And' or 'Or' operators.

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Condition**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

Condition Members

C1.Win.C1TrueDBGrid Namespace

### Overview

Represents a condition within a **ConditionFilter**.

## Object Model

Condition

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>Public Class Condition</pre>	
-----------------------------------	--

C#

```
public class Condition
```

## Remarks

Each **ConditionFilter** contains up to two conditions that can be combined with 'And' or 'Or' operators.

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Condition**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

Condition Members

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [Condition](#).

## Public Properties

	Name	Description
	<a href="#">IsActive</a>	Gets a value that indicates whether the condition is active.
	<a href="#">Operator</a>	Gets or sets the operator used by this condition.
	<a href="#">Parameter</a>	Gets or sets the parameter used by this condition.

	<a href="#">ParameterText</a>	Gets or sets the parameter as a string used by this condition.
---	-------------------------------	--

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## Public Methods

	Name	Description
	<a href="#">Apply</a>	Applies the condition to a given value.
	<a href="#">Clear</a>	Clears this condition by setting the <a href="#">Operator</a> to 'None' and the <a href="#">Parameter</a> to null.

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## See Also

### Reference

[Condition Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

For a list of all members of this type, see [Condition members](#).

## Public Methods

	Name	Description
	<a href="#">Apply</a>	Applies the condition to a given value.
	<a href="#">Clear</a>	Clears this condition by setting the <a href="#">Operator</a> to 'None' and the <a href="#">Parameter</a> to null.

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## See Also

### Reference

## Condition Class

C1.Win.C1TrueDBGrid Namespace

### Apply Method

Value to test.

Applies the condition to a given value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function Apply( _     ByVal value As System.Object _ ) As System.Boolean</pre>	
C#	
<pre>public System.bool Apply(     System.object value )</pre>	

### Parameters

*value*

Value to test.

### Return Value

True if the value satisfies the condition, false otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

### *Clear Method*

Clears this condition by setting the [Operator](#) to 'None' and the [Parameter](#) to null.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub Clear()</pre>	
C#	
<pre>public void Clear()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

### *Properties*

For a list of all members of this type, see [Condition members](#).

## Public Properties

	Name	Description
	<a href="#">IsActive</a>	Gets a value that indicates whether the condition is active.
	<a href="#">Operator</a>	Gets or sets the operator used by this condition.
	<a href="#">Parameter</a>	Gets or sets the parameter used by this condition.
	<a href="#">ParameterText</a>	Gets or sets the parameter as a string used by this condition.

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## See Also

### Reference

[Condition Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*IsActive Property*

Gets a value that indicates whether the condition is active.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property IsActive As System.Boolean</pre>	
C#	
<pre>public System.bool IsActive {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

*Operator Property*

Gets or sets the operator used by this condition.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Operator As ConditionOperator</pre>	
C#	

```
public ConditionOperator Operator {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

*Parameter Property*

Gets or sets the parameter used by this condition.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Parameter As System.Object</pre>	
C#	
<pre>public System.Object Parameter {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

*ParameterText Property*

Gets or sets the parameter as a string used by this condition.

## Syntax

Visual Basic (Declaration)

```
Public Property ParameterText As System.String
```

C#

```
public System.string ParameterText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Condition Class](#)

[Condition Members](#)

[DropDownForm](#)

## Object Model

[DropDownForm](#)

## Syntax

Visual Basic (Declaration)

```
Public Class DropDownForm  
    Inherits System.Windows.Forms.Form
```

C#

```
public class DropDownForm : System.Windows.Forms.Form
```

## Inheritance Hierarchy

[System.Object](#)

[System.MarshalByRefObject](#)

[System.ComponentModel.Component](#)

[System.Windows.Forms.Control](#)

System.Windows.Forms.ScrollableControl  
System.Windows.Forms.ContainerControl  
System.Windows.Forms.Form  
**C1.Win.C1TrueDBGrid.DropDownForm**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

DropDownForm

## Syntax

Visual Basic (Declaration)

```
Public Class DropDownForm
    Inherits System.Windows.Forms.Form
```

C#

```
public class DropDownForm : System.Windows.Forms.Form
```

## Inheritance Hierarchy

System.Object  
System.MarshalByRefObject  
System.ComponentModel.Component  
System.Windows.Forms.Control  
System.Windows.Forms.ScrollableControl  
System.Windows.Forms.ContainerControl

System.Windows.Forms.Form

### C1.Win.C1TrueDBGrid.DropDownForm

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [DropDownForm](#).

## Public Constructors

	Name	Description
	<a href="#">DropDownForm Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)

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## Protected Properties

	Name	Description
	<a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CreateParams</a>	Overridden.
	<a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## Public Methods

	Name	Description
 <a href="#">Activate</a>		(Inherited from System.Windows.Forms.Form)

<a href="#">≡</a>	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">CloseDropDown</a>	Overloaded.
<a href="#">≡</a>	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">Dispose</a>	Overloaded. Overridden.
<a href="#">≡</a>	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)

<a href="#">≡</a>	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">≡</a>	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreFilterMessage</a>	
<a href="#">≡</a>	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)

=♪	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)

 <a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
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## Protected Methods

	Name	Description
 <a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateHandle</a>	Overridden.	
 <a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)	
 <a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)	

	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnActivated</a>	Overridden.
	<a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDeactivate</a>	Overridden.
⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)

!	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
!	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
!	<a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden.
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
⌚	<a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)

 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	Overridden.

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## Public Events

	Name	Description
 <a href="#">Activated</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AutoSizeChanged</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AutoValidateChanged</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)	

 CausesValidationChanged	(Inherited from System.Windows.Forms.Control)
 ChangeUICues	(Inherited from System.Windows.Forms.Control)
 Click	(Inherited from System.Windows.Forms.Control)
 ClientSizeChanged	(Inherited from System.Windows.Forms.Control)
 ContextMenuChanged	(Inherited from System.Windows.Forms.Control)
 ContextMenuStripChanged	(Inherited from System.Windows.Forms.Control)
 ControlAdded	(Inherited from System.Windows.Forms.Control)
 ControlRemoved	(Inherited from System.Windows.Forms.Control)
 CursorChanged	(Inherited from System.Windows.Forms.Control)
 Deactivate	(Inherited from System.Windows.Forms.Form)
 Disposed	(Inherited from System.ComponentModel.Component)
 DockChanged	(Inherited from System.Windows.Forms.Control)
 DoubleClick	(Inherited from System.Windows.Forms.Control)
 DragDrop	(Inherited from System.Windows.Forms.Control)
 DragEnter	(Inherited from System.Windows.Forms.Control)
 DragLeave	(Inherited from System.Windows.Forms.Control)
 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)

 Enter	(Inherited from System.Windows.Forms.Control)
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 FormClosed	(Inherited from System.Windows.Forms.Form)
 FormClosing	(Inherited from System.Windows.Forms.Form)
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 HandleCreated	(Inherited from System.Windows.Forms.Control)
 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HelpButtonClicked	(Inherited from System.Windows.Forms.Form)
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 InputLanguageChanged	(Inherited from System.Windows.Forms.Form)
 InputLanguageChanging	(Inherited from System.Windows.Forms.Form)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)
 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)

 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 Load	(Inherited from System.Windows.Forms.Form)
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MaximizedBoundsChanged	(Inherited from System.Windows.Forms.Form)
 MaximumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MdiChildActivate	(Inherited from System.Windows.Forms.Form)
 MenuComplete	(Inherited from System.Windows.Forms.Form)
 MenuStart	(Inherited from System.Windows.Forms.Form)
 MinimumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)
 MouseEnter	(Inherited from System.Windows.Forms.Control)
 MouseHover	(Inherited from System.Windows.Forms.Control)
 MouseLeave	(Inherited from System.Windows.Forms.Control)

 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Scroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Shown</a>	(Inherited from System.Windows.Forms.Form)

 SizeChanged	(Inherited from System.Windows.Forms.Control)
 StyleChanged	(Inherited from System.Windows.Forms.Control)
 SystemColorsChanged	(Inherited from System.Windows.Forms.Control)
 TextChanged	(Inherited from System.Windows.Forms.Control)
 Validated	(Inherited from System.Windows.Forms.Control)
 Validating	(Inherited from System.Windows.Forms.Control)
 VisibleChanged	(Inherited from System.Windows.Forms.Control)

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## See Also

### Reference

[DropDownForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*DropDownForm Constructor*

### Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function New( _
    ByVal owner As Frame _
)
```

C#	
----	--

```
public DropDownForm(
    Frame owner
)
```

### Parameters

*owner*

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

### Methods

For a list of all members of this type, see [DropDownForm members](#).

## Public Methods

	Name	Description
=	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">CloseDropDown</a>	Overloaded.
=	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">Dispose</a>	Overloaded. Overridden.
 <a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)

=♡	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PreFilterMessage</a>	
=♡	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)

= 	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
= 	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
= 	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
= 	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
= 	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
= 	<a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description
= 	<a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)
= 	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateHandle</a>	Overridden.
	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnActivated</a>	Overridden.
	<a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDeactivate</a>	Overridden.
⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseClicked</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden.
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	Overridden.

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## See Also

### Reference

[DropDownForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*CloseDropDown Method*

### Overload List

Overload	Description
<a href="#">CloseDropDown()</a>	
<a href="#">CloseDropDown(Boolean)</a>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)  
[DropDownForm Members](#)

[CloseDropDown\(\) Method](#)

### Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub CloseDropDown()</pre>	
C#	
<pre>public void CloseDropDown()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

[Overload List](#)

[CloseDropDown\(Boolean\) Method](#)

## Syntax

Visual Basic (Declaration)

```
<System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags,
Assertion=False,
UnmanagedCode=False,
SkipVerification=False,
Execution=False,
ControlThread=False,
ControlEvidence=False,
ControlPolicy=False,
SerializationFormatter=False,
ControlDomainPolicy=False,
ControlPrincipal=False,
ControlAppDomain=False,
RemotingConfiguration=False,
Infrastructure=False,
BindingRedirects=False,
Action=SecurityAction.Demand Or _
SecurityAction.Assert Or _
SecurityAction.Deny Or _
SecurityAction.PermitOnly Or _
SecurityAction.LinkDemand Or _
SecurityAction.InheritanceDemand,
Unrestricted=True)>
```

```

Public Overloads Sub CloseDropDown( _
    ByVal doPost As System.Boolean _
)
C#
[System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags,
    Assertion=false,
    UnmanagedCode=false,
    SkipVerification=false,
    Execution=false,
    ControlThread=false,
    ControlEvidence=false,
    ControlPolicy=false,
    SerializationFormatter=false,
    ControlDomainPolicy=false,
    ControlPrincipal=false,
    ControlAppDomain=false,
    RemotingConfiguration=false,
    Infrastructure=false,
    BindingRedirects=false,
    Action=SecurityAction.Demand |
    SecurityAction.Assert |
    SecurityAction.Deny |
    SecurityAction.PermitOnly |
    SecurityAction.LinkDemand |
    SecurityAction.InheritanceDemand,
    Unrestricted=true)]
public void CloseDropDown(
    System.bool doPost
)

```

## Parameters

*doPost*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

[Overload List](#)

*CreateHandle Method*

## Syntax

Visual Basic (Declaration)

```
<System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags,
Assertion=False,
UnmanagedCode=False,
SkipVerification=False,
Execution=False,
ControlThread=False,
ControlEvidence=False,
ControlPolicy=False,
SerializationFormatter=False,
ControlDomainPolicy=False,
ControlPrincipal=False,
ControlAppDomain=False,
RemotingConfiguration=False,
Infrastructure=False,
BindingRedirects=False,
Action=SecurityAction.Demand Or _
SecurityAction.Assert Or _
SecurityAction.Deny Or _
SecurityAction.PermitOnly Or _
SecurityAction.LinkDemand Or _
SecurityAction.InheritanceDemand,
Unrestricted=True)>
```

<b>Protected Overrides Sub CreateHandle()</b>	
<b>C#</b>	
<pre>[System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags, Assertion=false, UnmanagedCode=false, SkipVerification=false, Execution=false, ControlThread=false, ControlEvidence=false, ControlPolicy=false, SerializationFormatter=false, ControlDomainPolicy=false, ControlPrincipal=false, ControlAppDomain=false, RemotingConfiguration=false, Infrastructure=false, BindingRedirects=false, Action=SecurityAction.Demand   SecurityAction.Assert   SecurityAction.Deny   SecurityAction.PermitOnly   SecurityAction.LinkDemand   SecurityAction.InheritanceDemand, Unrestricted=true)] protected override void CreateHandle()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)  
[DropDownForm Members](#)

*Dispose Method*

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	
<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)  
[DropDownForm Members](#)

[Dispose\(Boolean\) Method](#)

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overloads Overrides Sub Dispose( _     ByVal disposing As System.Boolean _ )</pre>	
C#	
<pre>protected override void Dispose(     System.bool disposing )</pre>	

## Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

[Overload List](#)

*OnActivated Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnActivated( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnActivated(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

*OnDeactivate Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnDeactivate( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected override void OnDeactivate(     System.EventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)  
[DropDownForm Members](#)

*OnResize Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnResize( _     ByVal e As System.EventArgs _ )</pre>	
C#	

```
protected override void OnResize(  
    System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)  
[DropDownForm Members](#)

*PreFilterMessage Method*

## Syntax

Visual Basic (Declaration)	
<System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags, Assertion=False, UnmanagedCode=False, SkipVerification=False, Execution=False, ControlThread=False, ControlEvidence=False, ControlPolicy=False, SerializationFormatter=False, ControlDomainPolicy=False, ControlPrincipal=False, ControlAppDomain=False, RemotingConfiguration=False, Infrastructure=False, BindingRedirects=False,	

```
<System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags,  
Assertion=False,  
UnmanagedCode=False,  
SkipVerification=False,  
Execution=False,  
ControlThread=False,  
ControlEvidence=False,  
ControlPolicy=False,  
SerializationFormatter=False,  
ControlDomainPolicy=False,  
ControlPrincipal=False,  
ControlAppDomain=False,  
RemotingConfiguration=False,  
Infrastructure=False,  
BindingRedirects=False,
```

```

Action=SecurityAction.Demand Or _
SecurityAction.Assert Or _
SecurityAction.Deny Or _
SecurityAction.PermitOnly Or _
SecurityAction.LinkDemand Or _
SecurityAction.InheritanceDemand,
Unrestricted=True)>
Public Function PreFilterMessage( _
ByRef m As System.Windows.Forms.Message _
) As System.Boolean

```

C#	
----	--

```

[System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.NoFlags,
Assertion=false,
UnmanagedCode=false,
SkipVerification=false,
Execution=false,
ControlThread=false,
ControlEvidence=false,
ControlPolicy=false,
SerializationFormatter=false,
ControlDomainPolicy=false,
ControlPrincipal=false,
ControlAppDomain=false,
RemotingConfiguration=false,
Infrastructure=false,
BindingRedirects=false,
Action=SecurityAction.Demand |
SecurityAction.Assert |
SecurityAction.Deny |
SecurityAction.PermitOnly |
SecurityAction.LinkDemand |
SecurityAction.InheritanceDemand,
Unrestricted=true)]
public System.bool PreFilterMessage(
    ref System.Windows.Forms.Message m
)

```

## Parameters

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

*WndProc Method*

## Syntax

### Visual Basic (Declaration)

```
<System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.UnmanagedCode,  
Assertion=False,  
UnmanagedCode=True,  
SkipVerification=False,  
Execution=False,  
ControlThread=False,  
ControlEvidence=False,  
ControlPolicy=False,  
SerializationFormatter=False,  
ControlDomainPolicy=False,  
ControlPrincipal=False,  
ControlAppDomain=False,  
RemotingConfiguration=False,  
Infrastructure=False,  
BindingRedirects=False,  
Action=SecurityAction.Demand Or _  
SecurityAction.Deny Or _  
SecurityAction.LinkDemand,
```

```

        Unrestricted=False)>
Protected Overrides Sub WndProc( _
    ByRef m As System.Windows.Forms.Message _
)
C#
[System.Security.Permissions.SecurityPermissionAttribute(Flags=SecurityPermissionFlag.UnmanagedCode,
Assertion=false,
UnmanagedCode=true,
SkipVerification=false,
Execution=false,
ControlThread=false,
ControlEvidence=false,
ControlPolicy=false,
SerializationFormatter=false,
ControlDomainPolicy=false,
ControlPrincipal=false,
ControlAppDomain=false,
RemotingConfiguration=false,
Infrastructure=false,
BindingRedirects=false,
Action=SecurityAction.Demand |
    SecurityAction.Deny |
    SecurityAction.LinkDemand,
Unrestricted=false)]
protected override void WndProc(
    ref System.Windows.Forms.Message m
)

```

## Parameters

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

#### Properties

>

Name	Description
<a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
<a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)

 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">.RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)

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## Protected Properties

Name	Description
 <a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateParams</a>	Overridden.

 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## See Also

### Reference

[DropDownForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*CreateParams Property*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides ReadOnly Property CreateParams As  
System.Windows.Forms.CreateParams
```

C#

```
protected override System.Windows.Forms.CreateParams CreateParams {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownForm Class](#)

[DropDownForm Members](#)

[DropDownFormClassNameEditor](#)

## Object Model

[DropDownFormClassNameEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public MustInherit Class DropDownFormClassNameEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public abstract class DropDownFormClassNameEditor :  
    System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

System.Object

System.Drawing.Design.UITypeEditor

### C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor

[C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor](#)

[C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[DropDownFormClassNameEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public MustInherit Class DropDownFormClassNameEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public abstract class DropDownFormClassNameEditor :  
    System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

System.Object

System.Drawing.Design.UITypeEditor

### C1.Win.C1TrueDBGrid.DropDownFormClassNameEditor

[C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor](#)

[C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [DropDownFormClassNameEditor](#).

## Public Properties

	Name	Description
	<a href="#">IsDropDownResizable</a>	(Inherited from System.Drawing.Design.UITypeEditor)

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## Protected Properties

	Name	Description
	<a href="#">BaseFormClassName</a>	Gets the name of the base form class.
	<a href="#">IncludeBaseFormClassInList</a>	Gets a value indicating whether [include base form class in list].
	<a href="#">IncludeNoneInList</a>	Gets a value indicating whether [include none in list].
	<a href="#">NoneString</a>	Gets the none string.

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## Public Methods

	Name	Description
=	<a href="#">EditValue</a>	Overloaded. Overridden. Edits the specified object's value using the editor style indicated by the <b>System.Drawing.Design.UITypeEditor.GetEditStyle</b> method.
=	<a href="#">GetEditStyle</a>	Overloaded. Overridden. Gets the editor style used by the <b>System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider,System.Object)</b> method.
=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)
=	<a href="#">PaintValue</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[DropDownFormClassNameEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

>

	Name	Description
=	<a href="#">EditValue</a>	Overloaded. Overridden. Edits the specified object's value using the editor style indicated by the <b>System.Drawing.Design.UITypeEditor.GetEditStyle</b> method.
=	<a href="#">GetEditStyle</a>	Overloaded. Overridden. Gets the editor style used by the <b>System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider,System.Object)</b> method.
=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

 [PaintValue](#)

Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[DropDownFormClassNameEditor Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *EditValue Method*

Edits the specified object's value using the editor style indicated by the **System.Drawing.Design.UITypeEditor.GetEditStyle** method.

## Overload List

Overload	Description
<a href="#">EditValue(ITypeDescriptorContext,IServiceProvider, Object)</a>	Edits the specified object's value using the editor style indicated by the <b>System.Drawing.Design.UITypeEditor.GetEditStyle</b> method.
<a href="#">EditValue(IServiceProvider,Object)</a>	(Inherited from System.Drawing.Design.UITypeEditor)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)

[DropDownFormClassNameEditor Members](#)

`EditValue(ITypeDescriptorContext,IServiceProvider,Object)` Method

An **System.ComponentModel.ITypeDescriptorContext** that can be used to gain additional context information.

An **System.IServiceProvider** that this editor can use to obtain services.

The object to edit.

Edits the specified object's value using the editor style indicated by the **System.Drawing.Design.UITypeEditor.GetEditStyle** method.

## Syntax

Visual Basic (Declaration)

```
<System.Security.Permissions.PermissionSetAttribute(File="",
    UnicodeEncoded=False,
    Name="",
    XML="",
    Hex="",
    Action=SecurityAction.Demand Or _
    SecurityAction.Deny Or _
    SecurityAction.LinkDemand,
    Unrestricted=True)>
Public Overloads Overrides Function EditValue( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal provider As System.IServiceProvider, _
    ByVal value As System.Object _
) As System.Object
```

C#

```
[System.Security.Permissions.PermissionSetAttribute(File="",
    UnicodeEncoded=false,
    Name="",
    XML="",
    Hex="",
    Action=SecurityAction.Demand |
    SecurityAction.Deny |
    SecurityAction.LinkDemand,
    Unrestricted=true)]
```

```
public override System.Object EditValue(
    System.ComponentModel.ITypeDescriptorContext context,
    System.IServiceProvider provider,
    System.Object value
)
```

## Parameters

*context*

An **System.ComponentModel.ITypeDescriptorContext** that can be used to gain additional context information.

*provider*

An **System.IServiceProvider** that this editor can use to obtain services.

*value*

The object to edit.

## Return Value

The new value of the object. If the value of the object has not changed, this should return the same object it was passed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)  
[DropDownFormClassNameEditor Members](#)  
[Overload List](#)

*GetEditStyle Method*

Gets the editor style used by the

**System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)** method.

## Overload List

Overload	Description
<a href="#">GetEditStyle(ITypeDescriptorContext)</a>	Gets the editor style used by the <b>System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)</b> method.
<a href="#">GetEditStyle()</a>	(Inherited from <code>System.Drawing.Design.UITypeEditor</code> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)

[DropDownFormClassNameEditor Members](#)

[GetEditStyle\(ITypeDescriptorContext\) Method](#)

An **System.ComponentModel.ITypeDescriptorContext** that can be used to gain additional context information.

Gets the editor style used by the

**System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)** method.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.Security.Permissions.PermissionSetAttribute(File="",     UnicodeEncoded=False,     Name="",     XML="",     Hex="",     Action=SecurityAction.Demand Or _     SecurityAction.Deny Or _     SecurityAction.LinkDemand,</pre>	

```

    Unrestricted=True)>
Public Overloads Overrides Function GetEditStyle( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext _ 
) As System.Drawing.Design.UITypeEditorEditStyle
C#
[System.Security.Permissions.PermissionSetAttribute(File="",
    UnicodeEncoded=false,
    Name="",
    XML="",
    Hex="",
    Action=SecurityAction.Demand |
    SecurityAction.Deny |
    SecurityAction.LinkDemand,
    Unrestricted=true)]
public override System.Drawing.Design.UITypeEditorEditStyle GetEditStyle(
    System.ComponentModel.ITypeDescriptorContext context
)

```

## Parameters

*context*

An **System.ComponentModel.ITypeDescriptorContext** that can be used to gain additional context information.

## Return Value

A **System.Drawing.Design.UITypeEditorEditStyle** value that indicates the style of editor used by the **System.Drawing.Design.UITypeEditor.EditValue(System.IServiceProvider, System.Object)** method. If the **System.Drawing.Design.UITypeEditor** does not support this method, then **System.Drawing.Design.UITypeEditor.GetEditStyle** will return **System.Drawing.Design.UITypeEditorEditStyle.None**.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[DropDownFormClassNameEditor Class](#)  
[DropDownFormClassNameEditor Members](#)  
[Overload List](#)

### Properties

>

Name	Description
 <a href="#">IsDropDownResizable</a> (Inherited from System.Drawing.Design.UITypeEditor)	

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## Protected Properties

Name	Description
 <a href="#">BaseFormClassName</a>	Gets the name of the base form class.
 <a href="#">IncludeBaseFormClassInList</a>	Gets a value indicating whether [include base form class in list].
 <a href="#">IncludeNoneInList</a>	Gets a value indicating whether [include none in list].
 <a href="#">NoneString</a>	Gets the none string.

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## See Also

### Reference

[DropDownFormClassNameEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *BaseFormClassName Property*

Gets the name of the base form class.

## Syntax

Visual Basic (Declaration)

<pre>Protected MustOverride ReadOnly Property BaseFormClassName As System.String</pre>
--

C#

```
protected abstract System.string BaseFormClassName {get;}
```

## Property Value

The name of the base form class.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)

[DropDownFormClassNameEditor Members](#)

*IncludeBaseFormClassInList Property*

Gets a value indicating whether [include base form class in list].

## Syntax

Visual Basic (Declaration)

```
Protected Overridable ReadOnly Property IncludeBaseFormClassInList As  
System.Boolean
```

C#

```
protected virtual System.bool IncludeBaseFormClassInList {get;}
```

## Property Value

true if [include base form class in list]; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)  
[DropDownFormClassNameEditor Members](#)

*IncludeNoneInList Property*

Gets a value indicating whether [include none in list].

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable ReadOnly Property IncludeNoneInList As System.Boolean</pre>	
C#	
<pre>protected virtual System.bool IncludeNoneInList {get;}</pre>	

### Property Value

true if [include none in list]; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)  
[DropDownFormClassNameEditor Members](#)

*NoneString Property*

Gets the none string.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

**Protected Overridable ReadOnly Property** NoneString **As System.String**

C#

```
protected virtual System.string NoneString {get;}
```

## Property Value

The none string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownFormClassNameEditor Class](#)

[DropDownFormClassNameEditor Members](#)

[DropDownTypeEditor](#)

## Object Model

[DropDownTypeEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class DropDownTypeEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public class DropDownTypeEditor : System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

System.Object

System.Drawing.Design.UITypeEditor

**C1.Win.C1TrueDBGrid.DropDownTypeEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[DropDownTypeEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class DropDownTypeEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public class DropDownTypeEditor : System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

```
System.Object  
  System.Drawing.Design.UITypeEditor  
    C1.Win.C1TrueDBGrid.DropDownTypeEditor
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

DropDownTypeEditor Members  
C1.Win.C1TrueDBGrid Namespace

### Members

Properties Methods

The following tables list the members exposed by [DropDownTypeEditor](#).

## Public Constructors

	Name	Description
=	<a href="#">DropDownTypeEditor Constructor</a>	

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## Public Properties

	Name	Description
≡	<a href="#">IsDropDownResizable</a>	(Inherited from System.Drawing.Design.UITypeEditor)

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## Public Methods

	Name	Description
=	<a href="#">EditValue</a>	Overloaded. Overridden.
=	<a href="#">GetEditTextStyle</a>	Overloaded. Overridden.
=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)
=	<a href="#">OnListBoxClick</a>	
=	<a href="#">PaintValue</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[DropDownTypeEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*DropDownTypeEditor Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public DropDownTypeEditor()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Class](#)  
[DropDownTypeEditor Members](#)

#### Methods

For a list of all members of this type, see [DropDownTypeEditor members](#).

## Public Methods

	Name	Description
≡	<a href="#">EditValue</a>	Overloaded. Overridden.
≡	<a href="#">GetEditStyle</a>	Overloaded. Overridden.

=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)
=	<a href="#">OnListBoxClick</a>	
=	<a href="#">PaintValue</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[DropDownTypeEditor Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*EditValue Method*

## Overload List

Overload	Description
<a href="#">EditValue(ITypeDescriptorContext,IServiceProvider,Object)</a>	
<a href="#">EditValue(IServiceProvider,Object)</a>	(Inherited from System.Drawing.Design.UITypeEditor)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Class](#)  
[DropDownTypeEditor Members](#)

[EditValue\(ITypeDescriptorContext,IServiceProvider,Object\) Method](#)

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function EditValue( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal provider As System.IServiceProvider, _
    ByVal value As System.Object _
) As System.Object
```

C#

```
public override System.Object EditValue(
    System.ComponentModel.ITypeDescriptorContext context,
    System.IServiceProvider provider,
    System.Object value
)
```

## Parameters

*context*

*provider*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Class](#)

[DropDownTypeEditor Members](#)

[Overload List](#)

*GetEditText Method*

## Overload List

Overload	Description
----------	-------------

<a href="#">GetEditStyle(ITypeDescriptorContext)</a>	
<a href="#">GetEditStyle()</a>	(Inherited from System.Drawing.Design.UITypeEditor)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Class](#)

[DropDownTypeEditor Members](#)

[GetEditStyle\(ITypeDescriptorContext\) Method](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function GetEditStyle( _     ByVal context As System.ComponentModel.ITypeDescriptorContext _  ) As System.Drawing.Design.UITypeEditorEditStyle</pre>	
C#	
<pre>public override System.Drawing.Design.UITypeEditorEditStyle GetEditStyle(     System.ComponentModel.ITypeDescriptorContext context )</pre>	

### Parameters

*context*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[DropDownTypeEditor Class](#)  
[DropDownTypeEditor Members](#)  
[Overload List](#)

*OnListBoxClick Method*

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub OnListBoxClick( _     ByVal sender As System.Object, _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>public void OnListBoxClick(     System.Object sender,     System.EventArgs e )</pre>	

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropDownTypeEditor Class](#)  
[DropDownTypeEditor Members](#)

[DropdownView](#)

## Object Model

DropdownView

## Syntax

Visual Basic (Declaration)

```
Public Class DropdownView  
    Inherits Split
```

C#

```
public class DropdownView : Split
```

## Inheritance Hierarchy

System.Object

```
    C1.Win.C1TrueDBGrid.BaseGrid.View  
    C1.Win.C1TrueDBGrid.Split  
C1.Win.C1TrueDBGrid.DropdownView
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

DropdownView Members

C1.Win.C1TrueDBGrid Namespace

*Overview*

## Object Model

DropdownView

## Syntax

Visual Basic (Declaration)

```
Public Class DropdownView
```

```
    Inherits Split
```

```
C#
```

```
public class DropdownView : Split
```

## Inheritance Hierarchy

System.Object

C1.Win.C1TrueDBGrid.BaseGrid.View

C1.Win.C1TrueDBGrid.Split

**C1.Win.C1TrueDBGrid.DropdownView**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[DropdownView Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [DropdownView](#).

## Public Properties

	Name	Description
	<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
	<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )

 <a href="#">AllowFocus</a>	Gets or sets a value indicating whether the split can receive focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">AllowHorizontalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize horizontal splits. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">AllowVerticalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize vertical splits. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">AlternatingRowStyle</a>	Gets or sets a value indicating whether the split uses the <a href="#">Split.OddRowStyle</a> for odd-numbered rows and <a href="#">Split.EvenRowStyle</a> for even-numbered rows. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
 <a href="#">Caption</a>	Gets or sets the caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">CaptionHeight</a>	Gets or sets the height of the caption. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the caption area. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">ColumnCaptionHeight</a>	Gets or sets the height of the column captions. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )

 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell in a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">DisplayColumns</a>	Gets a collection of <a href="#">C1DisplayColumn</a> objects. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the cell editor within a grid. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FilterActive</a>	Gets or sets a value indicating whether the filter bar has focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the <a href="#">Split.FilterBar</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FilterBorderStyle</a>	Gets or sets the filter border style. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FilterDefinition</a>	Gets or sets an XML string containing the current filter state. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )

 <a href="#">FilterWatermarkStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the <a href="#">C1 DataColumn.FilterWatermark</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row in a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of column footers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the grids column headers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">Height</a>	Gets or sets the height of a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">HighLightRowStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the current row/cell when the <a href="#">Split.MarqueeStyle</a> is set to Highlight Row/Cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">HorizontalOffset</a>	Gets or sets the position of the Horizontal scrollbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">HorizontalScrollGroup</a>	Gets or sets the group which synchronizes horizontal scrolling between splits. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the grids caption when it doesn't have focus. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">LeftCol</a>	Gets or sets the left most visible column for a split. (Inherited from

		<a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">Locked</a>	Gets or sets a value indicating if the cells of a split can be edited. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a Split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">MinHeight</a>	Gets or sets the minimum height that a split can be interactively resized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">MinWidth</a>	Gets or sets the minimum width that a split can be interactively resized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">Name</a>	Gets or sets the name of a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for Split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of the <a href="#">Split.RecordSelectors</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">Rows</a>	Gets the collection of Rows displayed in the Split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Split.Style</a> object that controls the appearance of selected rows and columns. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	

 <a href="#">SplitSize</a>	Gets or sets the size of a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">SplitSizeMode</a>	Gets or sets a value indicating how the <a href="#">Split.SplitSize</a> property is used to determine the actual size of a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">Style</a>	Gets or sets the root <a href="#">Split.Style</a> object for the Split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">VerticalOffset</a>	Gets or sets the position of the Vertical scrollbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">VerticalScrollGroup</a>	Gets or sets the group which synchronizes vertical scrolling between splits. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )

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## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>	Controls the <a href="#">Split.Style</a> used to change the appearance for cells meeting the specified condition. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	
 <a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Split.Style</a> used to change the appearance of cells according to their contents. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )	

=♡	<a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">Split.AddCellStyle</a> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
=♡	<a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous call to the <a href="#">Split.AddCellStyle</a> method. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
=♡	<a href="#">Dispose</a>	Overloaded. Called when the class is being disposed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
=♡	<a href="#">GetCellBounds</a>	Returns the Rectangle for the given Row and Column (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
=♡	<a href="#">ToString</a>	Returns the string that represents the current object. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )

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## Protected Methods

	Name	Description
♡	<a href="#">BeginVerticalResizing</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
♡	<a href="#">DrawFilterCell</a>	Draws the filter cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
♡	<a href="#">filterColumnAt</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
♡	<a href="#">getFilterTextRect</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
♡	<a href="#">NotifyRowColChange</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
♡	<a href="#">OnGetCellRange</a>	Returns the upper and lower bounds for a merged column. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )
♡	<a href="#">ShouldSerializeHeight</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.Split</a> )



[ShouldSerializeRecordSelectorWidth](#)

(Inherited from [C1.Win.C1TrueDBGrid.Split](#))

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## See Also

### Reference

[DropdownView Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

[ErrorEventArgs](#)

Provides data for the [C1TrueDBGrid.Error](#) event.

## Object Model

[ErrorEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class ErrorEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ErrorEventArgs : System.EventArgs
```

## Inheritance Hierarchy

[System.Object](#)

[System.EventArgs](#)

**C1.Win.C1TrueDBGrid.ErrorEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[ErrorEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.Error](#) event.

## Object Model

ErrorEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class ErrorEventArgs  
    Inherits System.EventArgs
```

C#

```
public class ErrorEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object  
System.EventArgs  
**C1.Win.C1TrueDBGrid.ErrorEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ErrorEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Members

### Properties

The following tables list the members exposed by [ErrorEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Continue</a>	True to continue as if no exception was raised.
	<a href="#">Exception</a>	The exception which caused the Event to be raised.
	<a href="#">Handled</a>	True if the exception has been handled.

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## See Also

### Reference

[ErrorEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

For a list of all members of this type, see [ErrorEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Continue</a>	True to continue as if no exception was raised.
	<a href="#">Exception</a>	The exception which caused the Event to be raised.
	<a href="#">Handled</a>	True if the exception has been handled.

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## See Also

### Reference

[ErrorEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Continue Property*

True to continue as if no exception was raised.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("True to continue as if no exception was raised.")>
Public Property Continue As System.Boolean
```

### C#

```
[C1DescriptionAttribute("True to continue as if no exception was raised.")]
public System.bool Continue {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ErrorEventArgs Class](#)

[ErrorEventArgs Members](#)

### *Exception Property*

The exception which caused the Event to be raised.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("The exception which caused the Event to be raised.")>
Public ReadOnly Property Exception As System.Exception
```

### C#

```
[C1DescriptionAttribute("The exception which caused the Event to be raised.")]
public System.Exception Exception {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ErrorEventArgs Class](#)

[ErrorEventArgs Members](#)

*Handled Property*

True if the exception has been handled.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("True if the exception has been handled.")>
Public Property Handled As System.Boolean
```

C#

```
[C1DescriptionAttribute("True if the exception has been handled.")]
public System.bool Handled {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ErrorEventArgs Class](#)

[ErrorEventArgs Members](#)

[FetchCellStyleEventArgs](#)

Provides data for the [C1TrueDBGrid.FetchCellStyle](#) event.

## Object Model

FetchCellStyleEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class FetchCellStyleEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FetchCellStyleEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs**

            C1.Win.C1TrueDBGrid.FetchGroupCellStyleEventArgs

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

FetchCellStyleEventArgs Members

C1.Win.C1TrueDBGrid Namespace

### Overview

Provides data for the [C1TrueDBGrid.FetchCellStyle](#) event.

## Object Model

FetchCellStyleEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class FetchCellStyleEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FetchCellStyleEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs**

[C1.Win.C1TrueDBGrid.FetchGroupCellStyleEventArgs](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [FetchCellStyleEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">CellStyle</a>	The Style used to render the cell.
	<a href="#">Col</a>	The index of the column in the DisplayColumns collection.

 <a href="#">Column</a>	The C1DisplayColumn being rendered.
 <a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered.
 <a href="#">Row</a>	The index of the row for the cell being rendered.
 <a href="#">Split</a>	Indicates the position in the Splits collection.

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## See Also

### Reference

[FetchCellStyleEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

For a list of all members of this type, see [FetchCellStyleEventArgs members](#).

## Public Properties

	Name	Description
 <a href="#">CellStyle</a>	The Style used to render the cell.	
 <a href="#">Col</a>	The index of the column in the DisplayColumns collection.	
 <a href="#">Column</a>	The C1DisplayColumn being rendered.	
 <a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered.	
 <a href="#">Row</a>	The index of the row for the cell being rendered.	
 <a href="#">Split</a>	Indicates the position in the Splits collection.	

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## See Also

### Reference

[FetchCellStyleEventArgs Class](#)  
C1.Win.C1TrueDBGrid Namespace

*CellStyle Property*

The Style used to render the cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property CellStyle As Style</pre>	
C#	
<pre>public Style CellStyle {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Class](#)  
[FetchCellStyleEventArgs Members](#)

*Col Property*

The index of the column in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Col As System.Integer</pre>	
C#	

```
public System.int Col {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Class](#)

[FetchCellStyleEventArgs Members](#)

*Column Property*

The C1DisplayColumn being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Column As C1DisplayColumn</pre>	
C#	
<pre>public C1DisplayColumn Column {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Class](#)

[FetchCellStyleEventArgs Members](#)

*Condition Property*

The sum of one or more [CellStyleFlag](#) constants describing the disposition of the cell being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Condition As CellStyleFlag</pre>	
C#	
<pre>public CellStyleFlag Condition {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Class](#)

[FetchCellStyleEventArgs Members](#)

*Row Property*

The index of the row for the cell being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Row As System.Integer</pre>	
C#	
<pre>public System.int Row {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FetchCellStyleEventArgs Class](#)

[FetchCellStyleEventArgs Members](#)

### *Split Property*

Indicates the position in the Splits collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Split As System.Integer
```

C#

```
public System.int Split {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventArgs Class](#)

[FetchCellStyleEventArgs Members](#)

[FetchCellTipsEventArgs](#)

Provides data for the [C1TrueDBGrid.FetchCellTips](#) event.

## Object Model

[FetchCellTipsEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FetchCellTipsEventArgs
```

`Inherits System.EventArgs`

C#

```
public class FetchCellTipsEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FetchCellTipsEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.FetchCellTips](#) event.

## Object Model

[FetchCellTipsEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FetchCellTipsEventArgs
```

`Inherits System.EventArgs`

C#

```
public class FetchCellTipsEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

### C1.Win.C1TrueDBGrid.FetchCellTipsEventArgs

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [FetchCellTipsEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">CellTip</a>	The text to be displayed in the cell tip.
	<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
	<a href="#">Column</a>	The C1DisplayColumn that this tip is associated with.
	<a href="#">FullyDisplayed</a>	Indicates if the contents of the cell is fully displayed.
	<a href="#">Row</a>	The index of the row for the cell tip.
	<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.
	<a href="#">TipStyle</a>	The Style used to render the cell tip.

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## See Also

### Reference

[FetchCellTipsEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

>

Name	Description
 <a href="#">CellTip</a>	The text to be displayed in the cell tip.
 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	The C1DisplayColumn that this tip is associated with.
 <a href="#">FullyDisplayed</a>	Indicates if the contents of the cell is fully displayed.
 <a href="#">Row</a>	The index of the row for the cell tip.
 <a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.
 <a href="#">TipStyle</a>	The Style used to render the cell tip.

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## See Also

### Reference

[FetchCellTipsEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *CellTip Property*

The text to be displayed in the cell tip.

## Syntax

Visual Basic (Declaration)

```
Public Property CellTip As System.String
```

C#

```
public System.string CellTip {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)

[FetchCellTipsEventArgs Members](#)

*ColIndex Property*

Indicates the position in the `DisplayColumns` collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property ColIndex As System.Integer
```

C#

```
public System.int ColIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)

[FetchCellTipsEventArgs Members](#)

*Column Property*

The `C1DisplayColumn` that this tip is associated with.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Column As C1DisplayColumn</pre>	
C#	
<pre>public C1DisplayColumn Column {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)

[FetchCellTipsEventArgs Members](#)

*FullyDisplayed Property*

Indicates if the contents of the cell is fully displayed.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property FullyDisplayed As System.Boolean</pre>	
C#	
<pre>public System.bool FullyDisplayed {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FetchCellTipsEventArgs Class](#)  
[FetchCellTipsEventArgs Members](#)

### *Row Property*

The index of the row for the cell tip.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Row As System.Integer
```

C#

```
public System.int Row {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)  
[FetchCellTipsEventArgs Members](#)

### *SplitIndex Property*

Indicates the position of the Split in the Splits collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property SplitIndex As System.Integer
```

C#

```
public System.int SplitIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)

[FetchCellTipsEventArgs Members](#)

*TipStyle Property*

The Style used to render the cell tip.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property TipStyle As Style</pre>	
C#	
<pre>public Style TipStyle {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellTipsEventArgs Class](#)

[FetchCellTipsEventArgs Members](#)

[FetchGroupCellStyleEventArgs](#)

Provides data for the [C1TrueDBGrid.FetchCellStyle](#) event.

## Object Model

[FetchGroupCellStyleEventArgs](#)

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Class FetchGroupCellStyleEventArgs  
    Inherits FetchCellStyleEventArgs
```

C#	
----	--

```
public class FetchGroupCellStyleEventArgs : FetchCellStyleEventArgs
```

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs  
      **C1.Win.C1TrueDBGrid.FetchGroupCellStyleEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchGroupCellStyleEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.FetchCellStyle](#) event.

## Object Model

FetchGroupCellStyleEventArgs

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<b>Public Class</b> FetchGroupCellStyleEventArgs <b>Inherits</b> FetchCellStyleEventArgs	
C#	
<b>public class</b> FetchGroupCellStyleEventArgs : FetchCellStyleEventArgs	

## Inheritance Hierarchy

```
System.Object
  System.EventArgs
    C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs
      C1.Win.C1TrueDBGrid.FetchGroupCellStyleEventArgs
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchGroupCellStyleEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [FetchGroupCellStyleEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">CellStyle</a>	The Style used to render the cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
	<a href="#">Col</a>	The index of the column in the DisplayColumns collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )

 <a href="#">Column</a>	The C1DisplayColumn being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">EndRowIndex</a>	Last row index that is being grouped.
 <a href="#">GroupText</a>	Value that the data is being grouped on.
 <a href="#">Row</a>	The index of the row for the cell being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">Split</a>	Indicates the position in the Splits collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">StartRowIndex</a>	First row index that is being grouped.

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## See Also

### Reference

[FetchGroupCellStyleEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

>

Name	Description
 <a href="#">CellStyle</a>	The Style used to render the cell. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">Col</a>	The index of the column in the DisplayColumns collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )

 <a href="#">Column</a>	The C1DisplayColumn being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">Condition</a>	The sum of one or more <a href="#">CellStyleFlag</a> constants describing the disposition of the cell being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">EndRowIndex</a>	Last row index that is being grouped.
 <a href="#">GroupText</a>	Value that the data is being grouped on.
 <a href="#">Row</a>	The index of the row for the cell being rendered. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">Split</a>	Indicates the position in the Splits collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs</a> )
 <a href="#">StartRowIndex</a>	First row index that is being grouped.

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## See Also

### Reference

[FetchGroupCellStyleEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*EndRowIndex Property*

Last row index that is being grouped.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Last row index that is being grouped.")>	
<pre>Public ReadOnly Property EndRowIndex As System.Integer</pre>	
C#	
<pre>[C1DescriptionAttribute("Last row index that is being grouped.")]</pre>	
<pre>public System.int EndRowIndex {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchGroupCellStyleEventArgs Class](#)  
[FetchGroupCellStyleEventArgs Members](#)

*GroupText Property*

Value that the data is being grouped on.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Value that the data is being grouped on.")>
Public ReadOnly Property GroupText As System.String
```

C#

```
[C1DescriptionAttribute("Value that the data is being grouped on.")]
public System.string GroupText {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchGroupCellStyleEventArgs Class](#)  
[FetchGroupCellStyleEventArgs Members](#)

*StartRowIndex Property*

First row index that is being grouped.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1DescriptionAttribute("First row index that is being grouped.")>
Public ReadOnly Property StartRowIndex As System.Integer
```

C#	
----	--

```
[C1DescriptionAttribute("First row index that is being grouped.")]
public System.int StartRowIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchGroupCellStyleEventArgs Class](#)

[FetchGroupCellStyleEventArgs Members](#)

[FetchRowStyleEventArgs](#)

Provides data for the [FetchRowStyle](#) event.

## Object Model

[FetchRowStyleEventArgs](#)

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Class FetchRowStyleEventArgs
    Inherits System.EventArgs
```

C#	
----	--

```
public class FetchRowStyleEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchRowStyleEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [FetchRowStyle](#) event.

## Object Model

FetchRowStyleEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class FetchRowStyleEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FetchRowStyleEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FetchRowStyleEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchRowStyleEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [FetchRowStyleEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">CellStyle</a>	The Style used to render the row.
	<a href="#">Row</a>	The index of the row for the cell being rendered.
	<a href="#">Split</a>	Indicates the position in the Splits collection.

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## See Also

### Reference

[FetchRowStyleEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

For a list of all members of this type, see [FetchRowStyleEventArgs members](#).

## Public Properties

	Name	Description
--	------	-------------

 <a href="#">CellStyle</a>	The Style used to render the row.
 <a href="#">Row</a>	The index of the row for the cell being rendered.
 <a href="#">Split</a>	Indicates the position in the Splits collection.

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## See Also

### Reference

[FetchRowStyleEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *CellStyle Property*

The Style used to render the row.

## Syntax

Visual Basic (Declaration)	
<code>Public ReadOnly Property CellStyle As Style</code>	
C#	
<code>public Style CellStyle {get;}</code>	

<code>public Style CellStyle {get;}</code>	
--	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchRowStyleEventArgs Class](#)  
[FetchRowStyleEventArgs Members](#)

#### *Row Property*

The index of the row for the cell being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Row As System.Integer</pre>	
C#	
<pre>public System.int Row {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchRowStyleEventArgs Class](#)

[FetchRowStyleEventArgs Members](#)

*Split Property*

Indicates the position in the Splits collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Split As System.Integer</pre>	
C#	
<pre>public System.int Split {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FetchRowStyleEventArgs Class](#)

[FetchRowStyleEventArgs Members](#)

[FetchScrollTipsEventArgs](#)

Provides data for the [C1TrueDBGrid.FetchScrollTips](#) event.

## Object Model

[FetchScrollTipsEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FetchScrollTipsEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FetchScrollTipsEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FetchScrollTipsEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

Provides data for the [C1TrueDBGrid.FetchScrollTips](#) event.

# Object Model

FetchScrollTipsEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class FetchScrollTipsEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FetchScrollTipsEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object  
System.EventArgs  
**C1.Win.C1TrueDBGrid.FetchScrollTipsEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [FetchScrollTipsEventArgs](#).

## Public Properties

	Name	Description

 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	The current C1DisplayColumn.
 <a href="#">Row</a>	The index of the topmost row for the scroll tip.
 <a href="#">ScrollBar</a>	Indicates the scrollbar that was moved.
 <a href="#">ScrollTip</a>	The text to be displayed in the scroll tip.
 <a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.
 <a href="#">TipStyle</a>	The Style used to render the scroll tip.

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## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

>

Name	Description
 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">Column</a>	The current C1DisplayColumn.
 <a href="#">Row</a>	The index of the topmost row for the scroll tip.
 <a href="#">ScrollBar</a>	Indicates the scrollbar that was moved.
 <a href="#">ScrollTip</a>	The text to be displayed in the scroll tip.
 <a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.
 <a href="#">TipStyle</a>	The Style used to render the scroll tip.

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## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ColIndex Property*

Indicates the position in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property ColIndex As System.Integer
```

C#

```
public System.int ColIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)  
[FetchScrollTipsEventArgs Members](#)

*Column Property*

The current C1DisplayColumn.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)

[FetchScrollTipsEventArgs Members](#)

*Row Property*

The index of the topmost row for the scroll tip.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Row As System.Integer
```

C#

```
public System.int Row {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)

[FetchScrollTipsEventArgs Members](#)

*ScrollBar Property*

Indicates the scrollbar that was moved.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property ScrollBar As ScrollBarEnum</pre>	
C#	
<pre>public ScrollBarEnum ScrollBar {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)  
[FetchScrollTipsEventArgs Members](#)

#### *ScrollTip Property*

The text to be displayed in the scroll tip.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property ScrollTip As System.String</pre>	
C#	
<pre>public System.string ScrollTip {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FetchScrollTipsEventArgs Class](#)

[FetchScrollTipsEventArgs Members](#)

### *SplitIndex Property*

Indicates the position of the Split in the Splits collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property SplitIndex As System.Integer
```

C#

```
public System.int SplitIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)

[FetchScrollTipsEventArgs Members](#)

### *TipStyle Property*

The Style used to render the scroll tip.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property TipStyle As Style
```

C#

```
public Style TipStyle {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventArgs Class](#)

[FetchScrollTipsEventArgs Members](#)

[FilterEventArgs](#)

Provides data for the [C1TrueDBGrid.Filter](#), [C1TrueDBGrid.AfterFilter](#), [C1TrueDBGrid.Sort](#), and [C1TrueDBGrid.AfterSort](#)

## Object Model

FilterEventArgs

### Syntax

Visual Basic (Declaration)

```
Public Class FilterEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FilterEventArgs : System.EventArgs
```

### Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FilterEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FilterEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.Filter](#), [C1TrueDBGrid.AfterFilter](#), [C1TrueDBGrid.Sort](#), and [C1TrueDBGrid.AfterSort](#)

## Object Model

FilterEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class FilterEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FilterEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.FilterEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FilterEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## *Members*

### [Properties](#)

The following tables list the members exposed by [FilterEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Condition</a>	The filter or sort condition.

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## See Also

### Reference

[FilterEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Properties*

For a list of all members of this type, see [FilterEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Condition</a>	The filter or sort condition.

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## See Also

### Reference

[FilterEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Condition Property*

The filter or sort condition.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Condition As System.String
```

C#

```
public System.string Condition {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FilterEventArgs Class](#)

[FilterEventArgs Members](#)

[FindTypeByName](#)

## Object Model

[FindTypeByName](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FindTypeByName
```

C#

```
public class FindTypeByName
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.FindTypeByName**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FindTypeByName Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[FindTypeByName](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FindTypeByName
```

C#

```
public class FindTypeByName
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.FindTypeByName**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FindTypeByName Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## *Members*

### [Methods](#)

The following tables list the members exposed by [FindTypeByName](#).

## Public Constructors

	Name	Description
=  <a href="#">FindTypeByName Constructor</a>		

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## Public Methods

	Name	Description
=  <a href="#">S</a> <a href="#">Find</a>		Finds the specified type name.

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## See Also

### Reference

[FindTypeByName Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*FindTypeByName Constructor*

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public FindTypeByName()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FindTypeByName Class](#)

[FindTypeByName Members](#)

### Methods

>

Name	Description
 <b>Find</b>	Finds the specified type name.

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## See Also

### Reference

[FindTypeByName Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Find Method

Name of the type.

Finds the specified type name.

## Syntax

Visual Basic (Declaration)

```
Public Shared Function Find( _
    ByVal typeName As System.String _
) As System.Type
```

C#

```
public static System.Type Find(
    System.string typeName
```

)

## Parameters

*typeName*

Name of the type.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FindTypeByName Class](#)

[FindTypeByName Members](#)

[FormatTextEventArgs](#)

Provides data for the FromatText event.

## Object Model

[FormatTextEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FormatTextEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FormatTextEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.FormatTextEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the FormatText event.

## Object Model

[FormatTextEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class FormatTextEventArgs  
    Inherits System.EventArgs
```

C#

```
public class FormatTextEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.FormatTextEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*  
*Properties*

The following tables list the members exposed by [FormatTextEventArgs](#).

### Public Properties

	Name	Description
	<a href="#">ColIndex</a>	Indicates the position in the Columns collection.
	<a href="#">Column</a>	The <a href="#">C1DataColumn</a> object.
	<a href="#">Row</a>	The row index for the cell to be formatted.
	<a href="#">Value</a>	The value to format.

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## See Also

### Reference

[FormatTextEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

For a list of all members of this type, see [FormatTextEventArgs members](#).

### Public Properties

	Name	Description
	<a href="#">ColIndex</a>	Indicates the position in the Columns collection.

 Column	The <a href="#">C1DataColumn</a> object.
 Row	The row index for the cell to be formatted.
 Value	The value to format.

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## See Also

### Reference

[FormatTextEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ColIndex Property*

Indicates the position in the Columns collection.

## Syntax

Visual Basic (Declaration)	
<code>Public ReadOnly Property ColIndex As System.Integer</code>	
C#	
<code>public System.int ColIndex {get;}</code>	

<code>public System.int ColIndex {get;}</code>	
--	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventArgs Class](#)  
[FormatTextEventArgs Members](#)

*Column Property*

The [C1DataColumn](#) object.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Column As C1DataColumn</pre>	
C#	
<pre>public C1DataColumn Column {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventArgs Class](#)

[FormatTextEventArgs Members](#)

### *Row Property*

The row index for the cell to be formatted.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Row As System.Integer</pre>	
C#	
<pre>public System.int Row {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FormatTextEventArgs Class](#)

[FormatTextEventArgs Members](#)

*Value Property*

The value to format.

## Syntax

Visual Basic (Declaration)

```
Public Property Value As System.String
```

C#

```
public System.String Value {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventArgs Class](#)

[FormatTextEventArgs Members](#)

[GenericTypeConverter](#)

Expandable object converter that doesn't handle strings.

## Object Model

[GenericTypeConverter](#)

## Syntax

Visual Basic (Declaration)

```
Public Class GenericTypeConverter
```

`Inherits System.ComponentModel.ExpandableObjectConverter`

C#

```
public class GenericTypeConverter :  
System.ComponentModel.ExpandableObjectConverter
```

## Inheritance Hierarchy

System.Object  
  System.ComponentModel.TypeConverter  
    System.ComponentModel.ExpandableObjectConverter  
      **C1.Win.C1TrueDBGrid.GenericTypeConverter**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Expandable object converter that doesn't handle strings.

## Object Model

[GenericTypeConverter](#)

## Syntax

Visual Basic (Declaration)

```
Public Class GenericTypeConverter  
  Inherits System.ComponentModel.ExpandableObjectConverter
```

C#

```
public class GenericTypeConverter :  
System.ComponentModel.ExpandableObjectConverter
```

## Inheritance Hierarchy

System.Object  
  System.ComponentModel.TypeConverter  
    System.ComponentModel.ExpandableObjectConverter  
**C1.Win.C1TrueDBGrid.GenericTypeConverter**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Members*

#### *Methods*

The following tables list the members exposed by [GenericTypeConverter](#).

## Public Constructors

	Name	Description
=	<a href="#">GenericTypeConverter Constructor</a>	

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## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert an object of one type to the type of this

		converter.
≡	<a href="#">CanConvertTo</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert the object to the specified type.
≡	<a href="#">ConvertFrom</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">ConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
≡	<a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
≡	<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)

= 	<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
= 	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[GenericTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*GenericTypeConverter Constructor*

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	

C#

```
public GenericTypeConverter()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Class](#)

[GenericTypeConverter Members](#)

#### Methods

For a list of all members of this type, see [GenericTypeConverter members](#).

## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.
=	<a href="#">CanConvertTo</a>	Overloaded. Overridden. Overloaded. Returns whether this converter can convert the object to the specified type.
=	<a href="#">ConvertFrom</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

<a href="#">ConvertTo</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[GenericTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *CanConvertFrom Method*

Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.

## Overload List

Overload	Description
<a href="#">CanConvertFrom(ITypeDescriptorContext,Type)</a>	Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.
<a href="#">CanConvertFrom(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[GenericTypeConverter Class](#)

[GenericTypeConverter Members](#)

`CanConvertFrom(ITypeDescriptorContext, Type)` Method

Overloaded. Returns whether this converter can convert an object of one type to the type of this converter.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function CanConvertFrom( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal sourceType As System.Type _ ) As System.Boolean</pre>	
C#	
<pre>public override System.bool CanConvertFrom(     System.ComponentModel.ITypeDescriptorContext context,     System.Type sourceType )</pre>	

### Parameters

*context*

*sourceType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Class](#)

[GenericTypeConverter Members](#)

[Overload List](#)

### *CanConvertTo Method*

Overloaded. Returns whether this converter can convert the object to the specified type.

## Overload List

Overload	Description
<a href="#">CanConvertTo(ITypeDescriptorContext,Type)</a>	Overloaded. Returns whether this converter can convert the object to the specified type.
<a href="#">CanConvertTo(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Class](#)

[GenericTypeConverter Members](#)

### *CanConvertTo(ITypeDescriptorContext,Type) Method*

Overloaded. Returns whether this converter can convert the object to the specified type.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function CanConvertTo( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal type As System.Type _ ) As System.Boolean</pre>	
C#	
<pre>public override System.bool CanConvertTo(</pre>	

```
        System.ComponentModel.ITypeDescriptorContext context,
        System.Type type
    )
```

## Parameters

*context*

*type*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GenericTypeConverter Class](#)  
[GenericTypeConverter Members](#)  
[Overload List](#)

GridBorders

Represents the border in a [Style](#)

## Object Model

GridBorders

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class GridBorders
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
```

```
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class GridBorders
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.GridBorders**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents the border in a [Style](#)

## Object Model

GridBorders

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class GridBorders
```

### C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
```

```
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class GridBorders
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.GridBorders**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#)

The following tables list the members exposed by [GridBorders](#).

## Public Properties

	Name	Description
	<a href="#">BorderType</a>	Gets or sets the type of border.
	<a href="#">Bottom</a>	Gets or sets the width of the bottom border.
	<a href="#">Color</a>	Gets or sets the color of the border.
	<a href="#">Left</a>	Gets or sets the width of the left border.
	<a href="#">Right</a>	Gets or sets the width of the right border.
	<a href="#">Top</a>	Gets or sets the width of the top border.

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## See Also

### Reference

[GridBorders Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

For a list of all members of this type, see [GridBorders members](#).

## Public Properties

	Name	Description
	<a href="#">BorderType</a>	Gets or sets the type of border.
	<a href="#">Bottom</a>	Gets or sets the width of the bottom border.
	<a href="#">Color</a>	Gets or sets the color of the border.
	<a href="#">Left</a>	Gets or sets the width of the left border.
	<a href="#">Right</a>	Gets or sets the width of the right border.
	<a href="#">Top</a>	Gets or sets the width of the top border.

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## See Also

### Reference

[GridBorders Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *BorderType Property*

Gets or sets the type of border.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the type of border.")>
Public Property BorderType As BorderTypeEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the type of border.")]
public BorderTypeEnum BorderType {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

*Bottom Property*

Gets or sets the width of the bottom border.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the width of the bottom border.")>
Public Property Bottom As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the width of the bottom border.")]
public System.int Bottom {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

#### *Color Property*

Gets or sets the color of the border.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the color of the border.")>
Public Property Color As System.Drawing.Color
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the color of the border.")]
public System.Drawing.Color Color {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

#### *Left Property*

Gets or sets the width of the left border.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the width of the left border.")>
```

```
Public Property Left As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the width of the left border.")]
```

```
public System.int Left {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

*Right Property*

Gets or sets the width of the right border.

## Syntax

```
Visual Basic (Declaration)
```

```
<C1DescriptionAttribute("Sets or retrieves the width of the right border.")>
```

```
Public Property Right As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the width of the right border.")]
```

```
public System.int Right {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

### *Top Property*

Gets or sets the width of the top border.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the width of the top border.")>
Public Property Top As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the width of the top border.")]
public System.int Top {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridBorders Class](#)

[GridBorders Members](#)

[GridRenderer](#)

Base class for the grid renderers.

## Object Model

[GridRenderer](#)

## Syntax

Visual Basic (Declaration)

```
Public MustInherit Class GridRenderer
```

C#

```
public abstract class GridRenderer
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.GridRenderer**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Base class for the grid renderers.

## Object Model

GridRenderer

## Syntax

Visual Basic (Declaration)

```
Public MustInherit Class GridRenderer
```

C#

```
public abstract class GridRenderer
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.GridRenderer**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Methods](#)

The following tables list the members exposed by [GridRenderer](#).

## Public Methods

	Name	Description
=	<a href="#">GetBackgroundBrush</a>	Gets the background brush.
=	<a href="#">GetBorderPen</a>	Gets the border pen.
=	<a href="#">OnDrawCell</a>	
=	<a href="#">StyleHasCustomBackground</a>	Styles the has custom background.
=	<a href="#">StyleHasCustomBorder</a>	Styles the has custom border.
=	<a href="#">StyleHasRightBorder</a>	

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## See Also

### Reference

[GridRenderer Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## Methods

For a list of all members of this type, see [GridRenderer members](#).

## Public Methods

	Name	Description
=	<a href="#">GetBackgroundBrush</a>	Gets the background brush.
=	<a href="#">GetBorderPen</a>	Gets the border pen.
=	<a href="#">OnDrawCell</a>	
=	<a href="#">StyleHasCustomBackground</a>	Styles the has custom background.
=	<a href="#">StyleHasCustomBorder</a>	Styles the has custom border.
=	<a href="#">StyleHasRightBorder</a>	

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## See Also

### Reference

[GridRenderer Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*GetBackgroundBrush Method*

The grid.

Type of the cell.

The r.

Gets the background brush.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overridable Function GetBackgroundBrush( _</pre>	

```
    ByVal grid As Frame, _
    ByVal cellType As GridRenderer.CellType, _
    ByVal r As System.Drawing.Rectangle _
) As System.Drawing.Brush
```

C#

```
public virtual System.Drawing.Brush GetBackgroundBrush(
    Frame grid,
    GridRenderer.CellType cellType,
    System.Drawing.Rectangle r
)
```

## Parameters

*grid*

The grid.

*cellType*

Type of the cell.

*r*

The *r*.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)  
[GridRenderer Members](#)

*GetBorderPen Method*

Type of the cell.

Gets the border pen.

## Syntax

Visual Basic (Declaration)

```
Public Overridable Function GetBorderPen( _
    ByVal cellType As GridRenderer.CellType _ 
) As System.Drawing.Pen
```

C#

```
public virtual System.Drawing.Pen GetBorderPen(
    GridRenderer.CellType cellType
)
```

## Parameters

*cellType*

Type of the cell.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)

[GridRenderer Members](#)

*OnDrawCell Method*

## Syntax

Visual Basic (Declaration)

```
Public Overridable Sub OnDrawCell( _
    ByVal grid As Frame, _
    ByVal e As OwnerDrawCellEventArgs, _
    ByVal cellType As GridRenderer.CellType _ 
)
```

C#

```
public virtual void OnDrawCell(
    Frame grid,
    OwnerDrawCellEventArgs e,
    GridRenderer.CellType cellType
)
```

## Parameters

*grid*

*e*

*cellType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)  
[GridRenderer Members](#)

*StyleHasCustomBackground Method*

The style.

Styles the has custom background.

## Syntax

Visual Basic (Declaration)

```
Public Function StyleHasCustomBackground( _
    ByVal style As Style _ 
) As System.Boolean
```

C#

```
public System.bool StyleHasCustomBackground(
    Style style
```

)

## Parameters

*style*

The style.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)

[GridRenderer Members](#)

*StyleHasCustomBorder Method*

The style.

Styles the has custom border.

## Syntax

Visual Basic (Declaration)

```
Public Function StyleHasCustomBorder( _
    ByVal style As Style _ 
) As System.Boolean
```

C#

```
public System.bool StyleHasCustomBorder(
    Style style
)
```

## Parameters

*style*

The style.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)

[GridRenderer Members](#)

*StyleHasRightBorder Method*

## Syntax

Visual Basic (Declaration)

```
Public Function StyleHasRightBorder( _
    ByVal style As Style _ 
) As System.Boolean
```

C#

```
public System.bool StyleHasRightBorder(
    Style style
)
```

### Parameters

*style*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridRenderer Class](#)

[GridRenderer Members](#)

## GridStyleCollection

Represents a collection of named [Style](#).

## Object Model

GridStyleCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridStyleEditor,
C1.Win.C1TrueDBGrid.4.Design")>
Public Class GridStyleCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridStyleEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class GridStyleCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.GridStyleCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a collection of named [Style](#).

## Object Model

GridStyleCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridStyleEditor,
    C1.Win.C1TrueDBGrid.4.Design")>
Public Class GridStyleCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Designer.GridStyleEditor,
    C1.Win.C1TrueDBGrid.4.Design")]
public class GridStyleCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object  
System.Collections.CollectionBase  
**C1.Win.C1TrueDBGrid.GridStyleCollection**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [GridStyleCollection](#).

## Public Constructors

	Name	Description
=	<a href="#">GridStyleCollection Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified Style from the collection given its index.

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## Protected Properties

	Name	Description
--	------	-------------

 <a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
 <a href="#">Add</a>	Adds a <a href="#">Style</a> to the end of the collection.	
 <a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">IndexOf</a>	Gets the index of the specified <a href="#">Style</a> .	
 <a href="#">Insert</a>	Inserts a <a href="#">Style</a> at the specified index.	
 <a href="#">RemoveAt</a>	Removes the <a href="#">Style</a> at the specified index.	

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## Protected Methods

	Name	Description
 <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsert</a>	Overridden.	
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)	

 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[GridStyleCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*GridStyleCollection Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal owner As Frame _) </pre>	
C#	
<pre>public GridStyleCollection(     Frame owner ) </pre>	

<pre>public GridStyleCollection(     Frame owner ) </pre>	
---	--

### Parameters

*owner*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)

[GridStyleCollection Members](#)

#### Methods

For a list of all members of this type, see [GridStyleCollection members](#).

## Public Methods

	Name	Description
=	<a href="#">Add</a>	Adds a <a href="#">Style</a> to the end of the collection.
=	<a href="#">Clear</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=	<a href="#">GetEnumerator</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=	<a href="#">IndexOf</a>	Gets the index of the specified <a href="#">Style</a> .
=	<a href="#">Insert</a>	Inserts a <a href="#">Style</a> at the specified index.
=	<a href="#">RemoveAt</a>	Removes the <a href="#">Style</a> at the specified index.

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## Protected Methods

	Name	Description
!	<a href="#">OnClear</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
!	<a href="#">OnClearComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
!	<a href="#">OnInsert</a>	Overridden.

 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[GridStyleCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Add Method

The Style to add.

Adds a [Style](#) to the end of the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function Add( _     ByVal style As Style _ ) As System.Integer</pre>	
C#	
<pre>public System.int Add(     Style style )</pre>	

<pre>Public Function Add( _     ByVal style As Style _ ) As System.Integer</pre>	
C#	
<pre>public System.int Add(     Style style )</pre>	

<pre>public System.int Add(     Style style )</pre>	
---	--

### Parameters

*style*

The Style to add.

## Return Value

The index at which the [Style](#) has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)

[GridStyleCollection Members](#)

*IndexOf Method*

Gets the index of the specified [Style](#).

## Syntax

Visual Basic (Declaration)

```
Public Function IndexOf( _
    ByVal style As Style _ 
) As System.Integer
```

C#

```
public System.int IndexOf(
    Style style
)
```

### Parameters

*style*

## Return Value

The index of the Style.

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)

#### *Insert Method*

The zero-based index at which the Style should be inserted.

The Style to insert.

Inserts a [Style](#) at the specified index.

## Syntax

### Visual Basic (Declaration)

```
Public Sub Insert( _
    ByVal index As System.Integer, _
    ByVal style As Style _
)
```

### C#

```
public void Insert(
    System.int index,
    Style style
)
```

### Parameters

#### *index*

The zero-based index at which the Style should be inserted.

#### *style*

The Style to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)

*OnInsert Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnInsert( _
    ByVal index As System.Integer, _
    ByVal value As System.Object _
)
```

C#

```
protected override void OnInsert(
    System.int index,
    System.object value
)
```

### Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)

### *RemoveAt Method*

Teh zero-based index of the Style to remove.

Removes the [Style](#) at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Shadows Sub RemoveAt( _  
    ByVal index As System.Integer _  
)
```

C#

```
public new void RemoveAt(  
    System.int index  
)
```

### Parameters

*index*

Teh zero-based index of the Style to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)

### *Properties*

For a list of all members of this type, see [GridStyleCollection members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified Style from the collection given its index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[GridStyleCollection Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Item Property*

Gets the specified Style from the collection given its index.

## Overload List

Overload	Description
<a href="#">Item(Int32)</a>	Gets the specified Style from the collection given its index.
<a href="#">Item(String)</a>	Gets the specified Style from the collection given its name.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)

[GridStyleCollection Members](#)

`Item(Int32)` Property

Gets the specified Style from the collection given its index.

## Syntax

Visual Basic (Declaration)

```
Public Overloads ReadOnly Property Item( _
    ByVal index As System.Integer _
) As Style
```

C#

```
public Style Item(
    System.int index
) {get;}
```

### Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)  
[Overload List](#)

[Item\(String\) Property](#)  
Gets the specified Style from the collection given its name.

## Syntax

Visual Basic (Declaration)

```
Public Overloads ReadOnly Property Item( _
    ByVal name As System.String _
) As Style
```

C#

```
public Style Item(
    System.string name
) {get;}
```

### Parameters

*name*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridStyleCollection Class](#)  
[GridStyleCollection Members](#)  
[Overload List](#)

[GroupColEventArgs](#)  
Provides data for the [C1TrueDBGrid.GroupHeadClick](#) event.

## Object Model

GroupColEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class GroupColEventArgs  
    Inherits System.EventArgs
```

C#

```
public class GroupColEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.GroupColEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.GroupHeadClick](#) event.

## Object Model

GroupColEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class GroupColEventArgs
```

```
    Inherits System.EventArgs
```

```
C#
```

```
public class GroupColEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.GroupColEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [GroupColEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
	<a href="#">DataColumn</a>	The C1 DataColumn that was clicked.

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## See Also

### Reference

[GroupColEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

>

Name	Description
 <a href="#">ColIndex</a>	Indicates the position in the DisplayColumns collection.
 <a href="#">DataColumn</a>	The C1DataTable that was clicked.

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## See Also

### Reference

[GroupColEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ColIndex Property*

Indicates the position in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property ColIndex As System.Integer
```

C#

```
public System.int ColIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [GroupColEventArgs Class](#)

### [GroupColEventArgs Members](#)

#### *DataColumn Property*

The C1DataColumn that was clicked.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property DataColumn As C1DataColumn</pre>	
C#	
<pre>public C1DataColumn DataColumn {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [GroupColEventArgs Class](#)

#### [GroupColEventArgs Members](#)

#### [GroupColMoveEventArgs](#)

Provides data for the [C1TrueDBGrid.GroupColMove](#) event.

## Object Model

### GroupColMoveEventArgs

## Syntax

Visual Basic (Declaration)	
<pre>Public Class GroupColMoveEventArgs</pre>	
<pre>    Inherits ColMoveEventArgs</pre>	

C#

```
public class GroupColMoveEventArgs : ColMoveEventArgs
```

## Inheritance Hierarchy

System.Object

  System.EventArgs

[C1.Win.C1TrueDBGrid.ColMoveEventArgs](#)

**C1.Win.C1TrueDBGrid.GroupColMoveEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColMoveEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.GroupColMove](#) event.

## Object Model

[GroupColMoveEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class GroupColMoveEventArgs  
    Inherits ColMoveEventArgs
```

C#

```
public class GroupColMoveEventArgs : ColMoveEventArgs
```

## Inheritance Hierarchy

System.Object  
System.EventArgs  
[C1.Win.C1TrueDBGrid.ColMoveEventArgs](#)  
**C1.Win.C1TrueDBGrid.GroupColMoveEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColMoveEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#)

The following tables list the members exposed by [GroupColMoveEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
	<a href="#">ColIndex</a>	Indicates the starting position in the DisplayColumns collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
	<a href="#">Column</a>	Gets the C1DisplayColumn that is being moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
	<a href="#">DataColumn</a>	The C1DataTable for the column being moved.
	<a href="#">Position</a>	Indicates the target index of the column being moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )

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## See Also

### Reference

[GroupColMoveEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Properties

>

Name	Description
 <a href="#">Cancel</a>	Gets or sets a value indicating that the action should not be performed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
 <a href="#">ColIndex</a>	Indicates the starting position in the DisplayColumns collection. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
 <a href="#">Column</a>	Gets the C1DisplayColumn that is being moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )
 <a href="#">DataColumn</a>	The C1 DataColumn for the column being moved.
 <a href="#">Position</a>	Indicates the target index of the column being moved. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.ColMoveEventArgs</a> )

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## See Also

### Reference

[GroupColMoveEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### DataColumn Property

The C1 DataColumn for the column being moved.

## Syntax

Visual Basic (Declaration)

Public ReadOnly Property DataColumn As C1DataColumn	
C#	
<pre>public C1DataColumn DataColumn {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColMoveEventArgs Class](#)  
[GroupColMoveEventArgs Members](#)

### GroupedColumnCollection

Contains a collection of [C1DataColumn](#) objects that represent columns that are grouped.

## Object Model

GroupedColumnCollection

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design .UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="C1.Win.C1TrueDBGrid.Design.C1GroupedColumnCollectionEditor, C1.Win.C1TrueDBGrid.4.Design")&gt; Public Class GroupedColumnCollection     Inherits C1DataColumnCollection</pre>	
C#	
<pre>[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design .UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,</pre>	

```
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.C1GroupedColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class GroupedColumnCollection : C1 DataColumnCollection
```

## Inheritance Hierarchy

```
System.Object
  System.Collections.CollectionBase
    C1.Win.C1TrueDBGrid.C1DataColumnCollection
      C1.Win.C1TrueDBGrid.GroupedColumnCollection
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Contains a collection of [C1DataColumn](#) objects that represent columns that are grouped.

## Object Model

GroupedColumnCollection

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.C1GroupedColumnCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
Public Class GroupedColumnCollection
```

Inherits C1DataColumnCollection

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.C1GroupedColumnCollectionEditor,  
C1.Win.C1TrueDBGrid.4.Design")]  
public class GroupedColumnCollection : C1DataColumnCollection
```

## Inheritance Hierarchy

```
System.Object  
  System.Collections.CollectionBase  
    C1.Win.C1TrueDBGrid.C1DataColumnCollection  
C1.Win.C1TrueDBGrid.GroupedColumnCollection
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [GroupedColumnCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)

	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified C1 DataColumn from the collection at the specified index. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Add</a>	Overridden. Adds a C1 DataColumn to the end of the collection.
	<a href="#">Clear</a>	Removes all elements from the collection.
	<a href="#">Exchange</a>	Exchanges the C1 DataColumn objects at the specified index.
	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">IndexOf</a>	Overloaded. Gets the index of the specified C1 DataColumn. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )
	<a href="#">Insert</a>	Overridden. Inserts a C1 DataColumn at the specified index.
	<a href="#">RemoveAt</a>	Removes the C1 DataColumn at the specified index.

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## Protected Methods

	Name	Description
⌚	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnInsert</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumnCollection</a> )
⌚	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[GroupedColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

>

Name	Description
<a href="#">Add</a>	Overridden. Adds a C1DataColumn to the end of the collection.
<a href="#">Clear</a>	Removes all elements from the collection.

 <a href="#">Exchange</a>	Exchanges the C1 DataColumn objects at the specified index.
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">IndexOf</a>	Overloaded. Gets the index of the specified <a href="#">C1 DataColumn</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )
 <a href="#">Insert</a>	Overridden. Inserts a <a href="#">C1 DataColumn</a> at the specified index.
 <a href="#">RemoveAt</a>	Removes the C1 DataColumn at the specified index.

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## Protected Methods

Name	Description
 <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnInsert</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[GroupedColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *Add Method*

The C1 DataColumn to add.

Adds a C1 DataColumn to the end of the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function Add( _     ByVal dc As C1DataColumn _ ) As System.Integer</pre>	
C#	
<pre>public override System.int Add(     C1DataColumn dc )</pre>	

### Parameters

*dc*

The C1 DataColumn to add.

### Return Value

The index at which the C1 DataColumn has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Class](#)  
[GroupedColumnCollection Members](#)

### *Clear Method*

Removes all elements from the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Shadows Sub Clear()</pre>	
C#	
<pre>public new void Clear()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Class](#)

[GroupedColumnCollection Members](#)

#### *Exchange Method*

The zero-based index of the first C1 DataColumn.

The zero-based index of the second C1 DataColumn.

Exchanges the C1 DataColumn objects at the specified index.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub Exchange( _</pre>	
<pre>    ByVal src As System.Integer, _</pre>	
<pre>    ByVal dst As System.Integer _</pre>	
)	
C#	
<pre>public void Exchange(</pre>	
<pre>    System.int src,</pre>	

```
System.int dst
```

```
)
```

## Parameters

*src*

The zero-based index of the first C1DataColumn.

*dst*

The zero-based index of the second C1DataColumn.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Class](#)

[GroupedColumnCollection Members](#)

#### *Insert Method*

The zero-based index at which the C1DataColumn should be inserted.

The C1DataColumn to insert.

Inserts a [C1DataColumn](#) at the specified index.

## Syntax

### Visual Basic (Declaration)

```
Public Overrides Sub Insert( _
    ByVal index As System.Integer, _
    ByVal dc As C1DataColumn _
)
```

### C#

```
public override void Insert(
```

```
    System.int index,  
    C1DataColumn dc  
)
```

## Parameters

*index*

The zero-based index at which the C1DataColumn should be inserted.

*dc*

The C1DataColumn to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Class](#)  
[GroupedColumnCollection Members](#)

*RemoveAt Method*

The zero-based index of the row to remove.

Removes the C1DataColumn at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Shadows Sub RemoveAt( _  
    ByVal index As System.Integer _  
)
```

C#

```
public new void RemoveAt(  
    System.int index  
)
```

## Parameters

*index*

The zero-based index of the row to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupedColumnCollection Class](#)  
[GroupedColumnCollection Members](#)

### GroupInfo

GroupInfo Property of the C1 DataColumn object, used to control grouping and rendering of group headers and footers

## Object Model

GroupInfo

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
Public Class GroupInfo
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class GroupInfo
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.GroupInfo**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

GroupInfo Property of the C1DataColumn object, used to control grouping and rendering of group headers and footers

## Object Model

GroupInfo

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
Public Class GroupInfo
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class GroupInfo
```

## Inheritance Hierarchy

System.Object

## C1.Win.C1TrueDBGrid.GroupInfo

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [GroupInfo](#).

## Public Constructors

	Name	Description
	<a href="#">GroupInfo Constructor</a>	Creates a new instance of the object.

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## Public Properties

	Name	Description
	<a href="#">ColumnVisible</a>	Gets or set a value indicating the visibility of a column when it's grouped.
	<a href="#">FooterText</a>	Gets or sets the text that is displayed in the group footer row.
	<a href="#">HeaderText</a>	Gets or sets the text that is displayed in the group header row.
	<a href="#">Interval</a>	Gets or sets the way rows are grouped.

	<a href="#">OutlineMode</a>	Gets or sets the initial expanded/collapsed state of the grouped row.
	<a href="#">Position</a>	Gets or sets the position of the grouped row.

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## Public Methods

	Name	Description
	<a href="#">ToString</a>	Override. The string representation of the object.

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## See Also

### Reference

[GroupInfo Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *GroupInfo Constructor*

The column this object is associated with.

Creates a new instance of the object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal owner As C1 DataColumn _ )</pre>	
C#	
<pre>public GroupInfo(     C1 DataColumn owner )</pre>	

### Parameters

*owner*

The column this object is associated with.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

### Methods

For a list of all members of this type, see [GroupInfo members](#).

## Public Methods

	Name	Description
=	<a href="#">ToString</a>	Override. The string representation of the object.

[Top](#)

## See Also

### Reference

[GroupInfo Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### ToString Method

Override. The string representation of the object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

### Properties

For a list of all members of this type, see [GroupInfo members](#).

## Public Properties

	Name	Description
	<a href="#">ColumnVisible</a>	Gets or set a value indicating the visibility of a column when it's grouped.
	<a href="#">FooterText</a>	Gets or sets the text that is displayed in the group footer row.
	<a href="#">HeaderText</a>	Gets or sets the text that is displayed in the group header row.
	<a href="#">Interval</a>	Gets or sets the way rows are grouped.
	<a href="#">OutlineMode</a>	Gets or sets the initial expanded/collapsed state of the grouped row.
	<a href="#">Position</a>	Gets or sets the position of the grouped row.

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## See Also

### Reference

[GroupInfo Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *ColumnVisible Property*

Gets or set a value indicating the visibility of a column when it's grouped.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the visibility of a Column when it's
grouped.")>
Public Property ColumnVisible As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the visibility of a Column when it's
grouped.")]
public System.bool ColumnVisible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

### *FooterText Property*

Gets or sets the text that is displayed in the group footer row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GroupTextConv
erter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```

<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the text that is displayed in the
group footer rows.")>
Public Property FooterText As System.String

C#


[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GroupTextConv
erter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the text that is displayed in the
group footer rows.")]
public System.string FooterText {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

*HeaderText Property*

Gets or sets the text that is displayed in the group header row.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<C1DescriptionAttribute("Sets or retrieves the text that is displayed in the
group header rows.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GroupTextConv
erter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Property HeaderText As System.String

```

C#

```
[C1DescriptionAttribute("Sets or retrieves the text that is displayed in the  
group header rows.")]  
[System.ComponentModel.DefaultValueAttribute()]  
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GroupTextConv  
erter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public System.string HeaderText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

*Interval Property*

Gets or sets the way rows are grouped.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the way rows are grouped.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property Interval As GroupIntervalEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the way rows are grouped.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public GroupIntervalEnum Interval {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

#### *OutlineMode Property*

Gets or sets the initial expanded/collapsed state of the grouped row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the initial state of the grouped rows  
(expanded or collapsed).")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property OutlineMode As OutlineModeEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the initial state of the grouped rows  
(expanded or collapsed).")]  
[System.ComponentModel.DefaultValueAttribute()]  
public OutlineModeEnum OutlineMode {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

### *Position Property*

Gets or sets the position of the grouped row.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Determines whether the grid should insert header and/or
footer rows for the column being grouped.")>
Public Property Position As GroupPositionEnum
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Determines whether the grid should insert header and/or
footer rows for the column being grouped.")]
public GroupPositionEnum Position {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupInfo Class](#)

[GroupInfo Members](#)

[GroupIntervalEventArgs](#)

Provides data for the [C1TrueDBGrid.GroupText](#) event.

## Object Model

[GroupIntervalEventArgs](#)

## Syntax

### Visual Basic (Declaration)

<pre>Public Class GroupIntervalEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class GroupIntervalEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
 System.EventArgs  
**C1.Win.C1TrueDBGrid.GroupIntervalEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupIntervalEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*  
 Provides data for the [C1TrueDBGrid.GroupText](#) event.

## Object Model

[GroupIntervalEventArgs](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class GroupIntervalEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class GroupIntervalEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.GroupIntervalEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupIntervalEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [GroupIntervalEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Col</a>	Column that is being grouped.
	<a href="#">Row</a>	Row index that is being grouped.
	<a href="#">Value</a>	Underlying value of the row being grouped.

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## See Also

### Reference

[GroupIntervalEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## Properties

>

Name	Description
 Col	Column that is being grouped.
 Row	Row index that is being grouped.
 Value	Underlying value of the row being grouped.

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## See Also

### Reference

[GroupIntervalEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Col Property*

Column that is being grouped.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Col As C1DisplayColumn
```

C#

```
public C1DisplayColumn Col {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupIntervalEventArgs Class](#)  
[GroupIntervalEventArgs Members](#)

### *Row Property*

Row index that is being grouped.

## Syntax

### Visual Basic (Declaration)

```
Public ReadOnly Property Row As System.Integer
```

### C#

```
public System.int Row {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupIntervalEventArgs Class](#)

[GroupIntervalEventArgs Members](#)

### *Value Property*

Underlying value of the row being grouped.

## Syntax

### Visual Basic (Declaration)

```
Public Property Value As System.Object
```

### C#

```
public System.object Value {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupIntervalEventArgs Class](#)

[GroupIntervalEventArgs Members](#)

[GroupRow](#)

Object that represents a groupby split.

## Object Model

GroupRow

## Syntax

Visual Basic (Declaration)

```
Public Class GroupRow  
    Inherits C1.Win.C1TrueDBGrid.BaseGrid.ViewRow
```

C#

```
public class GroupRow : C1.Win.C1TrueDBGrid.BaseGrid.ViewRow
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.BaseGrid.ViewRow](#)

**C1.Win.C1TrueDBGrid.GroupRow**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

## *Overview*

Object that represents a groupby split.

## Object Model

GroupRow

## Syntax

Visual Basic (Declaration)	
<pre>Public Class GroupRow     Inherits C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</pre>	
C#	
<pre>public class GroupRow : C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</pre>	

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.BaseGrid.ViewRow](#)

**C1.Win.C1TrueDBGrid.GroupRow**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [GroupRow](#).

## Public Properties

	Name	Description
 <a href="#">Count</a>	Gets the number of rows that belong to this group.	
 <a href="#">RowIndex</a>	Gets index of the row in data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )	
 <a href="#">EndIndex</a>	Gets the ending row index of the datasource that belong to this group.	
 <a href="#">GroupedText</a>	Gets the text that is being grouped.	
 <a href="#">Height</a>	Gets or sets the height of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )	
 <a href="#">Level</a>	Gets the level of the grouping.	
 <a href="#">RowType</a>	Overridden. Gets the type of row.	
 <a href="#">StartIndex</a>	Gets the starting row index of the datasource that belong to this group.	
 <a href="#">Visible</a>	Gets or sets the visibility of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )	
 <a href="#">Width</a>	Gets or sets the width of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )	

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## Public Methods

	Name	Description
 <a href="#">AutoSize</a>	Adjust the size of the row to fully display cell data. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )	

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## See Also

### Reference

[GroupRow Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

For a list of all members of this type, see [GroupRow members](#).

## Public Properties

	Name	Description
	<a href="#">Count</a>	Gets the number of rows that belong to this group.
	<a href="#">RowIndex</a>	Gets index of the row in data source. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )
	<a href="#">EndIndex</a>	Gets the ending row index of the datasource that belong to this group.
	<a href="#">GroupedText</a>	Gets the text that is being grouped.
	<a href="#">Height</a>	Gets or sets the height of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )
	<a href="#">Level</a>	Gets the level of the grouping.
	<a href="#">RowType</a>	Overridden. Gets the type of row.
	<a href="#">StartIndex</a>	Gets the starting row index of the datasource that belong to this group.
	<a href="#">Visible</a>	Gets or sets the visibility of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )
	<a href="#">Width</a>	Gets or sets the width of a row. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.ViewRow</a> )

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## See Also

### Reference

[GroupRow Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Count Property*

Gets the number of rows that belong to this group.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Count As System.Integer</pre>	
C#	
<pre>public System.int Count {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Class](#)  
[GroupRow Members](#)

*EndIndex Property*

Gets the ending row index of the datasource that belong to this group.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property EndIndex As System.Integer</pre>	
C#	

```
public System.int EndIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Class](#)

[GroupRow Members](#)

*GroupedText Property*

Gets the text that is being grouped.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property GroupedText As System.String</pre>	
C#	
<pre>public System.string GroupedText {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Class](#)

[GroupRow Members](#)

*Level Property*

Gets the level of the grouping.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Level As System.Integer
```

C#

```
public System.int Level {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Class](#)

[GroupRow Members](#)

*RowType Property*

Gets the type of row.

## Syntax

Visual Basic (Declaration)

```
Public Overrides ReadOnly Property RowType As RowTypeEnum
```

C#

```
public override RowTypeEnum RowType {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [GroupRow Class](#)

### [GroupRow Members](#)

#### *StartIndex Property*

Gets the starting row index of the datasource that belong to this group.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property StartIndex As System.Integer</pre>	
C#	
<pre>public System.int StartIndex {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupRow Class](#)

[GroupRow Members](#)

[GroupTextEventArgs](#)

Provides data for the [C1TrueDBGrid.GroupText](#) event.

## Object Model

[GroupTextEventArgs](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class GroupTextEventArgs</pre>	
<pre>    Inherits System.EventArgs</pre>	

C#

```
public class GroupTextEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

  System.EventArgs

**C1.Win.C1TrueDBGrid.GroupTextEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.GroupText](#) event.

## Object Model

GroupTextEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class GroupTextEventArgs  
    Inherits System.EventArgs
```

C#

```
public class GroupTextEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.GroupTextEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [GroupTextEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Col</a>	Column that is being grouped.
	<a href="#">EndRowIndex</a>	Last row index that is being grouped.
	<a href="#">GroupText</a>	Value that the data is being grouped on.
	<a href="#">RowType</a>	Type of row being grouped.
	<a href="#">StartRowIndex</a>	First row index that is being grouped.
	<a href="#">Text</a>	Custom text for the grouped row.

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## See Also

## Reference

GroupTextEventArgs Class  
C1.Win.C1TrueDBGrid Namespace

### Properties

>

Name	Description
 <a href="#">Col</a>	Column that is being grouped.
 <a href="#">EndRowIndex</a>	Last row index that is being grouped.
 <a href="#">GroupText</a>	Value that the data is being grouped on.
 <a href="#">RowType</a>	Type of row being grouped.
 <a href="#">StartRowIndex</a>	First row index that is being grouped.
 <a href="#">Text</a>	Custom text for the grouped row.

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## See Also

### Reference

GroupTextEventArgs Class  
C1.Win.C1TrueDBGrid Namespace

### *Col Property*

Column that is being grouped.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Column that is being grouped.")>
Public ReadOnly Property Col As C1DisplayColumn
```

C#

```
[C1DescriptionAttribute("Column that is being grouped.")]
public C1DisplayColumn Col {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

*EndRowIndex Property*

Last row index that is being grouped.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Last row index that is being grouped.")>
Public ReadOnly Property EndRowIndex As System.Integer
```

C#

```
[C1DescriptionAttribute("Last row index that is being grouped.")]
public System.int EndRowIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

*GroupText Property*

Value that the data is being grouped on.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Value that the data is being grouped on.")>	
Public ReadOnly Property GroupText As System.String	
C#	
[C1DescriptionAttribute("Value that the data is being grouped on.")]	
public System.String GroupText {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

*RowType Property*

Type of row being grouped.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Type of row being grouped.")>	
Public ReadOnly Property RowType As RowTypeEnum	
C#	
[C1DescriptionAttribute("Type of row being grouped.")]	
public RowTypeEnum RowType {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

*StartRowIndex Property*

First row index that is being grouped.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("First row index that is being grouped.")>
Public ReadOnly Property StartRowIndex As System.Integer
```

C#

```
[C1DescriptionAttribute("First row index that is being grouped.")]
public System.int StartRowIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

*Text Property*

Custom text for the grouped row.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Custom text for the grouped row.")> Public Property Text As System.String	
C#	
[C1DescriptionAttribute("Custom text for the grouped row.")] public System.string Text {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventArgs Class](#)

[GroupTextEventArgs Members](#)

[OwnerDrawCellEventArgs](#)

Provides data for the [C1TrueDBGrid.OwnerDrawCell](#) and [C1TrueDBGrid.OwnerDrawCellPrint](#) events.

## Object Model

OwnerDrawCellEventArgs

## Syntax

Visual Basic (Declaration)	
Public Class OwnerDrawCellEventArgs Inherits System.EventArgs	
C#	
public class OwnerDrawCellEventArgs : System.EventArgs	

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.OwnerDrawCellEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.OwnerDrawCell](#) and [C1TrueDBGrid.OwnerDrawCellPrint](#) events.

## Object Model

[OwnerDrawCellEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class OwnerDrawCellEventArgs  
    Inherits System.EventArgs
```

C#

```
public class OwnerDrawCellEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.OwnerDrawCellEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [OwnerDrawCellEventArgs](#).

## Public Properties

	Name	Description
 <a href="#">CellRect</a>		The bounding rectangle for the cell that needs to be rendered.
 <a href="#">Col</a>		The index of the column in the <a href="#">DisplayColumns</a> collection.
 <a href="#">Column</a>		The <a href="#">C1DisplayColumn</a> being rendered.
 <a href="#">DrawCellFlags</a>		Indicates whether the custom renderer handles the background, border or content.
 <a href="#">Graphics</a>		The GDI+ graphics object to render on.
 <a href="#">Handled</a>		Indicates whether the event code rendered the cell.
 <a href="#">Row</a>		The index of the row for the cell being rendered.
 <a href="#">Split</a>		The index of the split for the cell being rendered.
 <a href="#">Style</a>		The Style used to render the cell.

 Text	The text of the cell.
--	-----------------------

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## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

For a list of all members of this type, see [OwnerDrawCellEventArgs members](#).

## Public Properties

	Name	Description
 CellRect	The bounding rectangle for the cell that needs to be rendered.	
 Col	The index of the column in the DisplayColumns collection.	
 Column	The C1DisplayColumn being rendered.	
 DrawCellFlags	Indicates whether the custom renderer handles the background, border or content.	
 Graphics	The GDI+ graphics object to render on.	
 Handled	Indicates whether the event code rendered the cell.	
 Row	The index of the row for the cell being rendered.	
 Split	The index of the split for the cell being rendered.	
 Style	The Style used to render the cell.	
 Text	The text of the cell.	

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## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *CellRect Property*

The bounding rectangle for the cell that needs to be rendered.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property CellRect As System.Drawing.Rectangle
```

C#

```
public System.Drawing.Rectangle CellRect {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)  
[OwnerDrawCellEventArgs Members](#)

#### *Col Property*

The index of the column in the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Col As System.Integer
```

C#

```
public System.int Col {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

*Column Property*

The C1DisplayColumn being rendered.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1DisplayColumn
```

C#

```
public C1DisplayColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

*DrawCellFlags Property*

Indicates whether the custom renderer handles the background, border or content.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property DrawCellFlags As DrawCellFlags</pre>	
C#	
<pre>public DrawCellFlags DrawCellFlags {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

### *Graphics Property*

The GDI+ graphics object to render on.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Graphics As System.Drawing.Graphics</pre>	
C#	
<pre>public System.Drawing.Graphics Graphics {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

### *Handled Property*

Indicates whether the event code rendered the cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Handled As System.Boolean</pre>	
C#	
<pre>public System.bool Handled {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

### *Row Property*

The index of the row for the cell being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Row As System.Integer</pre>	
C#	
<pre>public System.int Row {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

#### *Split Property*

The index of the split for the cell being rendered.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Split As System.Integer</pre>	
C#	
<pre>public System.int Split {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)

[OwnerDrawCellEventArgs Members](#)

#### *Style Property*

The Style used to render the cell.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

Public Property Style As Style	
C#	
<pre>public Style Style {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)  
[OwnerDrawCellEventArgs Members](#)

#### *Text Property*

The text of the cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Text As System.String</pre>	
C#	
<pre>public System.string Text {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventArgs Class](#)  
[OwnerDrawCellEventArgs Members](#)

## OwnerDrawPageEventArgs

Provides data for the [C1TrueDBGrid.OwnerDrawPageHeader](#) and [C1TrueDBGrid.OwnerDrawPageHeader](#) events.

## Object Model

### OwnerDrawPageEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class OwnerDrawPageEventArgs  
    Inherits System.EventArgs
```

C#

```
public class OwnerDrawPageEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.OwnerDrawPageEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawPageEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.OwnerDrawPageHeader](#) and [C1TrueDBGrid.OwnerDrawPageHeader](#) events.

## Object Model

## OwnerDrawPageEventArgs

### Syntax

Visual Basic (Declaration)

```
Public Class OwnerDrawPageEventArgs  
    Inherits System.EventArgs
```

C#

```
public class OwnerDrawPageEventArgs : System.EventArgs
```

### Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.OwnerDrawPageEventArgs**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[OwnerDrawPageEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [OwnerDrawPageEventArgs](#).

### Public Properties

	Name	Description
	<a href="#">OwnerDrawPrint</a>	The <a href="#">C1OwnerDrawPrint</a> object used to render the custom header or footer

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## See Also

### Reference

[OwnerDrawPageEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Properties*

>

Name	Description
 <a href="#">OwnerDrawPrint</a>	The <a href="#">C1OwnerDrawPrint</a> object used to render the custom header or footer

[Top](#)

## See Also

### Reference

[OwnerDrawPageEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *OwnerDrawPrint Property*

The [C1OwnerDrawPrint](#) object used to render the custom header or footer

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property OwnerDrawPrint As C1OwnerDrawPrint
```

C#

```
public C1OwnerDrawPrint OwnerDrawPrint {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[OwnerDrawPageEventArgs Class](#)

[OwnerDrawPageEventArgs Members](#)

[PrintCancelException](#)

Represents exception that is thrown if printing or exporting a [C1TrueDBGrid](#) is cancelled by the user.

## Object Model

[PrintCancelException](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintCancelException  
    Inherits System.Exception
```

C#

```
public class PrintCancelException : System.Exception
```

## Inheritance Hierarchy

System.Object

System.Exception

**C1.Win.C1TrueDBGrid.PrintCancelException**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintCancelException Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

## *Overview*

Represents exception that is thrown if printing or exporting a [C1TrueDBGrid](#) is cancelled by the user.

## Object Model

[PrintCancelException](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintCancelException  
    Inherits System.Exception
```

C#

```
public class PrintCancelException : System.Exception
```

## Inheritance Hierarchy

System.Object

    System.Exception

**C1.Win.C1TrueDBGrid.PrintCancelException**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintCancelException Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Members*

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [PrintCancelException](#).

## Public Constructors

	Name	Description
	<a href="#">PrintCancelException Constructor</a>	Initializes a new instance of the <a href="#">PrintCancelException</a> class.

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## Public Properties

	Name	Description
	<a href="#">Data</a>	(Inherited from System.Exception)
	<a href="#">HelpLink</a>	(Inherited from System.Exception)
	<a href="#">InnerException</a>	(Inherited from System.Exception)
	<a href="#">Message</a>	(Inherited from System.Exception)
	<a href="#">Source</a>	(Inherited from System.Exception)
	<a href="#">StackTrace</a>	(Inherited from System.Exception)
	<a href="#">TargetSite</a>	(Inherited from System.Exception)

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## Protected Properties

	Name	Description
	<a href="#">HResult</a>	(Inherited from System.Exception)

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## Public Methods

	Name	Description

 <a href="#">GetBaseException</a>	(Inherited from System.Exception)
 <a href="#">GetObjectData</a>	(Inherited from System.Exception)
 <a href="#">GetType</a>	(Inherited from System.Exception)
 <a href="#">ToString</a>	(Inherited from System.Exception)

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## Protected Events

	Name	Description
 <a href="#">SerializeObjectState</a>	(Inherited from System.Exception)	

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## See Also

### Reference

[PrintCancelException Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*PrintCancelException Constructor*

Initializes a new instance of the [PrintCancelException](#) class.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public PrintCancelException()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintCancelException Class](#)

[PrintCancelException Members](#)

[PrintForm](#)

The print preview form.

## Object Model

[PrintForm](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class PrintForm     Inherits System.Windows.Forms.Form</pre>	
C#	
<pre>public class PrintForm : System.Windows.Forms.Form</pre>	

## Inheritance Hierarchy

System.Object

System.MarshalByRefObject

System.ComponentModel.Component

System.Windows.Forms.Control

System.Windows.Forms.ScrollableControl

System.Windows.Forms.ContainerControl

System.Windows.Forms.Form

**C1.Win.C1TrueDBGrid.PrintForm**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

The print preview form.

## Object Model

PrintForm

## Syntax

Visual Basic (Declaration)

```
Public Class PrintForm  
    Inherits System.Windows.Forms.Form
```

C#

```
public class PrintForm : System.Windows.Forms.Form
```

## Inheritance Hierarchy

```
System.Object  
  System.MarshalByRefObject  
    System.ComponentModel.Component  
      System.Windows.Forms.Control  
        System.Windows.Forms.ScrollableControl  
          System.Windows.Forms.ContainerControl  
            System.Windows.Forms.Form  
              C1.Win.C1TrueDBGrid.PrintForm
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [PrintForm](#).

## Public Constructors

	Name	Description
	<a href="#">PrintForm Constructor</a>	Creates a new instance of the PrintFrom class.

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## Public Properties

	Name	Description
	<a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)

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## Protected Properties

	Name	Description
	<a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CreateParams</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## Public Methods

	Name	Description
 <a href="#">Activate</a>		(Inherited from System.Windows.Forms.Form)
 <a href="#">AddOwnedForm</a>		(Inherited from System.Windows.Forms.Form)
 <a href="#">BeginInvoke</a>		Overloaded. (Inherited from System.Windows.Forms.Control)

=♡	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=♡	<a href="#">Dispose</a>	Overloaded. Overridden. Overloaded. Overridden. Releases all resources used by the Control.
=♡	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♡	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
 <a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)

=♡	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
=♡	<a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description

	<a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">Init</a>	Additional initialization of the form.
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)

♫	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
♫	<a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseClicked</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)

 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## Public Events

	Name	Description
 <a href="#">Activated</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AutoSizeChanged</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AutoValidateChanged</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)	

 ClientSizeChanged	(Inherited from System.Windows.Forms.Control)
 ContextMenuChanged	(Inherited from System.Windows.Forms.Control)
 ContextMenuStripChanged	(Inherited from System.Windows.Forms.Control)
 ControlAdded	(Inherited from System.Windows.Forms.Control)
 ControlRemoved	(Inherited from System.Windows.Forms.Control)
 CursorChanged	(Inherited from System.Windows.Forms.Control)
 Deactivate	(Inherited from System.Windows.Forms.Form)
 Disposed	(Inherited from System.ComponentModel.Component)
 DockChanged	(Inherited from System.Windows.Forms.Control)
 DoubleClick	(Inherited from System.Windows.Forms.Control)
 DragDrop	(Inherited from System.Windows.Forms.Control)
 DragEnter	(Inherited from System.Windows.Forms.Control)
 DragLeave	(Inherited from System.Windows.Forms.Control)
 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)
 Enter	(Inherited from System.Windows.Forms.Control)
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)

 <a href="#">FormClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">FormClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">GiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">HelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">InputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Invalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Layout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Leave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Load</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">LocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MenuStart</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)

 Move	(Inherited from System.Windows.Forms.Control)
 PaddingChanged	(Inherited from System.Windows.Forms.Control)
 Paint	(Inherited from System.Windows.Forms.Control)
 ParentChanged	(Inherited from System.Windows.Forms.Control)
 PreviewKeyDown	(Inherited from System.Windows.Forms.Control)
 QueryAccessibilityHelp	(Inherited from System.Windows.Forms.Control)
 QueryContinueDrag	(Inherited from System.Windows.Forms.Control)
 RegionChanged	(Inherited from System.Windows.Forms.Control)
 Resize	(Inherited from System.Windows.Forms.Control)
 ResizeBegin	(Inherited from System.Windows.Forms.Form)
 ResizeEnd	(Inherited from System.Windows.Forms.Form)
 RightToLeftChanged	(Inherited from System.Windows.Forms.Control)
 RightToLeftLayoutChanged	(Inherited from System.Windows.Forms.Form)
 Scroll	(Inherited from System.Windows.Forms.ScrollableControl)
 Shown	(Inherited from System.Windows.Forms.Form)
 SizeChanged	(Inherited from System.Windows.Forms.Control)
 StyleChanged	(Inherited from System.Windows.Forms.Control)
 SystemColorsChanged	(Inherited from System.Windows.Forms.Control)

 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

### Reference

[PrintForm Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*PrintForm Constructor*

Creates a new instance of the PrintFrom class.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public PrintForm()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Class](#)

[PrintForm Members](#)

## Methods

For a list of all members of this type, see [PrintForm members](#).

## Public Methods

	Name	Description
=	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=	<a href="#">Dispose</a>	Overloaded. Overridden. Overloaded. Overridden. Releases all resources used by the Control.
=	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♪	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♪	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
=♪	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)

<a href="#">≡</a>	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
<a href="#">≡</a>	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
<a href="#">≡</a>	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description
 <a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)	
 <a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)	

	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Init</a>	Additional initialization of the form.
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
	<a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
⌚	<a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)

⌚	<a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
⌚	<a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## See Also

### Reference

[PrintForm Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Dispose Method*

Overloaded. Overridden. Releases all resources used by the Control.

## Overload List

Overload	Description

<a href="#">Dispose(Boolean)</a>	Overloaded. Overridden. Releases all resources used by the Control.
<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Class](#)

[PrintForm Members](#)

[Dispose\(Boolean\) Method](#)

Overloaded. Overridden. Releases all resources used by the Control.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _)
)
```

C#	
----	--

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Class](#)

[PrintForm Members](#)

[Overload List](#)

#### *Init Method*

##### Example

Additional initialization of the form.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub Init()
```

C#

```
protected virtual void Init()
```

## Remarks

To override properties like FormBorderStyle, MaximizeBox, MinimizeBox, ControlBox etc. of a Form, inherited from "C1.Win.C1TrueDBGrid.PrintForm", override the Init method of the PrintForm. First call the base.Init(), then set the properties you want.

## Example

The example is a custom PrintForm which has sizable border, control box is on, and minimize and maximize boxes are off.

- [C#](#)

```
public class CustPrintForm : C1.Win.C1TrueDBGrid.PrintForm
{
    public CustPrintForm(): base()
    {
    }

    protected override void Init()
    {
        base.Init();
        FormBorderStyle = FormBorderStyle.Sizable;
        this.ControlBox = true;
    }
}
```

```
        this.MinimizeBox = false;
        this.MaximizeBox = false;
    }
}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintForm Class](#)

[PrintForm Members](#)

### PrintInfo

Specifies how a [C1TrueDBGrid](#) should be printed or exported when using such methods as [C1TrueDBGrid.ExportTo](#), [Print](#) etc.

## Object Model

PrintInfo

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")>
Public Class PrintInfo
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")]
public class PrintInfo
```

# Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintInfo**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Specifies how a [C1TrueDBGrid](#) should be printed or exported when using such methods as [C1TrueDBGrid.ExportTo](#), [Print](#) etc.

## Object Model

[PrintInfo](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")>
Public Class PrintInfo
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")]
```

```
public class PrintInfo
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintInfo**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [PrintInfo](#).

## Public Properties

	Name	Description
	<a href="#">FillAreaWidth</a>	Gets or sets a value indicating how empty space left on a printed page is handled.
	<a href="#">GridLines</a>	Gets or sets a value indicating how grid lines are rendered.
	<a href="#">MaxRowHeight</a>	Gets or sets the maximum row height in hundredths of an inch (used if <a href="#">VarRowHeight</a> is <a href="#">PrintInfo.RowHeightEnum.StretchToMax</a> ).
	<a href="#">OneFormPerPage</a>	Gets or sets a value indicating whether the grid in Form view style is printed each record per page.

 <a href="#">OwnerDrawPageFooter</a>	Gets or sets a value indicating whether the page footer is owner-drawn.
 <a href="#">OwnerDrawPageHeader</a>	Gets or sets a value indicating whether the page header is owner-drawn.
 <a href="#">PageBreak</a>	Gets or sets the horizontal page break mode.
 <a href="#">PageFooter</a>	Gets or sets a string to be printed at the bottom of each page.
 <a href="#">PageFooterHeight</a>	Gets or sets the page footer height in hundredths of an inch.
 <a href="#">PageFooterStyle</a>	Gets or sets the style used to render the page footer.
 <a href="#">PageHeader</a>	Gets or sets the string to be printed at the top of each page.
 <a href="#">PageHeaderHeight</a>	Gets or sets the height of the Page header.
 <a href="#">PageHeaderStyle</a>	Gets or sets the style used to render the page header.
 <a href="#">PageSettings</a>	Gets or sets the PageSettings for printing.
 <a href="#">PreviewFormClassName</a>	Gets or sets the class name of the form used as the preview form.
 <a href="#">PrintEmptyGrid</a>	Gets or sets a value whether to print a grid if it has no data rows.
 <a href="#">PrintHorizontalSplits</a>	Gets or sets a value indicating whether horizontal splits are previewed and printed.
 <a href="#">PrintOptionsFormClassName</a>	Gets or sets the class name of the form used as the print options dialog.
 <a href="#">ProgressCaption</a>	Gets or sets the caption of the print progress dialog.

 <a href="#">RepeatColumnFooters</a>	Gets or sets a value indicating whether column footers should appear on each page.
 <a href="#">RepeatColumnHeaders</a>	Gets or sets a value indicating whether column headers should appear on each page.
 <a href="#">RepeatGridHeader</a>	Gets or sets a value indicating whether the grid caption should appear on each page.
 <a href="#">RepeatSplitHeaders</a>	Gets or sets a value indicating whether split captions should appear on each page.
 <a href="#">RowCanSplit</a>	Gets or sets a value indicating whether the grid rows can split between pages.
 <a href="#">ShowOptionsDialog</a>	Gets or sets a value indicating whether the options dialog is displayed when the grid is printed or exported.
 <a href="#">ShowProgressForm</a>	Gets or sets a value indicating whether the progress dialog is displayed when the grid is printed or exported.
 <a href="#">ShowSelection</a>	Gets or sets a value indicating whether selected cells will be highlighted when previewing or printing.
 <a href="#">UseGridColors</a>	Gets or sets a value indicating whether the grid's color scheme is translated to the print page.
 <a href="#">VarRowHeight</a>	Gets or sets a value indicating how row height of the printed grid is determined.
 <a href="#">WrapText</a>	Gets or sets a value that controls how text is wrapped in a cell.

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## Public Methods

	Name	Description
≡	<a href="#">Print</a>	Overloaded. Prints the grid.
≡	<a href="#">PrintPreview</a>	Opens a separate modal window in which end users can preview the output that would be generated by the print operation.
≡	<a href="#">PrintToStream</a>	Saves the current grid to a memory stream in <b>C1D</b> (native <b>C1PrintDocument</b> ) format.  The stream's <b>Position</b> is set to 0 when the method returns.
≡	<a href="#">SaveAsC1d</a>	Overloaded. Saves the current grid as a <b>C1D</b> file, which can later be loaded into a <b>C1PrintDocument</b> (provided by <b>C1Report</b> product).  Note that unlike most other print/export methods, this method does not require <b>C1Report</b> assemblies.
≡	<a href="#">ShouldSerializePageSettings</a>	Indicates whether the <a href="#">PageSettings</a> property should be serialized.
≡	<a href="#">ToString</a>	

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## Protected Methods

	Name	Description
≡	<a href="#">ResetPreviewFormClassName</a>	Resets the <a href="#">PreviewFormClassName</a> property to its default value.

	<a href="#">ResetPrintOptionsFormClassName</a>	Resets the <a href="#">PrintOptionsFormClassName</a> property to its default value.
	<a href="#">ShouldSerializePreviewFormClassName</a>	Indicates whether the <a href="#">PreviewFormClassName</a> property should be serialized.
	<a href="#">ShouldSerializePrintOptionsFormClassName</a>	Indicates whether the <a href="#">PrintOptionsFormClassName</a> property should be serialized.

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## See Also

### Reference

[PrintInfo Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

For a list of all members of this type, see [PrintInfo members](#).

## Public Methods

	Name	Description
	<a href="#">Print</a>	Overloaded. Prints the grid.
	<a href="#">PrintPreview</a>	Opens a separate modal window in which end users can preview the output that would be generated by the print operation.
	<a href="#">PrintToStream</a>	Saves the current grid to a memory stream in <b>C1D</b> (native <b>C1PrintDocument</b> ) format.  The stream's <b>Position</b> is set to 0 when the method returns.
	<a href="#">SaveAsC1d</a>	Overloaded. Saves the current grid as a <b>C1D</b> file, which can later

	<p>be loaded into a <b>C1PrintDocument</b> (provided by <b>C1Report</b> product).</p> <p>Note that unlike most other print/export methods, this method does not require <b>C1Report</b> assemblies.</p>
=  <a href="#">ShouldSerializePageSettings</a>	Indicates whether the <a href="#">PageSettings</a> property should be serialized.
=  <a href="#">ToString</a>	

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## Protected Methods

	Name	Description
=  <a href="#">ResetPreviewFormClassName</a>	Resets the <a href="#">PreviewFormClassName</a> property to its default value.	
=  <a href="#">ResetPrintOptionsFormClassName</a>	Resets the <a href="#">PrintOptionsFormClassName</a> property to its default value.	
=  <a href="#">ShouldSerializePreviewFormClassName</a>	Indicates whether the <a href="#">PreviewFormClassName</a> property should be serialized.	
=  <a href="#">ShouldSerializePrintOptionsFormClassName</a>	Indicates whether the <a href="#">PrintOptionsFormClassName</a> property should be serialized.	

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## See Also

### Reference

## [PrintInfo Class](#)

### [C1.Win.C1TrueDBGrid Namespace](#)

#### *Print Method*

Prints the grid.

## Overload List

Overload	Description
<a href="#">Print()</a>	Prints the grid.
<a href="#">Print(PrinterSettings)</a>	Prints the grid.
<a href="#">Print(Stream)</a>	Saves the current grid to a stream in <b>C1D</b> (native <b>C1PrintDocument</b> ) format.  Note that unlike most other print/export methods, this method does not require <b>C1Report</b> assemblies.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [PrintInfo Class](#)

#### [PrintInfo Members](#)

#### [Print\(\) Method](#)

Prints the grid.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads Sub Print()
```

C#

```
public void Print()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[Overload List](#)

[Print\(PrinterSettings\) Method](#)

Specifies the printer settings (including the printer) to use.

Prints the grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Print( _
    ByVal printerSettings As System.Drawing.Printing.PrinterSettings _
)
```

C#

```
public void Print(
    System.Drawing.Printing.PrinterSettings printerSettings
)
```

### Parameters

*printerSettings*

Specifies the printer settings (including the printer) to use.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[Overload List](#)

**Print(Stream) Method**

The output stream.

Saves the current grid to a stream in **C1D** (native **C1PrintDocument**) format.

Note that unlike most other print/export methods, this method does not require **C1Report** assemblies.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Print( _
    ByVal stream As System.IO.Stream _)
()
```

C#

```
public void Print(
    System.IO.Stream stream
)
```

### Parameters

*stream*

The output stream.

## Remarks

The stream's **Position** is set to 0 when the method returns.

This method does not show progress dialog (ignoring [ShowProgressForm](#) property).

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[Overload List](#)

### *PrintPreview Method*

Opens a separate modal window in which end users can preview the output that would be generated by the print operation.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub PrintPreview()</pre>	
C#	
<pre>public void PrintPreview()</pre>	

## Remarks

`PreviewFormClassName` allows to specify a custom form for the preview dialog.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *PrintToStream Method*

Saves the current grid to a memory stream in **C1D** (native **C1PrintDocument**) format.

The stream's **Position** is set to 0 when the method returns.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function PrintToStream() As System.IO.Stream</pre>	
C#	
<pre>public System.IO.Stream PrintToStream()</pre>	

### Return Value

The stream containing the saved grid.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *ResetPreviewFormClassName Method*

Resets the [PreviewFormClassName](#) property to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Sub ResetPreviewFormClassName()</pre>	
C#	
<pre>protected void ResetPreviewFormClassName()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*ResetPrintOptionsFormClassName Method*

Resets the [PrintOptionsFormClassName](#) property to its default value.

## Syntax

Visual Basic (Declaration)

```
Protected Sub ResetPrintOptionsFormClassName()
```

C#

```
protected void ResetPrintOptionsFormClassName()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*SaveAsC1d Method*

Saves the current grid as a **C1D** file, which can later be loaded into a **C1PrintDocument** (provided by **C1Report** product).

Note that unlike most other print/export methods, this method does not require **C1Report** assemblies.

## Overload List

Overload	Description
<a href="#">SaveAsC1d(String)</a>	<p>Saves the current grid as a <b>C1D</b> file, which can later be loaded into a <b>C1PrintDocument</b> (provided by <b>C1Report</b> product).</p> <p>Note that unlike most other print/export methods, this method does not require <b>C1Report</b> assemblies.</p>
<a href="#">SaveAsC1d(Stream)</a>	<p>Saves the current grid to a stream in <b>C1D</b> (native <b>C1PrintDocument</b>) format.</p> <p>Note that unlike most other print/export methods, this method does not require <b>C1Report</b> assemblies.</p>

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[SaveAsC1d\(String\) Method](#)

The name of the output file.

Saves the current grid as a **C1D** file, which can later be loaded into a **C1PrintDocument** (provided by **C1Report** product).

Note that unlike most other print/export methods, this method does not require **C1Report** assemblies.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function SaveAsC1d( _
    ByVal outputFileName As System.String _
) As System.Boolean
```

C#

```
public System.bool SaveAsC1d(
    System.string outputFileName
)
```

## Parameters

*outputFileName*

The name of the output file.

## Return Value

**true** if the file was successfully saved, **false** otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[Overload List](#)

[SaveAsC1d\(Stream\) Method](#)

The output stream.

Saves the current grid to a stream in **C1D** (native **C1PrintDocument**) format.

Note that unlike most other print/export methods, this method does not require **C1Report** assemblies.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function SaveAsC1d( _
    ByVal stream As System.IO.Stream _
) As System.Boolean
```

C#

```
public System.bool SaveAsC1d(
    System.IO.Stream stream
)
```

## Parameters

*stream*

The output stream.

## Return Value

**true** if the stream was successfully written, **false** otherwise.

## Remarks

Unlike the [Print\(Stream\)](#) method, this method does not reset the stream's position after saving.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[Overload List](#)

*ShouldSerializePageSettings Method*

Indicates whether the [PageSettings](#) property should be serialized.

## Syntax

Visual Basic (Declaration)

```
Public Function ShouldSerializePageSettings() As System.Boolean
```

C#

```
public System.bool ShouldSerializePageSettings()
```

## Return Value

**true** if [PageSettings](#) should be serialized, **false** otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*ShouldSerializePreviewFormClassName Method*

Indicates whether the [PreviewFormClassName](#) property should be serialized.

## Syntax

Visual Basic (Declaration)

```
Protected Function ShouldSerializePreviewFormClassName() As System.Boolean
```

C#

```
protected System.bool ShouldSerializePreviewFormClassName()
```

## Return Value

**true** if [PreviewFormClassName](#) should be serialized, **false** otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*ShouldSerializePrintOptionsFormClassName Method*

Indicates whether the [PrintOptionsFormClassName](#) property should be serialized.

## Syntax

Visual Basic (Declaration)

```
Protected Function ShouldSerializePrintOptionsFormClassName() As System.Boolean
```

C#

```
protected System.bool ShouldSerializePrintOptionsFormClassName()
```

### Return Value

**true** if [PrintOptionsFormClassName](#) should be serialized, **false** otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### Properties

>

Name	Description
 <a href="#">FillAreaWidth</a>	Gets or sets a value indicating how empty space left on a printed page is handled.
 <a href="#">GridLines</a>	Gets or sets a value indicating how grid lines are rendered.
 <a href="#">MaxRowHeight</a>	Gets or sets the maximum row height in hundredths of an inch (used if <a href="#">VarRowHeight</a> is <a href="#">PrintInfo.RowHeightEnum.StretchToMax</a> ).
 <a href="#">OneFormPerPage</a>	Gets or sets a value indicating whether the grid in Form view style is printed each record per page.
 <a href="#">OwnerDrawPageFooter</a>	Gets or sets a value indicating whether the page footer is owner-drawn.
 <a href="#">OwnerDrawPageHeader</a>	Gets or sets a value indicating whether the page header is owner-drawn.

 <a href="#">PageBreak</a>	Gets or sets the horizontal page break mode.
 <a href="#">PageFooter</a>	Gets or sets a string to be printed at the bottom of each page.
 <a href="#">PageFooterHeight</a>	Gets or sets the page footer height in hundredths of an inch.
 <a href="#">PageFooterStyle</a>	Gets or sets the style used to render the page footer.
 <a href="#">PageHeader</a>	Gets or sets the string to be printed at the top of each page.
 <a href="#">PageHeaderHeight</a>	Gets or sets the height of the Page header.
 <a href="#">PageHeaderStyle</a>	Gets or sets the style used to render the page header.
 <a href="#">PageSettings</a>	Gets or sets the PageSettings for printing.
 <a href="#">PreviewFormClassName</a>	Gets or sets the class name of the form used as the preview form.
 <a href="#">PrintEmptyGrid</a>	Gets or sets a value whether to print a grid if it has no data rows.
 <a href="#">PrintHorizontalSplits</a>	Gets or sets a value indicating whether horizontal splits are previewed and printed.
 <a href="#">PrintOptionsFormClassName</a>	Gets or sets the class name of the form used as the print options dialog.
 <a href="#">ProgressCaption</a>	Gets or sets the caption of the print progress dialog.
 <a href="#">RepeatColumnFooters</a>	Gets or sets a value indicating whether column footers should appear on each page.
 <a href="#">RepeatColumnHeaders</a>	Gets or sets a value indicating whether column headers should appear on each page.
 <a href="#">RepeatGridHeader</a>	Gets or sets a value indicating whether the grid caption should appear on each page.
 <a href="#">RepeatSplitHeaders</a>	Gets or sets a value indicating whether split captions should appear on each page.
 <a href="#">RowCanSplit</a>	Gets or sets a value indicating whether the grid rows can split between pages.
 <a href="#">ShowOptionsDialog</a>	Gets or sets a value indicating whether the options dialog is

displayed when the grid is printed or exported.

 [ShowProgressForm](#)

Gets or sets a value indicating whether the progress dialog is displayed when the grid is printed or exported.

 [ShowSelection](#)

Gets or sets a value indicating whether selected cells will be highlighted when previewing or printing.

 [UseGridColors](#)

Gets or sets a value indicating whether the grid's color scheme is translated to the print page.

 [VarRowHeight](#)

Gets or sets a value indicating how row height of the printed grid is determined.

 [WrapText](#)

Gets or sets a value that controls how text is wrapped in a cell.

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## See Also

### Reference

[PrintInfo Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*FillAreaWidth Property*

Gets or sets a value indicating how empty space left on a printed page is handled.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Indicates how empty space left on a printed page is  
handled.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property FillAreaWidth As PrintInfo.FillEmptyEnum
```

C#

```
[C1DescriptionAttribute("Indicates how empty space left on a printed page is  
handled.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public PrintInfo.FillEmptyEnum FillAreaWidth {get; set;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*GridLines Property*

Gets or sets a value indicating how grid lines are rendered.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Specifies how grid lines are rendered.")> <System.ComponentModel.DefaultValueAttribute()> <b>Public Property GridLines As PrintInfo.GridLinesEnum</b>	
C#	
[C1DescriptionAttribute("Specifies how grid lines are rendered.")] [System.ComponentModel.DefaultValueAttribute()] <b>public PrintInfo.GridLinesEnum GridLines {get; set;}</b>	

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *MaxRowHeight Property*

Gets or sets the maximum row height in hundredths of an inch (used if [VarRowHeight](#) is [PrintInfo.RowHeightEnum.StretchToMax](#)).

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Maximum row height in hundredths of an inch.")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property MaxRowHeight As System.Integer
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Maximum row height in hundredths of an inch.")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.int MaxRowHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *OneFormPerPage Property*

Gets or sets a value indicating whether the grid in Form view style is printed each record per page.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Determines whether the grid in Form DataGridView is printed
one record per page.")>
```

<pre>&lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;System.ComponentModel.LocalizableAttribute(True)&gt; Public Property OneFormPerPage As System.Boolean</pre>	
C#	
<pre>[C1DescriptionAttribute("Determines whether the grid in Form DataGridView is printed one record per page.")] [System.ComponentModel.DefaultValueAttribute()] [System.ComponentModel.LocalizableAttribute(true)] public System.bool OneFormPerPage {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *OwnerDrawPageFooter Property*

Gets or sets a value indicating whether the page footer is owner-drawn.

## Syntax

### Visual Basic (Declaration)

<pre>&lt;C1DescriptionAttribute("Sets or retrieves whether the page footer is owner- drawn.")&gt; &lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;System.ComponentModel.LocalizableAttribute(True)&gt; Public Property OwnerDrawPageFooter As System.Boolean</pre>	
C#	
<pre>[C1DescriptionAttribute("Sets or retrieves whether the page footer is owner- drawn.")]</pre>	

```
[System.ComponentModel.DefaultValueAttribute()]  
[System.ComponentModel.LocalizableAttribute(true)]  
public System.bool OwnerDrawPageFooter {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*OwnerDrawPageHeader Property*

Gets or sets a value indicating whether the page header is owner-drawn.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute("Sets or retrieves whether the page header is owner-drawn.")> <System.ComponentModel.LocalizableAttribute(True)> Public Property OwnerDrawPageHeader As System.Boolean	
C#	
[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Sets or retrieves whether the page header is owner-drawn.")] [System.ComponentModel.LocalizableAttribute(true)] public System.bool OwnerDrawPageHeader {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageBreak Property*

Gets or sets the horizontal page break mode.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Indicates how grid is broken into horizontal pages when  
it is too wide.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property PageBreak As PrintInfo.PageBreaksEnum
```

C#

```
[C1DescriptionAttribute("Indicates how grid is broken into horizontal pages when  
it is too wide.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public PrintInfo.PageBreaksEnum PageBreak {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageFooter Property*

Gets or sets a string to be printed at the bottom of each page.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves a string to be printed at the bottom  
of each page.")>  
<System.ComponentModel.LocalizableAttribute(True)>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property PageFooter As System.String
```

C#

```
[C1DescriptionAttribute("Sets or retrieves a string to be printed at the bottom  
of each page.")]  
[System.ComponentModel.LocalizableAttribute(true)]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.string PageFooter {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageFooterHeight Property*

Gets or sets the page footer height in hundredths of an inch.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>  
<System.ComponentModel.LocalizableAttribute(True)>  
<C1DescriptionAttribute("Height of page footer in hundredths of an inch.")>  
Public Property PageFooterHeight As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Height of page footer in hundredths of an inch.")]
public System.int PageFooterHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageFooterStyle Property*

Gets or sets the style used to render the page footer.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style for printing page footer.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)>
Public Property PageFooterStyle As Style
```

### C#

```
[C1DescriptionAttribute("Style for printing page footer.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)]
public Style PageFooterStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageHeader Property*

Gets or sets the string to be printed at the top of each page.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves a string to be printed at the top of
each page.")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property PageHeader As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves a string to be printed at the top of
each page.")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.string PageHeader {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageHeaderHeight Property*

Gets or sets the height of the Page header.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Height of page header in hundreds of an inch.")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property PageHeaderHeight As System.Integer
```

C#

```
[C1DescriptionAttribute("Height of page header in hundreds of an inch.")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
public System.int PageHeaderHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *PageHeaderStyle Property*

Gets or sets the style used to render the page header.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Style for printing page header.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)>
Public Property PageHeaderStyle As Style
```

C#

```
[C1DescriptionAttribute("Style for printing page header.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Content)]
public Style PageHeaderStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PageSettings Property*

Gets or sets the PageSettings for printing.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Page settings for printing.")>	
Public Property PageSettings As System.Drawing.Printing.PageSettings	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PreviewFormClassName Property*

Gets or sets the class name of the form used as the preview form.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(True)>
<C1DescriptionAttribute("Specifies the class name of the form used as the
preview form.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Property PreviewFormClassName As System.String
```

C#

```
[System.ComponentModel.BrowsableAttribute(true)]
[C1DescriptionAttribute("Specifies the class name of the form used as the
preview form.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.C1TrueDBGridPreviewFormDropDownEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public System.string PreviewFormClassName {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*PrintEmptyGrid Property*

Gets or sets a value whether to print a grid if it has no data rows.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Indicates whether to print the grid if it has no data
rows.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property PrintEmptyGrid As System.Boolean
```

C#

```
[C1DescriptionAttribute("Indicates whether to print the grid if it has no data
rows.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool PrintEmptyGrid {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *PrintHorizontalSplits Property*

Gets or sets a value indicating whether horizontal splits are previewed and printed.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Controls the printing of horizontal splits when
previewing and printing.")>
Public Property PrintHorizontalSplits As System.Boolean
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Controls the printing of horizontal splits when
previewing and printing.")]
public System.bool PrintHorizontalSplits {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *PrintOptionsFormClassName Property*

Gets or sets the class name of the form used as the print options dialog.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
```

```

.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
<System.ComponentModel.BrowsableAttribute(True)>
<C1DescriptionAttribute("Specifies the class name of the form used as the print
options dialog.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
Public Property PrintOptionsFormClassName As System.String

```

C#	
----	--

```

[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.C1TrueDBGridPrintOptionsFormDropDownEditor,
C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.BrowsableAttribute(true)]
[C1DescriptionAttribute("Specifies the class name of the form used as the print
options dialog.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)]
public System.string PrintOptionsFormClassName {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*ProgressCaption Property*

Gets or sets the caption of the print progress dialog.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.LocalizableAttribute(True)> <C1DescriptionAttribute("Specifies the caption of the print progress dialog.")> Public Property ProgressCaption As System.String	
C#	
[System.ComponentModel.DefaultValueAttribute()] [System.ComponentModel.LocalizableAttribute(true)] [C1DescriptionAttribute("Specifies the caption of the print progress dialog.")] public System.string ProgressCaption {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *RepeatColumnFooters Property*

Gets or sets a value indicating whether column footers should appear on each page.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.LocalizableAttribute(True)> <C1DescriptionAttribute("Determines whether column footers should appear on each page.")> <System.ComponentModel.DefaultValueAttribute()> Public Property RepeatColumnFooters As System.Boolean	

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Determines whether column footers should appear on each
page.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool RepeatColumnFooters {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *RepeatColumnHeaders Property*

Gets or sets a value indicating whether column headers should appear on each page.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Determines whether column headers should appear on each
page.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property RepeatColumnHeaders As System.Boolean
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Determines whether column headers should appear on each
page.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool RepeatColumnHeaders {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

*RepeatGridHeader Property*

Gets or sets a value indicating whether the grid caption should appear on each page.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Determines whether the grid caption should appear on
each page.")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property RepeatGridHeader As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Determines whether the grid caption should appear on
each page.")]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool RepeatGridHeader {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *RepeatSplitHeaders Property*

Gets or sets a value indicating whether split captions should appear on each page.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Determines whether split captions should appear on each
page.")>
Public Property RepeatSplitHeaders As System.Boolean
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Determines whether split captions should appear on each
page.")]
public System.bool RepeatSplitHeaders {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *RowCanSplit Property*

Gets or sets a value indicating whether the grid rows can split between pages.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
```

```

<C1DescriptionAttribute("Indicates whether the grid rows can split between
pages.")>
Public Property RowCanSplit As System.Boolean

```

C#	
<pre> [System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Indicates whether the grid rows can split between pages.")]</pre>	
<code>public System.bool RowCanSplit {get; set;}</code>	

## Remarks

This new property helps to print very long text in columns on multiple pages.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *ShowOptionsDialog Property*

Gets or sets a value indicating whether the options dialog is displayed when the grid is printed or exported.

## Syntax

### Visual Basic (Declaration)

```

<C1DescriptionAttribute("Specifies whether the options dialog is displayed when
the grid is printed or exported.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property ShowOptionsDialog As System.Boolean

```

C#

```
[C1DescriptionAttribute("Specifies whether the options dialog is displayed when  
the grid is printed or exported.")]  
[System.ComponentModel.DefaultValueAttribute()]  
[System.ComponentModel.LocalizableAttribute(true)]  
public System.bool ShowOptionsDialog {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *ShowProgressForm Property*

Gets or sets a value indicating whether the progress dialog is displayed when the grid is printed or exported.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>  
<C1DescriptionAttribute("Specifies whether the progress dialog is displayed when  
the grid is printed or exported.")>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property ShowProgressForm As System.Boolean
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]  
[C1DescriptionAttribute("Specifies whether the progress dialog is displayed when  
the grid is printed or exported.")]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool ShowProgressForm {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *ShowSelection Property*

Gets or sets a value indicating whether selected cells will be highlighted when previewing or printing.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Controls the visibility of selected cells for
previewing and printing the grid.")>
Public Property ShowSelection As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Controls the visibility of selected cells for
previewing and printing the grid.")]
public System.bool ShowSelection {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *UseGridColors Property*

Gets or sets a value indicating whether the grid's color scheme is translated to the print page.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Indicates whether the grid's color scheme is used when
printing the grid.")>
Public Property UseGridColors As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Indicates whether the grid's color scheme is used when
printing the grid.")]
public System.bool UseGridColors {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

### *VarRowHeight Property*

Gets or sets a value indicating how row height of the printed grid is determined.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Specifies how row height of the printed grid is
determined.")>
Public Property VarRowHeight As PrintInfo.RowHeightEnum
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Specifies how row height of the printed grid is
determined.")]
public PrintInfo.RowHeightEnum VarRowHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

#### *WrapText Property*

Gets or sets a value that controls how text is wrapped in a cell.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Specifies how word wrap in grid cells is determined
when the grid is printed.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property WrapText As PrintInfo.WrapTextEnum
```

C#

```
[C1DescriptionAttribute("Specifies how word wrap in grid cells is determined
when the grid is printed.")]
```

```
[System.ComponentModel.DefaultValueAttribute()]
public PrintInfo.WrapTextEnum WrapText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintInfo Class](#)

[PrintInfo Members](#)

[PrintOptionsForm](#)

Represents print/export options form.

## Object Model

[PrintOptionsForm](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm
    Inherits System.Windows.Forms.Form
```

C#

```
public class PrintOptionsForm : System.Windows.Forms.Form
```

## Inheritance Hierarchy

System.Object

  System.MarshalByRefObject

  System.ComponentModel.Component

  System.Windows.Forms.Control

  System.Windows.Forms.ScrollableControl

  System.Windows.Forms.ContainerControl

System.Windows.Forms.Form

### C1.Win.C1TrueDBGrid.PrintOptionsForm

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents print/export options form.

## Object Model

PrintOptionsForm

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm  
    Inherits System.Windows.Forms.Form
```

C#

```
public class PrintOptionsForm : System.Windows.Forms.Form
```

## Inheritance Hierarchy

System.Object

  System.MarshalByRefObject

  System.ComponentModel.Component

  System.Windows.Forms.Control

    System.Windows.Forms.ScrollableControl

      System.Windows.Forms.ContainerControl

System.Windows.Forms.Form

## C1.Win.C1TrueDBGrid.PrintOptionsForm

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Fields](#) [Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [PrintOptionsForm](#).

## Public Constructors

	Name	Description
=	<a href="#">PrintOptionsForm Constructor</a>	Creates a new instance of the PrintOptionsFrom class.

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## Public Fields

	Name	Description
◆	<a href="#">m_chkColFooter</a>	
◆	<a href="#">m_chkColHeader</a>	
◆	<a href="#">m_chkGridHeader</a>	
◆	<a href="#">m_chkOneFormPerPage</a>	

◆	m_chkPrintHorzSplits	
◆	m_chkShowProgress	
◆	m_chkSplitHeader	
◆	m_chkUseGridColors	
◆	m_cmbHorzPageBreak	
◆	m_cmbRowHeight	
◆	m_cmbStretchToWidth	
◆	m_cmbWrapText	
◆	m_numFooterHeight	
◆	m_numHeaderHeight	
◆	m_numMaxRowHeight	
◆	m_outputFileName	
◆	m_txtFooter	
◆	m_txtHeader	

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## Protected Fields

	Name	Description
◆	m_action	

💡	m_actionMask
💡	m_btnCancel
💡	m_btnOK
💡	m_btnOptions
💡	m_btnOutputFileName
💡	m_cmbAction
💡	m_exporter
💡	m_fillEmpty
💡	m_grpFormView
💡	m_grpPageHeaders
💡	m_grpRenderOptions
💡	m_lblAction
💡	m_lblFooter
💡	m_lblFooterHeight
💡	m_lblHeader
💡	m_lblHeaderHeight
💡	m_lblHorzPageBreak
💡	m_lblMaxRowHeight

 m_lblOutputFileName	
 m_lblRowHeight	
 m_lblStretchToWidth	
 m_lblWrapText	
 m_pageBreaks	
 m_rowHeight	
 m_wrapText	

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## Public Properties

	Name	Description
 AcceptButton		(Inherited from System.Windows.Forms.Form)
 AccessibilityObject		(Inherited from System.Windows.Forms.Control)
 AccessibleDefaultActionDescription		(Inherited from System.Windows.Forms.Control)
 AccessibleDescription		(Inherited from System.Windows.Forms.Control)
 AccessibleName		(Inherited from System.Windows.Forms.Control)
 AccessibleRole		(Inherited from System.Windows.Forms.Control)
 Action		
 ActionMask		

	<a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)
	<a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DialogResult</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Exporter</a>	
 <a href="#">FillEmpty</a>	
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormBorderStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HelpButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">HorizontalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Icon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">OutputFileName</a>	Gets or sets the output file name.
	<a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">PageBreaks</a>	
	<a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)

 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RowHeight</a>	
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">WrapText</a>	

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## Protected Properties

	Name	Description
 <a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)	
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)	
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateParams</a>	(Inherited from System.Windows.Forms.Form)	

 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## Public Methods

	Name	Description
=	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
=	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
=	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)

<a href="#">≡</a>	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
<a href="#">≡</a>	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
<a href="#">≡</a>	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)

=♪	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♪	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♪	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description
 <a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)	
 <a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)	
 <a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)	

	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">m_btnOptions_Click</a>	
 <a href="#">m_btnOutputFileName_Click</a>	
 <a href="#">m_cmbAction_SelectedIndexChanged</a>	
 <a href="#">m_cmbHorzPageBreak_SelectedIndexChanged</a>	
 <a href="#">m_cmbRowHeight_SelectedIndexChanged</a>	
 <a href="#">m_cmbStretchToWidth_SelectedIndexChanged</a>	
 <a href="#">m_cmbWrapText_SelectedIndexChanged</a>	
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnActionChanged</a>	
 <a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)

 <a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnExporterChanged</a>	
 <a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from

		System.Windows.Forms.Control)
♫	<a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
♫	<a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
♫	<a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">PrintOptionsForm_Closing</a>	
 <a href="#">PrintOptionsForm_Load</a>	
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">UpdateStatus</a>	
	<a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## Public Events

	Name	Description
⚡	ActionChanged	
⚡	Activated	(Inherited from System.Windows.Forms.Form)
⚡	AutoSizeChanged	(Inherited from System.Windows.Forms.Form)
⚡	AutoValidateChanged	(Inherited from System.Windows.Forms.Form)
⚡	BackColorChanged	(Inherited from System.Windows.Forms.Control)
⚡	BackgroundImageChanged	(Inherited from System.Windows.Forms.Control)
⚡	BackgroundImageLayoutChanged	(Inherited from System.Windows.Forms.Control)
⚡	BindingContextChanged	(Inherited from System.Windows.Forms.Control)
⚡	CausesValidationChanged	(Inherited from System.Windows.Forms.Control)
⚡	ChangeUICues	(Inherited from System.Windows.Forms.Control)
⚡	Click	(Inherited from System.Windows.Forms.Control)
⚡	ClientSizeChanged	(Inherited from System.Windows.Forms.Control)
⚡	ContextMenuChanged	(Inherited from System.Windows.Forms.Control)
⚡	ContextMenuStripChanged	(Inherited from System.Windows.Forms.Control)
⚡	ControlAdded	(Inherited from System.Windows.Forms.Control)
⚡	ControlRemoved	(Inherited from System.Windows.Forms.Control)
⚡	CursorChanged	(Inherited from System.Windows.Forms.Control)

 <a href="#">Deactivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ExporterChanged</a>	
 <a href="#">FontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FormClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">FormClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">GiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HandleCreated</a>	(Inherited from System.Windows.Forms.Control)

 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HelpButtonClicked	(Inherited from System.Windows.Forms.Form)
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 InputLanguageChanged	(Inherited from System.Windows.Forms.Form)
 InputLanguageChanging	(Inherited from System.Windows.Forms.Form)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)
 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)
 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 Load	(Inherited from System.Windows.Forms.Form)
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MaximizedBoundsChanged	(Inherited from System.Windows.Forms.Form)
 MaximumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MdiChildActivate	(Inherited from System.Windows.Forms.Form)

 <a href="#">MenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MenuStart</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Scroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Shown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

## Reference

[PrintOptionsForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm Constructor*

Creates a new instance of the PrintOptionsFrom class.

## Syntax

Visual Basic (Declaration)

```
Public Function New()
```

C#

```
public PrintOptionsForm()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

### Methods

For a list of all members of this type, see [PrintOptionsForm members](#).

## Public Methods

	Name	Description
=	<a href="#">Activate</a>	(Inherited from System.Windows.Forms.Form)
=	<a href="#">AddOwnedForm</a>	(Inherited from System.Windows.Forms.Form)

=♪	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Close</a>	(Inherited from System.Windows.Forms.Form)
=♪	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
=♪	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
=♪	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
=♪	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♪	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)

≡	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
≡	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
≡	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
≡	<a href="#">LayoutMdi</a>	(Inherited from System.Windows.Forms.Form)
≡	<a href="#">PerformAutoScale</a>	(Inherited from System.Windows.Forms.ContainerControl)
≡	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
≡	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">RemoveOwnedForm</a>	(Inherited from System.Windows.Forms.Form)
≡	<a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
≡	<a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
≡	<a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)

=♡	<a href="#">ScrollControlIntoView</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetAutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
=♡	<a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
=♡	<a href="#">SetDesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SetDesktopLocation</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Show</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">ShowDialog</a>	Overloaded. (Inherited from System.Windows.Forms.Form)
=♡	<a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">ToString</a>	(Inherited from System.Windows.Forms.Form)
=♡	<a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)
=♡	<a href="#">Validate</a>	Overloaded. (Inherited from System.Windows.Forms.ContainerControl)
=♡	<a href="#">ValidateChildren</a>	Overloaded. (Inherited from System.Windows.Forms.Form)

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## Protected Methods

	Name	Description

	<a href="#">ActivateMdiChild</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AdjustFormScrollbars</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToParent</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CenterToScreen</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">GetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)
	<a href="#">GetService</a>	(Inherited from

		System.ComponentModel.Component)
💡	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InitLayout</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">IsInputChar</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">IsInputKey</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">m_btnOptions_Click</a>	
💡	<a href="#">m_btnOutputFileName_Click</a>	

 <a href="#">m_cmbAction_SelectedIndexChanged</a>	
 <a href="#">m_cmbHorzPageBreak_SelectedIndexChanged</a>	
 <a href="#">m_cmbRowHeight_SelectedIndexChanged</a>	
 <a href="#">m_cmbStretchToWidth_SelectedIndexChanged</a>	
 <a href="#">m_cmbWrapText_SelectedIndexChanged</a>	
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnActionChanged</a>	
 <a href="#">OnActivated</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnAutoValidateChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDeactivate</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnEnter</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnExporterChanged</a>	
 <a href="#">OnFontChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormClosed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnFormClosing</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnGotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHelpButtonClicked</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInputLanguageChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInputLanguageChanging</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLeave</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnLoad</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMaximizedBoundsChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMaximumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMdiChildActivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuComplete</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMenuStart</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMinimumSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClicked</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseWheel</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnPaint</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnRightToLeftChanged</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnRightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">OnShown</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnVisibleChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">PrintOptionsForm_Closing</a>	
 <a href="#">PrintOptionsForm_Load</a>	
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ProcessTabKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from

		System.Windows.Forms.Control
💡	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
💡	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Form)
💡	<a href="#">ScrollToControl</a>	(Inherited from System.Windows.Forms.ScrollableControl)
💡	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
💡	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Form)
💡	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Form)
💡	<a href="#">SetDisplayRectLocation</a>	(Inherited from System.Windows.Forms.ScrollableControl)
💡	<a href="#">SetScrollState</a>	(Inherited from System.Windows.Forms.ScrollableControl)

 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateDefaultButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UpdateStatus</a>	
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	(Inherited from System.Windows.Forms.Form)

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## See Also

### Reference

[PrintOptionsForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Dispose Method*

Called when the class is being disposed.

## Overload List

Overload	Description

<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.
<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

[Dispose\(Boolean\) Method](#)

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#	
----	--

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

[Overload List](#)

*m\_btnOptions\_Click Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_btnOptions_Click( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void m_btnOptions_Click(
    System.Object sender,
    System.EventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_btnOutputFileName\_Click Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_btnOutputFileName_Click( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void m_btnOutputFileName_Click(
    System.Object sender,
    System.EventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_cmbAction\_SelectedIndexChanged Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_cmbAction_SelectedIndexChanged( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void m_cmbAction_SelectedIndexChanged(
    System.Object sender,
    System.EventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbHorzPageBreak\_SelectedIndexChanged Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_cmbHorzPageBreak_SelectedIndexChanged( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void m_cmbHorzPageBreak_SelectedIndexChanged(
    System.Object sender,
    System.EventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbRowHeight\_SelectedIndexChanged Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub m_cmbRowHeight_SelectedIndexChanged( _</pre>	
<pre>    ByVal sender As System.Object, _</pre>	
<pre>    ByVal e As System.EventArgs _</pre>	
)	

C#	
<pre>protected virtual void m_cmbRowHeight_SelectedIndexChanged(     System.Object sender,     System.EventArgs e )</pre>	

## Parameters

*sender*

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbStretchToWidth\_SelectedIndexChanged Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_cmbStretchToWidth_SelectedIndexChanged( _  
    ByVal sender As System.Object, _  
    ByVal e As System.EventArgs _  
)
```

C#

```
protected virtual void m_cmbStretchToWidth_SelectedIndexChanged(  
    System.Object sender,  
    System.EventArgs e  
)
```

### Parameters

*sender*

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbWrapText\_SelectedIndexChanged Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub m_cmbWrapText_SelectedIndexChanged( _  
    ByVal sender As System.Object, _  
    ByVal e As System.EventArgs _  
)
```

C#

```
protected virtual void m_cmbWrapText_SelectedIndexChanged(  
    System.Object sender,  
    System.EventArgs e  
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*OnActionChanged Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnActionChanged( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected virtual void OnActionChanged(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*OnExporterChanged Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnExporterChanged( _     ByVal e As System.EventArgs _ )</pre>	
C#	

```
protected virtual void OnExporterChanged(  
    System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*PrintOptionsForm\_Closing Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub PrintOptionsForm_Closing( _     ByVal sender As System.Object, _     ByVal e As System.ComponentModel.CancelEventArgs _ )</pre>	
C#	
<pre>protected virtual void PrintOptionsForm_Closing(     System.Object sender,     System.ComponentModel.CancelEventArgs e )</pre>	

## Parameters

sender

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*PrintOptionsForm\_Load Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub PrintOptionsForm_Load( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void PrintOptionsForm_Load(
    System.Object sender,
    System.EventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*UpdateStatus Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub UpdateStatus()</pre>	
C#	
<pre>protected virtual void UpdateStatus()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*Properties*

>

Name	Description
 <a href="#">AcceptButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Action</a>	
 <a href="#">ActionMask</a>	
 <a href="#">ActiveControl</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">ActiveMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AllowTransparency</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">AutoScroll</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoScrollMargin</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollMinSize</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">AutoScrollPosition</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">AutoSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoSizeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">AutoValidate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.ContainerControl)

 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CancelButton</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CurrentAutoScaleDimensions</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DesktopBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesktopLocation</a>	(Inherited from System.Windows.Forms.Form)

 DialogResult	(Inherited from System.Windows.Forms.Form)
 DisplayRectangle	(Inherited from System.Windows.Forms.ScrollableControl)
 Disposing	(Inherited from System.Windows.Forms.Control)
 Dock	(Inherited from System.Windows.Forms.Control)
 Enabled	(Inherited from System.Windows.Forms.Control)
 Exporter	
 FillEmpty	
 Focused	(Inherited from System.Windows.Forms.Control)
 Font	(Inherited from System.Windows.Forms.Control)
 ForeColor	(Inherited from System.Windows.Forms.Control)
 FormBorderStyle	(Inherited from System.Windows.Forms.Form)
 Handle	(Inherited from System.Windows.Forms.Control)
 HasChildren	(Inherited from System.Windows.Forms.Control)
 Height	(Inherited from System.Windows.Forms.Control)
 HelpButton	(Inherited from System.Windows.Forms.Form)
 HorizontalScroll	(Inherited from System.Windows.Forms.ScrollableControl)
 Icon	(Inherited from System.Windows.Forms.Form)
 ImeMode	(Inherited from System.Windows.Forms.Control)
 InvokeRequired	(Inherited from System.Windows.Forms.Control)
 IsAccessible	(Inherited from System.Windows.Forms.Control)
 IsDisposed	(Inherited from System.Windows.Forms.Control)
 IsHandleCreated	(Inherited from System.Windows.Forms.Control)

 <a href="#">IsMdiChild</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMdiContainer</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsRestrictedWindow</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">KeyPreview</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MainMenuStrip</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiChildren</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MdiParent</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Menu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MergedMenu</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimizeBox</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Modal</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Opacity</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">OutputFileName</a>	Gets or sets the output file name.
 <a href="#">OwnedForms</a>	(Inherited from System.Windows.Forms.Form)

 <a href="#">Owner</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PageBreaks</a>	
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentForm</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RestoreBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayout</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RowHeight</a>	
 <a href="#">ShowIcon</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ShowInTaskbar</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">SizeGripStyle</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">StartPosition</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevel</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopMost</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">TransparencyKey</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VerticalScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WindowState</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">WrapText</a>	

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## Protected Properties

Name	Description
 <a href="#">AutoScaleFactor</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.ContainerControl)
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateParams</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximizedBounds</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShowWithoutActivation</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">VScroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)

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## See Also

### Reference

[PrintOptionsForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Action Property*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Property Action As PrintInfo.ActionFlags  
C#  
  
public PrintInfo.ActionFlags Action {get; set;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

## Reference

## [PrintOptionsForm Class](#)

## [PrintOptionsForm Members](#)

#### *ActionMask Property*

# Syntax

```
Visual Basic (Declaration)  
  
Public Property ActionMask As PrintInfo.ActionFlags  
  
C#  
  
public PrintInfo.ActionFlags ActionMask {get; set;}
```

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

## Reference

## PrintOptionsForm Class

### PrintOptionsForm Members

*Exporter Property*

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Exporter As System.Object</pre>	
C#	
<pre>public System.Object Exporter {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*FillEmpty Property*

## Syntax

Visual Basic (Declaration)	
<pre>Public Property FillEmpty As PrintInfo.FillEmptyEnum</pre>	
C#	
<pre>public PrintInfo.FillEmptyEnum FillEmpty {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*OutputFileName Property*

Gets or sets the output file name.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property OutputFileName As System.String</pre>	
C#	
<pre>public System.string OutputFileName {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008

(Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later),

Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*PageBreaks Property*

## Syntax

Visual Basic (Declaration)	
<pre>Public Property PageBreaks As PrintInfo.PageBreaksEnum</pre>	
C#	
<pre>public PrintInfo.PageBreaksEnum PageBreaks {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*RowHeight Property*

## Syntax

Visual Basic (Declaration)	
<pre>Public Property RowHeight As PrintInfo.RowHeightEnum</pre>	
C#	
<pre>public PrintInfo.RowHeightEnum RowHeight {get; set;}</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*WrapText Property*

## Syntax

Visual Basic (Declaration)	
<pre>Public Property WrapText As PrintInfo.WrapTextEnum</pre>	
C#	

```
public PrintInfo.WrapTextEnum WrapText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

#### *Fields*

For a list of all members of this type, see [PrintOptionsForm members](#).

## Public Fields

	Name	Description
◆	<a href="#">m_chkColFooter</a>	
◆	<a href="#">m_chkColHeader</a>	
◆	<a href="#">m_chkGridHeader</a>	
◆	<a href="#">m_chkOneFormPerPage</a>	
◆	<a href="#">m_chkPrintHorzSplits</a>	
◆	<a href="#">m_chkShowProgress</a>	
◆	<a href="#">m_chkSplitHeader</a>	
◆	<a href="#">m_chkUseGridColors</a>	
◆	<a href="#">m_cmbHorzPageBreak</a>	

◆	m_cmbRowHeight	
◆	m_cmbStretchToWidth	
◆	m_cmbWrapText	
◆	m_numFooterHeight	
◆	m_numHeaderHeight	
◆	m_numMaxRowHeight	
◆	m_outputFileName	
◆	m_txtFooter	
◆	m_txtHeader	

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## Protected Fields

	Name	Description
◆	m_action	
◆	m_actionMask	
◆	m_btnCancel	
◆	m_btnOK	
◆	m_btnOptions	
◆	m_btnOutputFileName	

💡	m_cmbAction
💡	m_exporter
💡	m_fillEmpty
💡	m_grpFormView
💡	m_grpPageHeaders
💡	m_grpRenderOptions
💡	m_lblAction
💡	m_lblFooter
💡	m_lblFooterHeight
💡	m_lblHeader
💡	m_lblHeaderHeight
💡	m_lblHorzPageBreak
💡	m_lblMaxRowHeight
💡	m_lblOutputFileName
💡	m_lblRowHeight
💡	m_lblStretchToWidth
💡	m_lblWrapText
💡	m_pageBreaks

 m_rowHeight	
 m_wrapText	

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## See Also

### Reference

[PrintOptionsForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*m\_action Field*

## Syntax

Visual Basic (Declaration)	
<code>Protected m_action As PrintInfo.ActionFlags</code>	
C#	
<code>protected PrintInfo.ActionFlags m_action</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_actionMask Field*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<code>Protected m_actionMask As PrintInfo.ActionFlags</code>	
C#	
<code>protected PrintInfo.ActionFlags m_actionMask</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_btnCancel Field*

## Syntax

Visual Basic (Declaration)	
<code>Protected m_btnCancel As System.Windows.Forms.Button</code>	
C#	
<code>protected System.Windows.Forms.Button m_btnCancel</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_btnOK Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_btnOK As System.Windows.Forms.Button</pre>	
C#	
<pre>protected System.Windows.Forms.Button m_btnOK</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_btnOptions Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_btnOptions As System.Windows.Forms.Button</pre>	
C#	
<pre>protected System.Windows.Forms.Button m_btnOptions</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_btnOutputFileName Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_btnOutputFileName As System.Windows.Forms.Button</pre>	
C#	
<pre>protected System.Windows.Forms.Button m_btnOutputFileName</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkColFooter Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_chkColFooter As System.Windows.Forms.CheckBox</pre>	
C#	
<pre>public System.Windows.Forms.CheckBox m_chkColFooter</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_chkColHeader Field*

### Syntax

Visual Basic (Declaration)	
<pre>Public m_chkColHeader As System.Windows.Forms.CheckBox</pre>	
C#	
<pre>public System.Windows.Forms.CheckBox m_chkColHeader</pre>	

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_chkGridHeader Field*

### Syntax

Visual Basic (Declaration)	
<pre>Public m_chkGridHeader As System.Windows.Forms.CheckBox</pre>	
C#	
<pre>public System.Windows.Forms.CheckBox m_chkGridHeader</pre>	

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkOneFormPerPage Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_chkOneFormPerPage As System.Windows.Forms.CheckBox</pre>	
C#	
<pre>public System.Windows.Forms.CheckBox m_chkOneFormPerPage</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkPrintHorzSplits Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_chkPrintHorzSplits As System.Windows.Forms.CheckBox</pre>	
C#	

```
public System.Windows.Forms.CheckBox m_chkPrintHorzSplits
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkShowProgress Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_chkShowProgress As System.Windows.Forms.CheckBox</pre>	
C#	
<pre>public System.Windows.Forms.CheckBox m_chkShowProgress</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkSplitHeader Field*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public m_chkSplitHeader As System.Windows.Forms.CheckBox
```

C#

```
public System.Windows.Forms.CheckBox m_chkSplitHeader
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_chkUseGridColors Field*

## Syntax

Visual Basic (Declaration)

```
Public m_chkUseGridColors As System.Windows.Forms.CheckBox
```

C#

```
public System.Windows.Forms.CheckBox m_chkUseGridColors
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbAction* Field

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_cmbAction As System.Windows.Forms.ComboBox</pre>	
C#	
<pre>protected System.Windows.Forms.ComboBox m_cmbAction</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbHorzPageBreak* Field

## Syntax

Visual Basic (Declaration)	
<pre>Public m_cmbHorzPageBreak As System.Windows.Forms.ComboBox</pre>	
C#	
<pre>public System.Windows.Forms.ComboBox m_cmbHorzPageBreak</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbRowHeight Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_cmbRowHeight As System.Windows.Forms.ComboBox</pre>	
C#	
<pre>public System.Windows.Forms.ComboBox m_cmbRowHeight</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_cmbStretchToWidth Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_cmbStretchToWidth As System.Windows.Forms.ComboBox</pre>	
C#	
<pre>public System.Windows.Forms.ComboBox m_cmbStretchToWidth</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_cmbWrapText Field*

### Syntax

Visual Basic (Declaration)	
<pre>Public m_cmbWrapText As System.Windows.Forms.ComboBox</pre>	
C#	
<pre>public System.Windows.Forms.ComboBox m_cmbWrapText</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_exporter Field*

### Syntax

Visual Basic (Declaration)	
<pre>Protected m_exporter As System.Object</pre>	
C#	
<pre>protected System.Object m_exporter</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_fillEmpty Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_fillEmpty As PrintInfo.FillEmptyEnum</pre>	
C#	
<pre>protected PrintInfo.FillEmptyEnum m_fillEmpty</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_grpFormView Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_grpFormView As System.Windows.Forms.GroupBox</pre>	
C#	

```
protected System.Windows.Forms.GroupBox m_grpFormView
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_grpPageHeaders Field*

## Syntax

Visual Basic (Declaration)	
<b>Protected</b> m_grpPageHeaders <b>As</b> System.Windows.Forms.GroupBox	
C#	
<b>protected</b> System.Windows.Forms.GroupBox m_grpPageHeaders	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_grpRenderOptions Field*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<code>Protected m_grpRenderOptions As System.Windows.Forms.GroupBox</code>	
C#	
<code>protected System.Windows.Forms.GroupBox m_grpRenderOptions</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblAction Field*

## Syntax

Visual Basic (Declaration)	
<code>Protected m_lblAction As System.Windows.Forms.Label</code>	
C#	
<code>protected System.Windows.Forms.Label m_lblAction</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblFooter* Field

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblFooter As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblFooter</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblFooterHeight* Field

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblFooterHeight As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblFooterHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblHeader Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblHeader As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblHeader</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblHeaderHeight Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblHeaderHeight As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblHeaderHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_lblHorzPageBreak Field*

### Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblHorzPageBreak As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblHorzPageBreak</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_lblMaxRowHeight Field*

### Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblMaxRowHeight As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblMaxRowHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblOutputFileName Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblOutputFileName As System.Windows.Forms.Label</pre>	
C#	
<pre>protected System.Windows.Forms.Label m_lblOutputFileName</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblRowHeight Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_lblRowHeight As System.Windows.Forms.Label</pre>	
C#	

```
protected System.Windows.Forms.Label m_lblRowHeight
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblStretchToWidth Field*

## Syntax

Visual Basic (Declaration)	
<b>Protected</b> m_lblStretchToWidth As System.Windows.Forms.Label	
C#	
<b>protected</b> System.Windows.Forms.Label m_lblStretchToWidth	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_lblWrapText Field*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<code>Protected m_lblWrapText As System.Windows.Forms.Label</code>	
C#	
<code>protected System.Windows.Forms.Label m_lblWrapText</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_numFooterHeight Field*

## Syntax

Visual Basic (Declaration)	
<code>Public m_numFooterHeight As System.Windows.Forms.NumericUpDown</code>	
C#	
<code>public System.Windows.Forms.NumericUpDown m_numFooterHeight</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_numHeaderHeight* Field

## Syntax

Visual Basic (Declaration)	
<pre>Public m_numHeaderHeight As System.Windows.Forms.NumericUpDown</pre>	
C#	
<pre>public System.Windows.Forms.NumericUpDown m_numHeaderHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_numMaxRowHeight* Field

## Syntax

Visual Basic (Declaration)	
<pre>Public m_numMaxRowHeight As System.Windows.Forms.NumericUpDown</pre>	
C#	
<pre>public System.Windows.Forms.NumericUpDown m_numMaxRowHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_outputFileName Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_outputFileName As System.Windows.Forms.TextBox</pre>	
C#	
<pre>public System.Windows.Forms.TextBox m_outputFileName</pre>	

```
public System.Windows.Forms.TextBox m_outputFileName
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_pageBreaks Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_pageBreaks As PrintInfo.PageBreaksEnum</pre>	
C#	
<pre>protected PrintInfo.PageBreaksEnum m_pageBreaks</pre>	

```
protected PrintInfo.PageBreaksEnum m_pageBreaks
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_rowHeight Field*

### Syntax

Visual Basic (Declaration)	
<pre>Protected m_rowHeight As PrintInfo.RowHeightEnum</pre>	
C#	
<pre>protected PrintInfo.RowHeightEnum m_rowHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*m\_txtFooter Field*

### Syntax

Visual Basic (Declaration)	
<pre>Public m_txtFooter As System.Windows.Forms.TextBox</pre>	
C#	
<pre>public System.Windows.Forms.TextBox m_txtFooter</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_txtHeader Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public m_txtHeader As System.Windows.Forms.TextBox</pre>	
C#	
<pre>public System.Windows.Forms.TextBox m_txtHeader</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

*m\_wrapText Field*

## Syntax

Visual Basic (Declaration)	
<pre>Protected m_wrapText As PrintInfo.WrapTextEnum</pre>	
C#	

```
protected PrintInfo.WrapTextEnum m_wrapText
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)

[PrintOptionsForm Members](#)

#### *Events*

For a list of all members of this type, see [PrintOptionsForm members](#).

## Public Events

	Name	Description
	<a href="#">ActionChanged</a>	
	<a href="#">Activated</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoSizeChanged</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">AutoValidateChanged</a>	(Inherited from System.Windows.Forms.Form)
	<a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Deactivate</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">EnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Enter</a>	(Inherited from System.Windows.Forms.Control)

 ExporterChanged	
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 FormClosed	(Inherited from System.Windows.Forms.Form)
 FormClosing	(Inherited from System.Windows.Forms.Form)
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 HandleCreated	(Inherited from System.Windows.Forms.Control)
 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HelpButtonClicked	(Inherited from System.Windows.Forms.Form)
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 InputLanguageChanged	(Inherited from System.Windows.Forms.Form)
 InputLanguageChanging	(Inherited from System.Windows.Forms.Form)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)
 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)

 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 Load	(Inherited from System.Windows.Forms.Form)
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MaximizedBoundsChanged	(Inherited from System.Windows.Forms.Form)
 MaximumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MdiChildActivate	(Inherited from System.Windows.Forms.Form)
 MenuComplete	(Inherited from System.Windows.Forms.Form)
 MenuStart	(Inherited from System.Windows.Forms.Form)
 MinimumSizeChanged	(Inherited from System.Windows.Forms.Form)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)
 MouseEnter	(Inherited from System.Windows.Forms.Control)
 MouseHover	(Inherited from System.Windows.Forms.Control)
 MouseLeave	(Inherited from System.Windows.Forms.Control)

 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeBegin</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">ResizeEnd</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftLayoutChanged</a>	(Inherited from System.Windows.Forms.Form)
 <a href="#">Scroll</a>	(Inherited from System.Windows.Forms.ScrollableControl)
 <a href="#">Shown</a>	(Inherited from System.Windows.Forms.Form)

	<a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

### Reference

[PrintOptionsForm Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ActionChanged Event*

### Syntax

Visual Basic (Declaration)	
<pre>Public Event ActionChanged As System.EventHandler</pre>	
C#	
<pre>public event System.EventHandler ActionChanged</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

*ExporterChanged Event*

## Syntax

Visual Basic (Declaration)

```
Public Event ExporterChanged As System.EventHandler
```

C#

```
public event System.EventHandler ExporterChanged
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm Class](#)  
[PrintOptionsForm Members](#)

[PrintOptionsForm.ActionItem](#)

### Object Model

[PrintOptionsForm.ActionItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.ActionItem
```

C#

```
public class PrintOptionsForm.ActionItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.ActionItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.ActionItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[PrintOptionsForm.ActionItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.ActionItem
```

C#

```
public class PrintOptionsForm.ActionItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.ActionItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.ActionItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Fields](#) [Properties](#) [Methods](#)

The following tables list the members exposed by [PrintOptionsForm.ActionItem](#).

## Public Constructors

	Name	Description
=	<a href="#">PrintOptionsForm.ActionItem Constructor</a>	Creates a new instance of the ActionItem class.

[Top](#)

## Public Fields

	Name	Description
◆ S	<a href="#">Empty</a>	

[Top](#)

## Public Properties

	Name	Description
█	<a href="#">Action</a>	
█	<a href="#">Provider</a>	

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## Public Methods

	Name	Description

 <a href="#">ToString</a>	
--	--

[Top](#)

## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm.ActionItem Constructor*

Creates a new instance of the ActionItem class.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function New( _
    ByVal action As PrintInfo.ActionFlags, _
    ByVal provider As System.Object _
)
```

C#	
----	--

```
public PrintOptionsForm.ActionItem(
    PrintInfo.ActionFlags action,
    System.Object provider
)
```

### Parameters

*action*

*provider*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintOptionsForm.ActionItem Class](#)

[PrintOptionsForm.ActionItem Members](#)

### Methods

>

Name	Description
------	-------------

 [ToString](#)

[Top](#)

## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ToString Method*

### Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.string ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[PrintOptionsForm.ActionItem Members](#)

## *Properties*

>

Name	Description
 <a href="#">Action</a>	
 <a href="#">Provider</a>	

[Top](#)

## **See Also**

### **Reference**

[PrintOptionsForm.ActionItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Action Property*

### **Syntax**

Visual Basic (Declaration)

```
Public Property Action As PrintInfo.ActionFlags
```

C#

```
public PrintInfo.ActionFlags Action {get; set;}
```

## **Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## **See Also**

### **Reference**

[PrintOptionsForm.ActionItem Class](#)

[PrintOptionsForm.ActionItem Members](#)

*Provider Property*

### **Syntax**

Visual Basic (Declaration)

**Public Property Provider As System.Object**

C#

```
public System.Object Provider {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[PrintOptionsForm.ActionItem Members](#)

#### Fields

>

##### Name

##### Description

◆ S Empty

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## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Empty Field

## Syntax

Visual Basic (Declaration)

**Public Shared Empty As PrintOptionsForm.ActionItem**

C#

```
public static PrintOptionsForm.ActionItem Empty
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.ActionItem Class](#)

[PrintOptionsForm.ActionItem Members](#)

[PrintOptionsForm.FillEmptyItem](#)

## Object Model

[PrintOptionsForm.FillEmptyItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.FillEmptyItem
```

C#

```
public class PrintOptionsForm.FillEmptyItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.FillEmptyItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[PrintOptionsForm.FillEmptyItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.FillEmptyItem
```

C#

```
public class PrintOptionsForm.FillEmptyItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.FillEmptyItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Fields](#) [Methods](#)

The following tables list the members exposed by [PrintOptionsForm.FillEmptyItem](#).

## Public Constructors

	Name	Description
=	<a href="#">PrintOptionsForm.FillEmptyItem Constructor</a>	

[Top](#)

## Public Fields

	Name	Description
◆	<a href="#">FillEmpty</a>	
◆ S	<a href="#">FillEmptyItems</a>	

[Top](#)

## Public Methods

	Name	Description
=	<a href="#">ToString</a>	

[Top](#)

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm.FillEmptyItem Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal fe As PrintInfo.FillEmptyEnum _</pre>	

```

)
C#
public PrintOptionsForm.FillEmptyItem(
    PrintInfo.FillEmptyEnum fe
)

```

## Parameters

*fe*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)  
[PrintOptionsForm.FillEmptyItem Members](#)

#### Methods

>

Name	Description
------	-------------

 [ToString](#)

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## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ToString* Method

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)

[PrintOptionsForm.FillEmptyItem Members](#)

#### Fields

>

Name	Description
------	-------------

◆ [FillEmpty](#)

◆ S [FillEmptyItems](#)

[Top](#)

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*FillEmpty Field*

## Syntax

Visual Basic (Declaration)

```
Public FillEmpty As PrintInfo.FillEmptyEnum
```

C#

```
public PrintInfo.FillEmptyEnum FillEmpty
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)

[PrintOptionsForm.FillEmptyItem Members](#)

*FillEmptyItems Field*

## Syntax

Visual Basic (Declaration)

```
Public Shared FillEmptyItems As PrintOptionsForm.FillEmptyItem()
```

C#

```
public static PrintOptionsForm.FillEmptyItem[] FillEmptyItems
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.FillEmptyItem Class](#)

[PrintOptionsForm.FillEmptyItem Members](#)

PrintOptionsForm.PageBreakItem

## Object Model

PrintOptionsForm.PageBreakItem

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.PageBreakItem
```

C#

```
public class PrintOptionsForm.PageBreakItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.PageBreakItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

PrintOptionsForm.PageBreakItem Members

C1.Win.C1TrueDBGrid Namespace

*Overview*

## Object Model

PrintOptionsForm.PageBreakItem

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.PageBreakItem
```

C#

```
public class PrintOptionsForm.PageBreakItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.PageBreakItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Fields](#) [Methods](#)

The following tables list the members exposed by [PrintOptionsForm.PageBreakItem](#).

## Public Constructors

	Name	Description
=	<a href="#">PrintOptionsForm.PageBreakItem Constructor</a>	

[Top](#)

## Public Fields

	Name	Description
 	<a href="#">PageBreakItems</a>	

	<a href="#">PageBreaks</a>	
---	----------------------------	--

[Top](#)

## Public Methods

	Name	Description
	<a href="#">ToString</a>	

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## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm.PageBreakItem Constructor*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function New( _
    ByVal pb As PrintInfo.PageBreaksEnum _
)
```

C#	
----	--

```
public PrintOptionsForm.PageBreakItem(
    PrintInfo.PageBreaksEnum pb
)
```

### Parameters

*pb*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)

[PrintOptionsForm.PageBreakItem Members](#)

### Methods

>

Name	Description
<a href="#">≡ToString</a>	
<a href="#">Top</a>	

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ToString Method*

### Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.string ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)  
[PrintOptionsForm.PageBreakItem Members](#)

*Fields*

>

Name	Description
 <a href="#">PageBreakItems</a>	
 <a href="#">PageBreaks</a>	

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## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*PageBreakItems Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public Shared PageBreakItems As PrintOptionsForm.PageBreakItem()</pre>	
C#	
<pre>public static PrintOptionsForm.PageBreakItem[] PageBreakItems</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)  
[PrintOptionsForm.PageBreakItem Members](#)

*PageBreaks Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public PageBreaks As PrintInfo.PageBreaksEnum</pre>	
C#	
<pre>public PrintInfo.PageBreaksEnum PageBreaks</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.PageBreakItem Class](#)

[PrintOptionsForm.PageBreakItem Members](#)

[PrintOptionsForm.RowHeightItem](#)

## Object Model

[PrintOptionsForm.RowHeightItem](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class PrintOptionsForm.RowHeightItem</pre>	
C#	
<pre>public class PrintOptionsForm.RowHeightItem</pre>	

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.RowHeightItem**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[PrintOptionsForm.RowHeightItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.RowHeightItem
```

C#

```
public class PrintOptionsForm.RowHeightItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.RowHeightItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Fields](#) [Methods](#)

The following tables list the members exposed by [PrintOptionsForm.RowHeightItem](#).

## Public Constructors

	Name	Description
≡ 	<a href="#">PrintOptionsForm.RowHeightItem Constructor</a>	

[Top](#)

## Public Fields

	Name	Description
◆ 	<a href="#">RowHeight</a>	
◆ S 	<a href="#">RowHeightItems</a>	

[Top](#)

## Public Methods

	Name	Description
≡ 	<a href="#">ToString</a>	

[Top](#)

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm.RowHeightItem Constructor*

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal rh As PrintInfo.RowHeightEnum _
)
```

C#

```
public PrintOptionsForm.RowHeightItem(
    PrintInfo.RowHeightEnum rh
)
```

### Parameters

*rh*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)

[PrintOptionsForm.RowHeightItem Members](#)

### Methods

>

Name	Description
<a href="#">ToString</a>	
<a href="#">Top</a>	

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	
<pre>public override System.string ToString()</pre>	


## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)  
[PrintOptionsForm.RowHeightItem Members](#)

#### Fields

>

	Name	Description
◆	RowHeight	
◆ S	RowHeightItems	

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## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*RowHeight Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public RowHeight As PrintInfo.RowHeightEnum</pre>	
C#	
<pre>public PrintInfo.RowHeightEnum RowHeight</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)

[PrintOptionsForm.RowHeightItem Members](#)

*RowHeightItems Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public Shared RowHeightItems As PrintOptionsForm.RowHeightItem()</pre>	
C#	
<pre>public static PrintOptionsForm.RowHeightItem[] RowHeightItems</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.RowHeightItem Class](#)  
[PrintOptionsForm.RowHeightItem Members](#)

[PrintOptionsForm.WrapTextItem](#)

## Object Model

[PrintOptionsForm.WrapTextItem](#)

## Syntax

Visual Basic (Declaration)

```
Public Class PrintOptionsForm.WrapTextItem
```

C#

```
public class PrintOptionsForm.WrapTextItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.WrapTextItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

## Object Model

[PrintOptionsForm.WrapTextItem](#)

## Syntax

Visual Basic (Declaration)	
----------------------------	--

Public Class PrintOptionsForm.WrapTextItem	
--	--

C#	
----	--

public class PrintOptionsForm.WrapTextItem	
--	--

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintOptionsForm.WrapTextItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Fields](#) [Methods](#)

The following tables list the members exposed by [PrintOptionsForm.WrapTextItem](#).

## Public Constructors

	Name	Description
=	<a href="#">PrintOptionsForm.WrapTextItem Constructor</a>	

[Top](#)

## Public Fields

	Name	Description

 	<a href="#">WrapText</a>	
 	<a href="#">WrapTextItems</a>	

[Top](#)

## Public Methods

	Name	Description
 	<a href="#">ToString</a>	

[Top](#)

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*PrintOptionsForm.WrapTextItem Constructor*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal wt As PrintInfo.WrapTextEnum _ )</pre>	
C#	
<pre>public PrintOptionsForm.WrapTextItem(     PrintInfo.WrapTextEnum wt )</pre>	

### Parameters

*wt*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)

[PrintOptionsForm.WrapTextItem Members](#)

### Methods

>

Name	Description
------	-------------

= [ToString](#)

[Top](#)

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.string ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintOptionsForm.WrapTextItem Class](#)  
[PrintOptionsForm.WrapTextItem Members](#)

### Fields

>

Name	Description
 <a href="#">WrapText</a>	
  <a href="#">WrapTextItems</a>	

[Top](#)

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*WrapText Field*

### Syntax

Visual Basic (Declaration)

```
Public WrapText As PrintInfo.WrapTextEnum
```

C#

```
public PrintInfo.WrapTextEnum WrapText
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)  
[PrintOptionsForm.WrapTextItem Members](#)

*WrapTextItems Field*

## Syntax

Visual Basic (Declaration)

```
Public Shared WrapTextItems As PrintOptionsForm.WrapTextItem()
```

C#

```
public static PrintOptionsForm.WrapTextItem[] WrapTextItems
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintOptionsForm.WrapTextItem Class](#)  
[PrintOptionsForm.WrapTextItem Members](#)

[PrintPreviewWinSettings](#)

Specifies the characteristics of the print preview window shown by the [PrintInfo.PrintPreview](#) method.

## Object Model

[PrintPreviewWinSettings](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
```

```

PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class PrintPreviewWinSettings
C#
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class PrintPreviewWinSettings
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintPreviewWinSettings**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Specifies the characteristics of the print preview window shown by the [PrintInfo.PrintPreview](#) method.

## Object Model

[PrintPreviewWinSettings](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
```

```

<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class PrintPreviewWinSettings

```

C#

```

[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class PrintPreviewWinSettings

```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.PrintPreviewWinSettings**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [PrintPreviewWinSettings](#).

## Public Properties

	Name	Description
	<a href="#">AllowSizing</a>	Gets or sets a value indicating whether the end user has the ability to size the preview window.

 <a href="#">Caption</a>	Gets or sets the caption of the preview window.
 <a href="#">Location</a>	Gets or sets the location of the preview window.
 <a href="#">NavigationPaneDockingStyle</a>	Gets or sets the position and manner in which the control is docked in the navigation page.
 <a href="#">Size</a>	Gets or sets the size of the form.
 <a href="#">ToolBars</a>	Gets or sets a value indicating the visibility of toolbars.
 <a href="#">UIStrings</a>	Gets the array of user interface strings.
 <a href="#">ZoomFactor</a>	Gets or sets the zoom factor for print preview.

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## Public Methods

	Name	Description
 <a href="#">ToString</a>		

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## Protected Methods

	Name	Description
 <a href="#">ResetUIStrings</a>		Resets the array of UIStrings back to the default locale.
 <a href="#">ShouldSerializeUIStrings</a>		

[Top](#)

## See Also

### Reference

[PrintPreviewWinSettings Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Methods*

For a list of all members of this type, see [PrintPreviewWinSettings members](#).

## Public Methods

	Name	Description
=	<a href="#">ToString</a>	

[Top](#)

## Protected Methods

	Name	Description
!	<a href="#">ResetUIStrings</a>	Resets the array of UIStrings back to the default locale.
!	<a href="#">ShouldSerializeUIStrings</a>	

[Top](#)

## See Also

### Reference

[PrintPreviewWinSettings Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ResetUIStrings Method*

Resets the array of UIStrings back to the default locale.

## Syntax

Visual Basic (Declaration)	
<a href="#">Protected Sub ResetUIStrings()</a>	
C#	

```
protected void ResetUIStrings()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

*ShouldSerializeUIStrings Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Function ShouldSerializeUIStrings() As System.Boolean</pre>	
C#	
<pre>protected System.bool ShouldSerializeUIStrings()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

### Properties

>

Name	Description
 <a href="#">AllowSizing</a>	Gets or sets a value indicating whether the end user has the ability to size the preview window.
 <a href="#">Caption</a>	Gets or sets the caption of the preview window.
 <a href="#">Location</a>	Gets or sets the location of the preview window.
 <a href="#">NavigationPaneDockingStyle</a>	Gets or sets the position and manner in which the control is docked in the navigation page.
 <a href="#">Size</a>	Gets or sets the size of the form.
 <a href="#">ToolBars</a>	Gets or sets a value indicating the visibility of toolbars.
 <a href="#">UIStrings</a>	Gets the array of user interface strings.
 <a href="#">ZoomFactor</a>	Gets or sets the zoom factor for print preview.

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## See Also

## Reference

[PrintPreviewWinSettings Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *AllowSizing Property*

Gets or sets a value indicating whether the end user has the ability to size the preview window.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Specifies whether the user has the ability to size the  
preview window.")>  
<System.ComponentModel.LocalizableAttribute(True)>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property AllowSizing As System.Boolean
```

C#

```
[C1DescriptionAttribute("Specifies whether the user has the ability to size the  
preview window.")]  
[System.ComponentModel.LocalizableAttribute(true)]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool AllowSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)  
[PrintPreviewWinSettings Members](#)

### *Caption Property*

Gets or sets the caption of the preview window.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets or retrieves the caption of the preview window.")>
Public Property Caption As System.String
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets or retrieves the caption of the preview window.")]
public System.string Caption {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

#### *Location Property*

Gets or sets the location of the preview window.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the coordinates of the upper-left
corner of the preview window.")>
Public Property Location As System.Drawing.Point
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the coordinates of the upper-left
corner of the preview window.")]
public System.Drawing.Point Location {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

*NavigationPaneDockingStyle Property*

Gets or sets the position and manner in which the control is docked in the navigation page.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Specifies the position and manner in which a control is
docked in the navigation pane.")>
Public Property NavigationPaneDockingStyle As System.Windows.Forms.DockStyle
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Specifies the position and manner in which a control is
docked in the navigation pane.")]
public System.Windows.Forms.DockStyle NavigationPaneDockingStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

#### *Size Property*

Gets or sets the size of the form.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the size of the form.")>
Public Property Size As System.Drawing.Size
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the size of the form.")]
public System.Drawing.Size Size {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

#### *ToolBars Property*

Gets or sets a value indicating the visibility of toolbars.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Determines whether the toolbar is visible.")>
Public Property ToolBars As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]\n[System.ComponentModel.LocalizableAttribute(true)]\n[C1DescriptionAttribute("Determines whether the toolbar is visible.")]  
public System.bool ToolBars {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

*UIStrings Property*

Gets the array of user interface strings.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(True)>\n<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ\nationVisibility.Content)>\n<System.ComponentModel.LocalizableAttribute(True)>\n<System.ComponentModel.CategoryAttribute("Appearance")>\n<C1DescriptionAttribute("Gets the array of user interface strings.")>\nPublic ReadOnly Property UIStrings As UIStrings
```

C#

```
[System.ComponentModel.BrowsableAttribute(true)]\n[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ\nationVisibility.Content)]\n[System.ComponentModel.LocalizableAttribute(true)]\n[System.ComponentModel.CategoryAttribute("Appearance")]
```

```
[C1DescriptionAttribute("Gets the array of user interface strings.")]
public UIStrings UIStrings {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

*ZoomFactor Property*

Gets or sets the zoom factor for print preview.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()>	
<C1DescriptionAttribute("Sets or retrieves the current zoom level of the page.")>	
<b>Public Property</b> ZoomFactor <b>As</b> System.Double	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[PrintPreviewWinSettings Class](#)

[PrintPreviewWinSettings Members](#)

[RowColChangeEventArgs](#)

Provides data for the [C1TrueDBGrid.RowColChange](#) event.

## Object Model

[RowColChangeEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class RowColChangeEventArgs  
    Inherits System.EventArgs
```

C#

```
public class RowColChangeEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.RowColChangeEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[RowColChangeEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

Provides data for the [C1TrueDBGrid.RowColChange](#) event.

# Object Model

RowColChangeEventArgs

## Syntax

Visual Basic (Declaration)

```
Public Class RowColChangeEventArgs  
    Inherits System.EventArgs
```

C#

```
public class RowColChangeEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object  
System.EventArgs  
**C1.Win.C1TrueDBGrid.RowColChangeEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[RowColChangeEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [RowColChangeEventArgs](#).

## Public Properties

	Name	Description

 <a href="#">LastCol</a>	The previous column index of the DisplayColumns collection.
 <a href="#">LastRow</a>	The previous row index.

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## See Also

### Reference

[RowColChangeEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Properties

For a list of all members of this type, see [RowColChangeEventArgs members](#).

## Public Properties

	Name	Description
 <a href="#">LastCol</a>	The previous column index of the DisplayColumns collection.	
 <a href="#">LastRow</a>	The previous row index.	

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## See Also

### Reference

[RowColChangeEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### LastCol Property

The previous column index of the DisplayColumns collection.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<code>Public ReadOnly Property LastCol As System.Integer</code>	
---	--

C#

```
public System.int LastCol {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[RowColChangeEventArgs Class](#)

[RowColChangeEventArgs Members](#)

*LastRow Property*

The previous row index.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property LastRow As System.Integer
```

C#

```
public System.int LastRow {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[RowColChangeEventArgs Class](#)

[RowColChangeEventArgs Members](#)

[SelectedColumnCollection](#)

Contains a collection of [C1DataColumn](#) objects that represent columns that are selected.

## Object Model

SelectedColumnCollection

### Syntax

Visual Basic (Declaration)

```
Public Class SelectedColumnCollection  
    Inherits C1 DataColumnCollection
```

C#

```
public class SelectedColumnCollection : C1 DataColumnCollection
```

### Inheritance Hierarchy

```
System.Object  
System.Collections.CollectionBase  
C1.Win.C1TrueDBGrid.C1 DataColumnCollection  
C1.Win.C1TrueDBGrid.SelectedColumnCollection
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[SelectedColumnCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Overview

Contains a collection of [C1 DataColumn](#) objects that represent columns that are selected.

## Object Model

SelectedColumnCollection

## Syntax

Visual Basic (Declaration)

```
Public Class SelectedColumnCollection  
    Inherits C1 DataColumnCollection
```

C#

```
public class SelectedColumnCollection : C1 DataColumnCollection
```

## Inheritance Hierarchy

System.Object

    System.Collections.CollectionBase

        C1.Win.C1TrueDBGrid.C1 DataColumnCollection

**C1.Win.C1TrueDBGrid.SelectedColumnCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedColumnCollection Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [SelectedColumnCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)

 <a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">Item</a>	Overloaded. Gets the specified C1 DataColumn from the collection at the specified index. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )

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## Protected Properties

	Name	Description
 <a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">List</a>	(Inherited from System.Collections.CollectionBase)	

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## Public Methods

	Name	Description
 <a href="#">Add</a>	Overridden. Adds a C1 DataColumn to the end of the collection.	
 <a href="#">Clear</a>	Removes all elements from the collection.	
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">IndexOf</a>	Overloaded. Gets the index of the specified <a href="#">C1 DataColumn</a> . (Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )	
 <a href="#">Insert</a>	Overridden. Inserts a <a href="#">C1 DataColumn</a> at the specified index.	
 <a href="#">RemoveAt</a>	Removes the C1 DataColumn at the specified index.	

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## Protected Methods

	Name	Description
⌚	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnInsert</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1DataColumnCollection</a> )
⌚	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[SelectedColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

>

	Name	Description
⌚	<a href="#">Add</a>	Overridden. Adds a C1DataColumn to the end of the collection.
⌚	<a href="#">Clear</a>	Removes all elements from the collection.
⌚	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)

= [IndexOf](#) Overloaded. Gets the index of the specified [C1 DataColumn](#). (Inherited from [C1.Win.C1TrueDBGrid.C1 DataColumnCollection](#))

= [Insert](#) Overridden. Inserts a [C1 DataColumn](#) at the specified index.

= [RemoveAt](#) Removes the [C1 DataColumn](#) at the specified index.

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## Protected Methods

Name	Description
=  <a href="#">OnClear</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnClearComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnInsert</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.C1 DataColumnCollection</a> )
=  <a href="#">OnInsertComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnRemove</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnRemoveComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnSet</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnSetComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnValidate</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )

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## See Also

### Reference

[SelectedColumnCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Add Method*

The [C1 DataColumn](#) to add.

Adds a [C1 DataColumn](#) to the end of the collection.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overrides Function Add( _
    ByVal dc As C1 DataColumn _ 
) As System.Integer
```

C#	
----	--

```
public override System.int Add(
    C1 DataColumn dc
)
```

### Parameters

*dc*

The C1 DataColumn to add.

### Return Value

The index at which the C1 DataColumn has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedColumnCollection Class](#)  
[SelectedColumnCollection Members](#)

*Clear Method*

Removes all elements from the collection.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Shadows Sub Clear()
```

C#

```
public new void Clear()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedColumnCollection Class](#)

[SelectedColumnCollection Members](#)

#### *Insert Method*

The zero-based index at which the C1 DataColumn should be inserted.

The C1 DataColumn to insert.

Inserts a [C1 DataColumn](#) at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Overrides Sub Insert( _
    ByVal index As System.Integer, _
    ByVal dc As C1DataColumn _ )
```

C#

```
public override void Insert(
    System.int index,
    C1DataColumn dc )
```

### Parameters

*index*

The zero-based index at which the C1 DataColumn should be inserted.

*dc*

The C1 DataColumn to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedColumnCollection Class](#)

[SelectedColumnCollection Members](#)

### *RemoveAt Method*

The zero-based index of the row to remove.

Removes the C1 DataColumn at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Shadows Sub RemoveAt( _
    ByVal index As System.Integer _
)
```

C#

```
public new void RemoveAt(
    System.int index
)
```

### Parameters

*index*

The zero-based index of the row to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedColumnCollection Class](#)  
[SelectedColumnCollection Members](#)

### SelectedRowCollection

Represents a collection of Selected rows.

## Object Model

SelectedRowCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class SelectedRowCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class SelectedRowCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object  
    System.Collections.CollectionBase  
        **C1.Win.C1TrueDBGrid.SelectedRowCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a collection of Selected rows.

## Object Model

SelectedRowCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class SelectedRowCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class SelectedRowCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.SelectedRowCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [SelectedRowCollection](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Gets or sets the specified Row index from the collection.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Add</a>	Adds a row to the end of the collection.
	<a href="#">Clear</a>	Removes all elements from the collection.
	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)

 <a href="#">IndexOf</a>	Gets the index of the specified row.
 <a href="#">Insert</a>	Inserts a row at the specified index.
 <a href="#">RemoveAt</a>	Removes the row at the specified index.

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## Protected Methods

	Name	Description
 <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)	

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## See Also

### Reference

[SelectedRowCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

## *Methods*

For a list of all members of this type, see [SelectedRowCollection members](#).

## **Public Methods**

	Name	Description
=	<a href="#">Add</a>	Adds a row to the end of the collection.
=	<a href="#">Clear</a>	Removes all elements from the collection.
=	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
=	<a href="#">IndexOf</a>	Gets the index of the specified row.
=	<a href="#">Insert</a>	Inserts a row at the specified index.
=	<a href="#">RemoveAt</a>	Removes the row at the specified index.

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## **Protected Methods**

	Name	Description
!	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)

	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[SelectedRowCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Add Method

Row number to add.

Adds a row to the end of the collection.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function Add( _
    ByVal row As System.Integer _ 
) As System.Integer
```

C#	
----	--

```
public System.int Add(
    System.int row
)
```

### Parameters

*row*

Row number to add.

### Return Value

The index at which the row has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Class](#)

[SelectedRowCollection Members](#)

#### *Clear Method*

Removes all elements from the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Shadows Sub Clear()</pre>	
C#	
<pre>public new void Clear()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Class](#)

[SelectedRowCollection Members](#)

#### *IndexOf Method*

Gets the index of the specified row.

## Syntax

Visual Basic (Declaration)

```
Public Function IndexOf( _
    ByVal row As System.Integer _
) As System.Integer
```

C#

```
public System.int IndexOf(
    System.int row
)
```

## Parameters

*row*

## Return Value

The index of the row.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Class](#)

[SelectedRowCollection Members](#)

#### *Insert Method*

The zero-based index at which row should be inserted.

The row to insert.

Inserts a row at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Sub Insert( _
```

```
    ByVal index As System.Integer, _
    ByVal row As System.Integer _
)
```

C#

```
public void Insert(
    System.int index,
    System.int row
)
```

## Parameters

*index*

The zero-based index at which row should be inserted.

*row*

The row to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Class](#)  
[SelectedRowCollection Members](#)

*RemoveAt Method*

The zero-based index of the row to remove.

Removes the row at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Shadows Sub RemoveAt( _
    ByVal index As System.Integer _
```

)	
C#	
<pre>public new void RemoveAt(     System.int index )</pre>	

## Parameters

*index*

The zero-based index of the row to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SelectedRowCollection Class](#)

[SelectedRowCollection Members](#)

### Properties

For a list of all members of this type, see [SelectedRowCollection members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Gets or sets the specified Row index from the collection.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[SelectedRowCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Item Property*

Gets or sets the specified Row index from the collection.

## Syntax

Visual Basic (Declaration)	
<pre>Public Default Property Item( _     ByVal index As System.Integer _ ) As System.Integer</pre>	
C#	
<pre>public System.int this[     System.int index ]; {get; set;}</pre>	

### Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[SelectedRowCollection Class](#)

[SelectedRowCollection Members](#)

### Split

Represents a horizontal or vertical pane to display and edit data.

## Object Model

Split

## Syntax

Visual Basic (Declaration)	
<pre>Public Class Split     Inherits C1.Win.C1TrueDBGrid.BaseGrid.View</pre>	
C#	
<pre>public class Split : C1.Win.C1TrueDBGrid.BaseGrid.View</pre>	

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.BaseGrid.View](#)

**C1.Win.C1TrueDBGrid.Split**

[C1.Win.C1TrueDBGrid.DropoutView](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

## *Overview*

Represents a horizontal or vertical pane to display and edit data.

## Object Model

Split

## Syntax

Visual Basic (Declaration)	
<pre>Public Class Split</pre>	
<pre>    Inherits C1.Win.C1TrueDBGrid.BaseGrid.View</pre>	
C#	
<pre>public class Split : C1.Win.C1TrueDBGrid.BaseGrid.View</pre>	

## Inheritance Hierarchy

System.Object

    C1.Win.C1TrueDBGrid.BaseGrid.View

**C1.Win.C1TrueDBGrid.Split**

            C1.Win.C1TrueDBGrid.DropoutView

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [Split](#).

## Public Constructors

	Name	Description
≡	<a href="#">Split Constructor</a>	Overloaded.

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## Public Properties

	Name	Description
≡	<a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
≡	<a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
≡	<a href="#">AllowFocus</a>	Gets or sets a value indicating whether the split can receive focus.
≡	<a href="#">AllowHorizontalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize horizontal splits.
≡	<a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows.
≡	<a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
≡	<a href="#">AllowVerticalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize vertical splits.
≡	<a href="#">AlternatingRowStyle</a>	Gets or sets a value indicating whether the split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.
≡	<a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
≡	<a href="#">Caption</a>	Gets or sets the caption.
≡	<a href="#">CaptionHeight</a>	Gets or sets the height of the caption.

 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.
 <a href="#">ColumnCaptionHeight</a>	Gets or sets the height of the column captions.
 <a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell in a split.
 <a href="#">DisplayColumns</a>	Gets a collection of <a href="#">C1DisplayColumn</a> objects.
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the split.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FilterActive</a>	Gets or sets a value indicating whether the filter bar has focus.
 <a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
 <a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the FilterBar.
 <a href="#">FilterBorderStyle</a>	Gets or sets the filter border style.
 <a href="#">FilterDefinition</a>	Gets or sets an XML string containing the current filter state. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )

 <a href="#">FilterWatermarkStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">C1 DataColumn.FilterWatermark</a> .
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row in a split.
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids column headers.
 <a href="#">Height</a>	Gets or sets the height of a split.
 <a href="#">HighLightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.
 <a href="#">HorizontalOffset</a>	Gets or sets the position of the Horizontal scrollbar.
 <a href="#">HorizontalScrollGroup</a>	Gets or sets the group which synchronizes horizontal scrolling between splits.
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.
 <a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.
 <a href="#">LeftCol</a>	Gets or sets the left most visible column for a split.
 <a href="#">Locked</a>	Gets or sets a value indicating if the cells of a split can be edited.
 <a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a Split.
 <a href="#">MinHeight</a>	Gets or sets the minimum height that a split can be interactively resized.

 <a href="#">MinWidth</a>	Gets or sets the minimum width that a split can be interactively resized.
 <a href="#">Name</a>	Gets or sets the name of a split.
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for Split.
 <a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
 <a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.
 <a href="#">Rows</a>	Gets the collection of Rows displayed in the Split.
 <a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.
 <a href="#">SplitSize</a>	Gets or sets the size of a split.
 <a href="#">SplitSizeMode</a>	Gets or sets a value indicating how the <a href="#">SplitSize</a> property is used to determine the actual size of a split.
 <a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object for the Split.
 <a href="#">VerticalOffset</a>	Gets or sets the position of the Vertical scrollbar.
 <a href="#">VerticalScrollGroup</a>	Gets or sets the group which synchronizes vertical scrolling between splits.

 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.
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## Public Methods

	Name	Description
 <a href="#">AddCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.	
 <a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.	
 <a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.	
 <a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.	
 <a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.	
 <a href="#">GetCellBounds</a>	Returns the Rectangle for the given Row and Column	
 <a href="#">ToString</a>	Returns the string that represents the current object. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )	

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## Protected Methods

	Name	Description
 <a href="#">BeginVerticalResizing</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )	
 <a href="#">DrawFilterCell</a>	Draws the filter cell.	

 <a href="#">filterColumnAt</a>	
 <a href="#">getFilterTextRect</a>	
 <a href="#">NotifyRowColChange</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
 <a href="#">OnGetCellRange</a>	Returns the upper and lower bounds for a merged column.
 <a href="#">ShouldSerializeHeight</a>	
 <a href="#">ShouldSerializeRecordSelectorWidth</a>	

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## See Also

### Reference

[Split Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Split Constructor*

### Overload List

Overload	Description
<a href="#">Split Constructor()</a>	Initializes a new instance of the <a href="#">Split</a> class.
<a href="#">Split Constructor(Frame)</a>	Initializes a new instance of the <a href="#">Split</a> class.
<a href="#">Split Constructor(View)</a>	Initializes a new instance of the <a href="#">Split</a> class.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Split Constructor()*

Initializes a new instance of the [Split](#) class.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public Split()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[Overload List](#)

*Split Constructor(Frame)*

The f.

Initializes a new instance of the [Split](#) class.

## Syntax

Visual Basic (Declaration)	
<code>Public Function New( _</code>	

```
    ByVal f As Frame _  
)
```

C#

```
public Split(  
    Frame f  
)
```

## Parameters

f

The f.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[Overload List](#)

*Split Constructor(View)*

The other.

Initializes a new instance of the [Split](#) class.

## Syntax

Visual Basic (Declaration)

```
Public Function New( _  
    ByVal other As View _  
)
```

C#

```
public Split(  
    View other  
)
```

## Parameters

*other*

The other.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[Overload List](#)

### Methods

For a list of all members of this type, see [Split members](#).

## Public Methods

	Name	Description
=	<a href="#">AddCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance for cells meeting the specified condition.
=	<a href="#">AddRegexCellStyle</a>	Controls the <a href="#">Style</a> used to change the appearance of cells according to their contents.
=	<a href="#">ClearCellStyle</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
=	<a href="#">ClearRegexCellStyle</a>	Overloaded. Removes a cell condition established with a previous call to

		the <a href="#">AddCellStyle</a> method.
=	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
=	<a href="#">GetCellBounds</a>	Returns the Rectangle for the given Row and Column
=	<a href="#">ToString</a>	Returns the string that represents the current object. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )

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## Protected Methods

	Name	Description
=	<a href="#">BeginVerticalResizing</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
=	<a href="#">DrawFilterCell</a>	Draws the filter cell.
=	<a href="#">filterColumnAt</a>	
=	<a href="#">getFilterTextRect</a>	
=	<a href="#">NotifyRowColChange</a>	(Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
=	<a href="#">OnGetCellRange</a>	Returns the upper and lower bounds for a merged column.
=	<a href="#">ShouldSerializeHeight</a>	
=	<a href="#">ShouldSerializeRecordSelectorWidth</a>	

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## See Also

### Reference

## Split Class

### C1.Win.C1TrueDBGrid Namespace

#### AddCellStyle Method

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

Controls the [Style](#) used to change the appearance for cells meeting the specified condition.

## Syntax

### Visual Basic (Declaration)

```
Public Sub AddCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style _
)
```

### C#

```
public void AddCellStyle(
    CellStyleFlag condition,
    Style style
)
```

## Parameters

### *condition*

Combination of one or more [CellStyleFlag](#) enumerations.

### *style*

[Style](#) object that specifies appearance attributes.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Split Class](#)  
[Split Members](#)

#### *AddRegexCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

[Style](#) object that specifies appearance attributes.

A regular expression string.

Controls the [Style](#) used to change the appearance of cells according to their contents.

## Syntax

Visual Basic (Declaration)

```
Public Sub AddRegexCellStyle( _
    ByVal condition As CellStyleFlag, _
    ByVal style As Style, _
    ByVal regex As System.String _
)
```

C#

```
public void AddRegexCellStyle(
    CellStyleFlag condition,
    Style style,
    System.string regex
)
```

### Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*style*

[Style](#) object that specifies appearance attributes.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

#### *ClearCellStyle Method*

Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddCellStyle](#) method.

## Syntax

### Visual Basic (Declaration)

```
Public Sub ClearCellStyle( _
    ByVal condition As CellStyleFlag _ 
)
```

### C#

```
public void ClearCellStyle(
    CellStyleFlag condition
)
```

### Parameters

#### *condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

#### *ClearRegexCellStyle Method*

Removes a cell condition established with a previous call to the [AddCellStyle](#) method.

## Overload List

Overload	Description
<a href="#">ClearRegexCellStyle(CellStyleFlag)</a>	Removes a cell condition established with a previous call to the <a href="#">AddCellStyle</a> method.
<a href="#">ClearRegexCellStyle(CellStyleFlag, String)</a>	Removes a cell condition established with a previous call to the <a href="#">AddRegexCellStyle</a> method.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

[ClearRegexCellStyle\(CellStyleFlag\) Method](#)  
Combination of one or more [CellStyleFlag](#) enumerations.

Removes a cell condition established with a previous call to the [AddCellStyle](#) method.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub ClearRegexCellStyle( _     ByVal condition As CellStyleFlag _) )</pre>	

C#

```
public void ClearRegexCellStyle(  
    CellStyleFlag condition  
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[Overload List](#)

[ClearRegexCellStyle\(CellStyleFlag, String\)](#) Method

Combination of one or more [CellStyleFlag](#) enumerations.

A regular expression string.

Removes a cell condition established with a previous call to the [AddRegexCellStyle](#) method.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub ClearRegexCellStyle( _  
    ByVal condition As CellStyleFlag, _  
    ByVal regex As System.String _  
)
```

C#

```
public void ClearRegexCellStyle(  
    CellStyleFlag condition,  
    System.string regex  
)
```

## Parameters

*condition*

Combination of one or more [CellStyleFlag](#) enumerations.

*regex*

A regular expression string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[Overload List](#)

*Dispose Method*

Called when the class is being disposed.

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.
<a href="#">Dispose()</a>	Releases the resources used by the view. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

Dispose(Boolean) Method

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
public override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)  
[Overload List](#)

#### *DrawFilterCell Method*

The **System.Windows.Forms.PaintEventArgs** instance containing the event data.

The col.

Draws the filter cell.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub DrawFilterCell( _     ByVal e As System.Windows.Forms.PaintEventArgs, _     ByVal col As System.Integer _ )</pre>	
C#	
<pre>protected virtual void DrawFilterCell(     System.Windows.Forms.PaintEventArgs e,     System.int col )</pre>	

## Parameters

*e*

The **System.Windows.Forms.PaintEventArgs** instance containing the event data.

*col*

The col.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Split Class](#)  
[Split Members](#)

*filterColumnAt Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function filterColumnAt( _
    ByVal p As System.Drawing.Point, _
    ByRef col As System.Integer _
) As System.Boolean
```

C#

```
protected virtual System.bool filterColumnAt(
    System.Drawing.Point p,
    out System.int col
)
```

### Parameters

*p*

*col*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

*GetCellBounds Method*

Visible row number

Visible column index

Returns the Rectangle for the given Row and Column

## Syntax

Visual Basic (Declaration)

```
Public Overridable Function GetCellBounds( _
    ByVal Row As System.Integer, _
    ByVal Col As System.Integer _
) As System.Drawing.Rectangle
```

C#

```
public virtual System.Drawing.Rectangle GetCellBounds(
    System.int Row,
    System.int Col
)
```

### Parameters

*Row*

Visible row number

*Col*

Visible column index

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*getFilterTextRect Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function getFilterTextRect( _
    ByVal col As System.Integer _
) As System.Drawing.Rectangle
```

C#

```
protected virtual System.Drawing.Rectangle getFilterTextRect(
    System.int col
)
```

## Parameters

*col*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*OnGetCellRange Method*

Starting row

Starting column.

Returns the upper and lower bounds for a merged column.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function OnGetCellRange( _
    ByVal row As System.Integer, _
    ByVal col As System.Integer _
) As Split.CellRange
```

C#

```
protected virtual Split.CellRange OnGetCellRange(  
    System.int row,  
    System.int col  
)
```

## Parameters

*row*

Starting row

*col*

Starting column.

## Return Value

The CellRange object that defines the rows and columns for a merged cell.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*ShouldSerializeHeight Method*

## Syntax

Visual Basic (Declaration)

```
Protected Function ShouldSerializeHeight() As System.Boolean
```

C#

```
protected System.bool ShouldSerializeHeight()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*ShouldSerializeRecordSelectorWidth Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Function ShouldSerializeRecordSelectorWidth() As System.Boolean</pre>	
C#	
<pre>protected System.bool ShouldSerializeRecordSelectorWidth()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Properties*

For a list of all members of this type, see [Split members](#).

## Public Properties

	Name	Description

 <a href="#">AllowColMove</a>	Gets or sets a value indicating the ability to move columns.
 <a href="#">AllowColSelect</a>	Gets or sets a value indicating the ability to select columns.
 <a href="#">AllowFocus</a>	Gets or sets a value indicating whether the split can receive focus.
 <a href="#">AllowHorizontalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize horizontal splits.
 <a href="#">AllowRowSelect</a>	Gets or sets a value indicating the ability to select rows.
 <a href="#">AllowRowSizing</a>	Gets or sets how interactive row resizing is performed.
 <a href="#">AllowVerticalSizing</a>	Gets or sets a value indicating whether a user is allowed to resize vertical splits.
 <a href="#">AlternatingRowStyle</a>	Gets or sets a value indicating whether the split uses the <a href="#">OddRowStyle</a> for odd-numbered rows and <a href="#">EvenRowStyle</a> for even-numbered rows.
 <a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
 <a href="#">Caption</a>	Gets or sets the caption.
 <a href="#">CaptionHeight</a>	Gets or sets the height of the caption.
 <a href="#">CaptionStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the caption area.
 <a href="#">ColumnCaptionHeight</a>	Gets or sets the height of the column captions.
 <a href="#">ColumnFooterHeight</a>	Gets or sets the height of column footers.
 <a href="#">CurrentCellVisible</a>	Gets or sets a value indicating the visibility of the current cell in a split.

 <a href="#">DisplayColumns</a>	Gets a collection of <a href="#">C1DisplayColumn</a> objects.
 <a href="#">EditorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the cell editor within a grid.
 <a href="#">EvenRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an even-numbered row when using <a href="#">AlternatingRows</a> .
 <a href="#">ExtendRightColumn</a>	Gets or sets a value that determines how the last column will extend to fill the dead area of the split.
 <a href="#">FetchRowStyles</a>	Gets or sets a value indicating whether the <a href="#">FetchRowStyle</a> event will be raised.
 <a href="#">FilterActive</a>	Gets or sets a value indicating whether the filter bar has focus.
 <a href="#">FilterBar</a>	Gets or sets a value indicating the visibility of the FilterBar.
 <a href="#">FilterBarStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">FilterBar</a> .
 <a href="#">FilterBorderStyle</a>	Gets or sets the filter border style.
 <a href="#">FilterDefinition</a>	Gets or sets an XML string containing the current filter state. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.BaseGrid.View</a> )
 <a href="#">FilterWatermarkStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">C1 DataColumn.FilterWatermark</a> .
 <a href="#">FirstRow</a>	Gets or sets the row index for the first visible row in a split.
 <a href="#">FooterStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of column footers.
 <a href="#">HeadingStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the grids

		column headers.
 <a href="#">Height</a>	Gets or sets the height of a split.	
 <a href="#">HighlightRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the current row/cell when the <a href="#">MarqueeStyle</a> is set to Highlight Row/Cell.	
 <a href="#">HorizontalOffset</a>	Gets or sets the position of the Horizontal scrollbar.	
 <a href="#">HorizontalScrollGroup</a>	Gets or sets the group which synchronizes horizontal scrolling between splits.	
 <a href="#">HScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.HBar</a> object that controls the appearance of the horizontal scrollbar.	
 <a href="#">InactiveStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the grids caption when it doesn't have focus.	
 <a href="#">LeftCol</a>	Gets or sets the left most visible column for a split.	
 <a href="#">Locked</a>	Gets or sets a value indicating if the cells of a split can be edited.	
 <a href="#">MarqueeStyle</a>	Gets or sets the MarqueeStyle for a Split.	
 <a href="#">MinHeight</a>	Gets or sets the minimum height that a split can be interactively resized.	
 <a href="#">MinWidth</a>	Gets or sets the minimum width that a split can be interactively resized.	
 <a href="#">Name</a>	Gets or sets the name of a split.	
 <a href="#">OddRowStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of an odd-numbered row when using <a href="#">AlternatingRows</a> .	

 <a href="#">RecordSelectors</a>	Gets or sets a value indicating the visibility of row headers for Split.
 <a href="#">RecordSelectorStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of the <a href="#">RecordSelectors</a> .
 <a href="#">RecordSelectorWidth</a>	Gets or sets the width of the row headers.
 <a href="#">Rows</a>	Gets the collection of Rows displayed in the Split.
 <a href="#">SelectedStyle</a>	Gets or sets the <a href="#">Style</a> object that controls the appearance of selected rows and columns.
 <a href="#">SplitSize</a>	Gets or sets the size of a split.
 <a href="#">SplitSizeMode</a>	Gets or sets a value indicating how the <a href="#">SplitSize</a> property is used to determine the actual size of a split.
 <a href="#">SpringMode</a>	Gets or sets a value that determines how columns will resize when the grid is resized.
 <a href="#">Style</a>	Gets or sets the root <a href="#">Style</a> object for the Split.
 <a href="#">VerticalOffset</a>	Gets or sets the position of the Vertical scrollbar.
 <a href="#">VerticalScrollGroup</a>	Gets or sets the group which synchronizes vertical scrolling between splits.
 <a href="#">VScrollBar</a>	Gets the <a href="#">C1.Win.C1TrueDBGrid.Util.VBar</a> object that controls the appearance of the vertical scrollbar.

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## See Also

### Reference

## [Split Class](#)

### [C1.Win.C1TrueDBGrid Namespace](#)

#### *AllowColMove Property*

Gets or sets a value indicating the ability to move columns.

## Syntax

### Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables interactive column movement for all columns in
a split.")>
Public Shadows Property AllowColMove As System.Boolean
```

### C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables interactive column movement for all columns in
a split.")]
public new System.bool AllowColMove {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [Split Class](#)

#### [Split Members](#)

#### *AllowColSelect Property*

Gets or sets a value indicating the ability to select columns.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Enables/disables interactive column selection for all
columns in a split.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowColSelect As System.Boolean
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Enables/disables interactive column selection for all
columns in a split.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool AllowColSelect {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*AllowFocus Property*

Gets or sets a value indicating whether the split can receive focus.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Allows/disallows cells within a split to receive
focus.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowFocus As System.Boolean
```

C#

```
[C1DescriptionAttribute("Allows/disallows cells within a split to receive focus.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool AllowFocus {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*AllowHorizontalSizing Property*

Gets or sets a value indicating whether a user is allowed to resize horizontal splits.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Specifies if a user is allowed to resize horizontal
splits.")>
Public Property AllowHorizontalSizing As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Specifies if a user is allowed to resize horizontal
splits.")]
public System.bool AllowHorizontalSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*AllowRowSelect Property*

Gets or sets a value indicating the ability to select rows.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Enables interactive row selection for all columns in a
split.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowRowSelect As System.Boolean
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Enables interactive row selection for all columns in a
split.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool AllowRowSelect {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *AllowRowSizing Property*

Gets or sets how interactive row resizing is performed.

## Syntax

### Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Enables interactive row resizing.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowRowSizing As RowSizingEnum
```

### C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Enables interactive row resizing.")]
[System.ComponentModel.DefaultValueAttribute()]
public RowSizingEnum AllowRowSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *AllowVerticalSizing Property*

Gets or sets a value indicating whether a user is allowed to resize vertical splits.

## Syntax

### Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Specifies if a user is allowed to resize vertical
splits.")>
```

```
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowVerticalSizing As System.Boolean
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Specifies if a user is allowed to resize vertical
splits.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool AllowVerticalSizing {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

#### *AlternatingRowStyle Property*

Gets or sets a value indicating whether the split uses the [OddRowStyle](#) for odd-numbered rows and [EvenRowStyle](#) for even-numbered rows.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()
<System.ComponentModel.DefaultValueAttribute()
<C1DescriptionAttribute("Controls whether the EvenRow/OddRow styles are applied
for the grid.")>
Public Property AlternatingRowStyle As System.Boolean
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Controls whether the EvenRow/OddRow styles are applied
```

```
for the grid."])  
public System.bool AlternatingRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Caption Property*

Gets or sets the caption.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Sets or retrieves the splits caption text.")> <System.ComponentModel.DefaultValueAttribute()> Public Property Caption As System.String	
C#	
[C1DescriptionAttribute("Sets or retrieves the splits caption text.")] [System.ComponentModel.DefaultValueAttribute()] public System.string Caption {get; set;}	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*CaptionHeight Property*

Gets or sets the height of the caption.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the height of the caption.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property CaptionHeight As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the height of the caption.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.int CaptionHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*CaptionStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the caption area.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the caption style for the split")>
<C1CategoryAttribute("Styles")>
Public Property CaptionStyle As Style
```

C#

```
[C1DescriptionAttribute("Controls the caption style for the split")]
[C1CategoryAttribute("Styles")]
public Style CaptionStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*ColumnCaptionHeight Property*

Gets or sets the height of the column captions.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves the height of the column captions.")>
Public Property ColumnCaptionHeight As System.Integer
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves the height of the column captions.")]
public System.int ColumnCaptionHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Split Class](#)

[Split Members](#)

### *ColumnFooterHeight Property*

Gets or sets the height of column footers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the height of the column footers.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property ColumnFooterHeight As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the height of the column footers.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.int ColumnFooterHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *CurrentCellVisible Property*

Gets or sets a value indicating the visibility of the current cell in a split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
```

<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; Public Property CurrentCellVisible As System.Boolean</pre>	
C#	
<pre>[System.ComponentModel.BrowsableAttribute(false)] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] public System.bool CurrentCellVisible {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

*DisplayColumns Property*  
Gets a collection of [C1DisplayColumn](#) objects.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Returns a collection of C1DisplayColumn objects.")&gt; &lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; Public ReadOnly Property DisplayColumns As C1DisplayColumnCollection</pre>	
C#	
<pre>[C1DescriptionAttribute("Returns a collection of C1DisplayColumn objects.")] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] public C1DisplayColumnCollection DisplayColumns {get;}</pre>	

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*EditorStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the cell editor within a grid.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Styles")> <C1DescriptionAttribute("Controls the editor style for the grid")> Public Property EditorStyle As Style	
C#	
[C1CategoryAttribute("Styles")] [C1DescriptionAttribute("Controls the editor style for the grid")] public Style EditorStyle {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *EvenRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an even-numbered row when using [AlternatingRows](#).

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the row style for even numbered rows")>
<C1CategoryAttribute("Styles")>
Public Property EvenRowStyle As Style
```

### C#

```
[C1DescriptionAttribute("Controls the row style for even numbered rows")]
[C1CategoryAttribute("Styles")]
public Style EvenRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *ExtendRightColumn Property*

Gets or sets a value that determines how the last column will extend to fill the dead area of the split.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disables extension of the rightmost column to
fill unused area of the split.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
```

<code>Public Property ExtendRightColumn As System.Boolean</code>	
<b>C#</b>	
<code>[System.ComponentModel.DefaultValueAttribute()]</code> <code>[C1DescriptionAttribute("Enables/disables extension of the rightmost column to fill unused area of the split.")]</code> <code>[System.Xml.Serialization.XmlAttributeAttribute()]</code> <code>public System.bool ExtendRightColumn {get; set;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

#### *FetchRowStyles Property*

Gets or sets a value indicating whether the [FetchRowStyle](#) event will be raised.

## Syntax

<b>Visual Basic (Declaration)</b>	
<code>&lt;C1DescriptionAttribute("Controls whether the FetchRowStyle event will be fired")&gt;</code> <code>&lt;System.ComponentModel.DefaultValueAttribute()&gt;</code> <code>&lt;System.Xml.Serialization.XmlAttributeAttribute()&gt;</code> <code>Public Property FetchRowStyles As System.Boolean</code>	
<b>C#</b>	
<code>[C1DescriptionAttribute("Controls whether the FetchRowStyle event will be fired")]</code> <code>[System.ComponentModel.DefaultValueAttribute()]</code> <code>[System.Xml.Serialization.XmlAttributeAttribute()]</code>	

```
public System.bool FetchRowStyles {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FilterActive Property*

Gets or sets a value indicating whether the filter bar has focus.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>	
<System.ComponentModel.BrowsableAttribute(False)>	
<b>Public Property FilterActive As System.Boolean</b>	
C#	
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]	
[System.ComponentModel.BrowsableAttribute(false)]	
<b>public System.bool FilterActive {get; set;}</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FilterBar Property*

Gets or sets a value indicating the visibility of the FilterBar.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Allow/Disallow filter bar.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Overridable Property FilterBar As System.Boolean
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Allow/Disallow filter bar.")]
[System.ComponentModel.DefaultValueAttribute()]
public virtual System.bool FilterBar {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FilterBarStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [FilterBar](#).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the style of the columns in the filter bar.")>
```

```
<C1CategoryAttribute("Styles")>
Public Property FilterBarStyle As Style
```

C#

```
[C1DescriptionAttribute("Controls the style of the columns in the filter bar.")]
[C1CategoryAttribute("Styles")]
public Style FilterBarStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FilterBorderStyle Property*

Gets or sets the filter border style.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Controls the appearance of the seperator for the
filterbar.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property FilterBorderStyle As System.Windows.Forms.Border3DStyle
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Controls the appearance of the seperator for the
filterbar.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.Windows.Forms.Border3DStyle FilterBorderStyle {get; set;}
```

## Property Value

The filter border style.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FilterWatermarkStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [C1DataColumn.FilterWatermark](#).

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Controls the style of the columns in the filter bar
when the FilterWatermark is rendered.")>
Public Property FilterWatermarkStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Controls the style of the columns in the filter bar
when the FilterWatermark is rendered.")]
public Style FilterWatermarkStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FirstRow Property*

Gets or sets the row index for the first visible row in a split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<System.ComponentModel.BrowsableAttribute(False)>  
Public Property FirstRow As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[System.ComponentModel.BrowsableAttribute(false)]  
public System.int FirstRow {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*FooterStyle Property*

Gets or sets the [Style](#) object that controls the appearance of column footers.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the footer style for all columns in the
```

<pre>     split"&gt; &lt;C1CategoryAttribute("Styles")&gt; Public Property FooterStyle As Style </pre>	C#
<pre> [C1DescriptionAttribute("Controls the footer style for all columns in the split")] [C1CategoryAttribute("Styles")] public Style FooterStyle {get; set;} </pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)  
[Split Members](#)

#### *HeadingStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the grids column headers.

## Syntax

Visual Basic (Declaration)	
<pre> &lt;C1CategoryAttribute("Styles")&gt; &lt;C1DescriptionAttribute("Controls the heading style for the split")&gt; Public Property HeadingStyle As Style </pre>	
C#	
<pre> [C1CategoryAttribute("Styles")] [C1DescriptionAttribute("Controls the heading style for the split")] public Style HeadingStyle {get; set;} </pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Height Property*

Gets or sets the height of a split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the height of a split.")>
Public Property Height As System.Integer
```

C#

```
[C1DescriptionAttribute("Gets or sets the height of a split.")]
public System.int Height {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*HighLightRowStyle Property*

Gets or sets the [Style](#) object that controls the current row/cell when the [MarqueeStyle](#) is set to Highlight Row/Cell.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Controls appearance of current row/cell in the grid
when MarqueeStyle set to Highlight Row/Cell")>
Public Property HighLightRowStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Controls appearance of current row/cell in the grid
when MarqueeStyle set to Highlight Row/Cell")]
public Style HighLightRowStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*HorizontalOffset Property*

Gets or sets the position of the Horizontal scrollbar.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property HorizontalOffset As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
```

```
ationVisibility.Hidden)]  
public System.int HorizontalOffset {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*HorizontalScrollGroup Property*

Gets or sets the group which synchronizes horizontal scrolling between splits.

## Syntax

Visual Basic (Declaration)	
<System.Xml.Serialization.XmlAttributeAttribute()> <C1DescriptionAttribute("Synchronizes horizontal scrolling between splits.")> <C1CategoryAttribute("Scrolling")> Public Property HorizontalScrollGroup As System.Integer	
C#	
[System.Xml.Serialization.XmlAttributeAttribute()] [C1DescriptionAttribute("Synchronizes horizontal scrolling between splits.")] [C1CategoryAttribute("Scrolling")] public System.int HorizontalScrollGroup {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Split Class](#)

[Split Members](#)

### *HScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.HBar](#) object that controls the appearance of the horizontal scrollbar.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Scrolling")>
<C1DescriptionAttribute("Horizontal Scroll Bar.")>
Public ReadOnly Property HScrollBar As HBar
```

C#

```
[C1CategoryAttribute("Scrolling")]
[C1DescriptionAttribute("Horizontal Scroll Bar.")]
public HBar HScrollBar {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *InactiveStyle Property*

Gets or sets the [Style](#) object that controls the grids caption when it doesn't have focus.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>
<C1DescriptionAttribute("Controls the inactive heading style for the grid")>
Public Property InactiveStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]
[C1DescriptionAttribute("Controls the inactive heading style for the grid")]
public Style InactiveStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*LeftCol Property*

Gets or sets the left most visible column for a split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
```

```
<System.ComponentModel.BrowsableAttribute(False)>
```

```
Public Property LeftCol As System.Integer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
```

```
[System.ComponentModel.BrowsableAttribute(false)]
```

```
public System.int LeftCol {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Locked Property*

Gets or sets a value indicating if the cells of a split can be edited.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Enables/disables data entry for all columns of a
split.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property Locked As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Enables/disables data entry for all columns of a
split.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.bool Locked {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *MarqueeStyle Property*

Gets or sets the MarqueeStyle for a Split.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the marquee style.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property MarqueeStyle As MarqueeEnum
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves the marquee style.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public MarqueeEnum MarqueeStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

### *MinHeight Property*

Gets or sets the minimum height that a split can be interactively resized.

## Syntax

### Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the minimum height that a split can
be resized interactively.")>
Public Property MinHeight As System.Integer
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the minimum height that a split can
be resized interactively.")]
public System.int MinHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

#### *MinWidth Property*

Gets or sets the minimum width that a split can be interactively resized.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the minimum width that a split can be
resized interactively.")>
Public Property MinWidth As System.Integer
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the minimum width that a split can be
resized interactively.")]
public System.int MinWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Name Property*

Gets or sets the name of a split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the name of the split.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property Name As System.String
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the name of the split.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.string Name {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*OddRowStyle Property*

Gets or sets the [Style](#) object that controls the appearance of an odd-numbered row when using [AlternatingRows](#).

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Controls the row style for odd numbered rows")> <C1CategoryAttribute("Styles")> Public Property OddRowStyle As Style	
C#	
[C1DescriptionAttribute("Controls the row style for odd numbered rows")] [C1CategoryAttribute("Styles")] public Style OddRowStyle {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*RecordSelectors Property*

Gets or sets a value indicating the visibility of row headers for Split.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.DefaultValueAttribute()> <System.Xml.Serialization.XmlAttributeAttribute()> <C1DescriptionAttribute("Shows/hides row selection panel at left of split.")> Public Property RecordSelectors As System.Boolean	
C#	
[System.ComponentModel.DefaultValueAttribute()]	

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Shows/hides row selection panel at left of split.")]
public System.bool RecordSelectors {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*RecordSelectorStyle Property*

Gets or sets the [Style](#) object that controls the appearance of the [RecordSelectors](#).

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Controls the record selector style for the split")>
<C1CategoryAttribute("Styles")>
Public Property RecordSelectorStyle As Style
```

C#

```
[C1DescriptionAttribute("Controls the record selector style for the split")]
[C1CategoryAttribute("Styles")]
public Style RecordSelectorStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*RecordSelectorWidth Property*

Gets or sets the width of the row headers.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves the record selector width.")>
Public Property RecordSelectorWidth As System.Integer
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves the record selector width.")]
public System.int RecordSelectorWidth {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Rows Property*

Gets the collection of Rows displayed in the Split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
```

```
Public ReadOnly Property Rows As ViewRowList
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]  
[System.ComponentModel.BrowsableAttribute(false)]  
public ViewRowList Rows {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*SelectedStyle* Property

Gets or sets the [Style](#) object that controls the appearance of selected rows and columns.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Styles")>  
<C1DescriptionAttribute("Controls the selected row/column style for the split")>  
Public Property SelectedStyle As Style
```

C#

```
[C1CategoryAttribute("Styles")]  
[C1DescriptionAttribute("Controls the selected row/column style for the split")]  
public Style SelectedStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*SplitSize Property*

Gets or sets the size of a split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the size of a split.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property SplitSize As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the size of a split.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.int SplitSize {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*SplitSizeMode Property*

Gets or sets a value indicating how the [SplitSize](#) property is used to determine the actual size of a split.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Determines how the SplitSize property is used to
determine the actual size of a split.")>
Public Property SplitSizeMode As SizeModeEnum
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Determines how the SplitSize property is used to
determine the actual size of a split.")]
public SizeModeEnum SplitSizeMode {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

#### *SpringMode Property*

Gets or sets a value that determines how columns will resize when the grid is resized.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves how columns size when the split is
resized.")>
Public Property SpringMode As System.Boolean
```

C#

```

[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves how columns size when the split is
resized.")]
public System.bool SpringMode {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*Style Property*

Gets or sets the root [Style](#) object for the Split.

## Syntax

Visual Basic (Declaration)	
<C1CategoryAttribute("Styles")> <C1DescriptionAttribute("Controls the selected row style for the split")> Public Property Style As Style	
C#	
[C1CategoryAttribute("Styles")] [C1DescriptionAttribute("Controls the selected row style for the split")] public Style Style {get; set;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*VerticalOffset Property*

Gets or sets the position of the Vertical scrollbar.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property VerticalOffset As System.Integer
```

C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int VerticalOffset {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*VerticalScrollGroup Property*

Gets or sets the group which synchronizes vertical scrolling between splits.

## Syntax

Visual Basic (Declaration)

```
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1CategoryAttribute("Scrolling")>
<C1DescriptionAttribute("Synchronizes vertical scrolling between splits.")>
Public Property VerticalScrollGroup As System.Integer
```

C#

```
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1CategoryAttribute("Scrolling")]
[C1DescriptionAttribute("Synchronizes vertical scrolling between splits.")]
public System.int VerticalScrollGroup {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

*VScrollBar Property*

Gets the [C1.Win.C1TrueDBGrid.Util.VBar](#) object that controls the appearance of the vertical scrollbar.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Vertical Scroll Bar.")>
<C1CategoryAttribute("Scrolling")>
Public ReadOnly Property VScrollBar As VBar
```

C#

```
[C1DescriptionAttribute("Vertical Scroll Bar.")]
[C1CategoryAttribute("Scrolling")]
```

```
public VBar VScrollBar {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split Class](#)

[Split Members](#)

[SplitCollection](#)

Represents a collection of Split objects.

## Object Model

[SplitCollection](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.SplitCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class SplitCollection
    Inherits System.Collections.CollectionBase
    Implements C1.Win.C1TrueDBGrid.Util.Xml.Serialization.IMemberTypeEncoder
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.SplitCollectionEditor,
```

```
C1.Win.C1TrueDBGrid.4.Design")]
[System.Reflection.DefaultMemberAttribute("Item")]
public class SplitCollection : System.Collections.CollectionBase,
C1.Win.C1TrueDBGrid.Util.Xml.Serialization.IMemberTypeEncoder
```

## Inheritance Hierarchy

```
System.Object
  System.Collections.CollectionBase
    C1.Win.C1TrueDBGrid.SplitCollection
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a collection of Split objects.

## Object Model

SplitCollection

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.SplitCollectionEditor,
C1.Win.C1TrueDBGrid.4.Design")>
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class SplitCollection
```

<b>Inherits</b> System.Collections.CollectionBase <b>Implements</b> C1.Win.C1TrueDBGrid.Util.Xml.Serialization.IMemberTypeEncoder	
--	--

C#

[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="C1.Win.C1TrueDBGrid.Design.SplitCollectionEditor, C1.Win.C1TrueDBGrid.4.Design")] [System.Reflection.DefaultMemberAttribute("Item")] public class SplitCollection : System.Collections.CollectionBase, C1.Win.C1TrueDBGrid.Util.Xml.Serialization.IMemberTypeEncoder	
---	--

## Inheritance Hierarchy

System.Object  
System.Collections.CollectionBase  
**C1.Win.C1TrueDBGrid.SplitCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [SplitCollection](#).

## Public Properties

	Name	Description

 <a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">ColCount</a>	Gets the number of horizontal splits in the collection.
 <a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">Item</a>	Overloaded. Gets the specified Split object from the collection.
 <a href="#">RowCount</a>	Gets the number of vertical splits in the collection.

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## Protected Properties

	Name	Description
 <a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">List</a>	(Inherited from System.Collections.CollectionBase)	

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## Public Methods

	Name	Description
 <a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">IndexOf</a>	Gets the index if the specified Split.	
 <a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)	

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## Protected Methods

	Name	Description
⌚	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnInsert</a>	Overridden.
⌚	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
⌚	<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[SplitCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Methods

For a list of all members of this type, see [SplitCollection members](#).

## Public Methods

	Name	Description
≡⌚	<a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)

 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">IndexOf</a>	Gets the index if the specified Split.
 <a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
 <a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsert</a>	Overridden.	
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)	

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## See Also

### Reference

[SplitCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *IndexOf Method*

Gets the index if the specified Split.

## Syntax

### Visual Basic (Declaration)

```
Public Function IndexOf( _
    ByVal v As View _
) As System.Integer
```

### C#

```
public System.int IndexOf(
    View v
)
```

### Parameters

v

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Class](#)

[SplitCollection Members](#)

### *OnInsert Method*

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnInsert( _
    ByVal index As System.Integer, _
    ByVal value As System.Object _
)
```

C#

```
protected override void OnInsert(
    System.int index,
    System.object value
)
```

## Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Class](#)

[SplitCollection Members](#)

### Properties

For a list of all members of this type, see [SplitCollection members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">ColCount</a>	Gets the number of horizontal splits in the collection.
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Overloaded. Gets the specified Split object from the collection.

	<a href="#">RowCount</a>	Gets the number of vertical splits in the collection.
--	--------------------------	---

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[SplitCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *ColCount Property*

Gets the number of horizontal splits in the collection.

## Syntax

Visual Basic (Declaration)	
	<code>Public ReadOnly Property ColCount As System.Integer</code>
C#	
	<code>public System.int ColCount {get;}</code>

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## [SplitCollection Class](#)

### [SplitCollection Members](#)

#### *Item Property*

Gets the specified Split object from the collection.

## Overload List

Overload	Description
<a href="#">Item(Int32)</a>	Gets the specified Split object from the collection.
<a href="#">Item(String)</a>	Gets the specified Split object from the collection.
<a href="#">Item(Int32,Int32)</a>	Gets the specified Split object from the collection.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### [SplitCollection Class](#)

#### [SplitCollection Members](#)

#### [Item\(Int32\) Property](#)

Gets the specified Split object from the collection.

## Syntax

### Visual Basic (Declaration)

```
Public Overloads Property Item( _
    ByVal index As System.Integer _
) As Split
```

### C#

```
public Split Item(
    System.int index
) {get; set;}
```

## Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Class](#)

[SplitCollection Members](#)

[Overload List](#)

[Item\(String\) Property](#)

Gets the specified Split object from the collection.

## Syntax

Visual Basic (Declaration)

```
Public Overloads ReadOnly Property Item( _
    ByVal name As System.String _
) As Split
```

C#

```
public Split Item(
    System.string name
) {get;}
```

## Parameters

*name*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Class](#)

[SplitCollection Members](#)

[Overload List](#)

[Item\(Int32,Int32\) Property](#)

Gets the specified Split object from the collection.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Property Item( _
    ByVal row As System.Integer, _
    ByVal col As System.Integer _
) As Split
```

C#

```
public Split Item(
    System.int row,
    System.int col
) {get; set;}
```

### Parameters

*row*

*col*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[SplitCollection Class](#)  
[SplitCollection Members](#)  
[Overload List](#)

### *RowCount Property*

Gets the number of vertical splits in the collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property RowCount As System.Integer
```

C#

```
public System.int RowCount {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitCollection Class](#)  
[SplitCollection Members](#)

### SplitEventArgs

Provides data for the [C1TrueDBGrid.FirstRowChange](#) and [C1TrueDBGrid.LeftColChange](#) events.

## Object Model

SplitEventArgs

## Syntax

Visual Basic (Declaration)

<pre>Public Class SplitEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class SplitEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
 System.EventArgs  
**C1.Win.C1TrueDBGrid.SplitEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.FirstRowChange](#) and [C1TrueDBGrid.LeftColChange](#) events.

## Object Model

SplitEventArgs

## Syntax

Visual Basic (Declaration)	
<pre>Public Class SplitEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class SplitEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.SplitEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*  
*Properties*

The following tables list the members exposed by [SplitEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">SplitIndex</a>	Indicates the position of the Split in the Splits collection.

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## See Also

### Reference

[SplitEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

>

Name	Description
------	-------------



Indicates the position of the Split in the Splits collection.

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## See Also

### Reference

[SplitEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*SplitIndex Property*

Indicates the position of the Split in the Splits collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property SplitIndex As System.Integer
```

C#

```
public System.int SplitIndex {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitEventArgs Class](#)  
[SplitEventArgs Members](#)

[Style](#)

Represents an object used to render grid elements.

## Object Model

[Style](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.StyleUITypeEditor,  
C1.Win.C1TrueDBGrid.4.Design")>  
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
Public Class Style
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.StyleUITypeEditor,  
C1.Win.C1TrueDBGrid.4.Design")]  
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class Style
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Style**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## Style Members

### C1.Win.C1TrueDBGrid Namespace

#### Overview

Represents an object used to render grid elements.

## Object Model

Style

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.StyleUITypeEditor,  
C1.Win.C1TrueDBGrid.4.Design")>  
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
Public Class Style
```

### C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.StyleUITypeEditor,  
C1.Win.C1TrueDBGrid.4.Design")]  
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class Style
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Style**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [Style](#).

## Public Constructors

	Name	Description
	<a href="#">Style Constructor</a>	Creates a new instance of this object.

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## Public Properties

	Name	Description
	<a href="#">Alpha</a>	Gets or sets the alpha component when the style is rendered.
	<a href="#">BackColor</a>	Gets or sets the background color associated with a Style.
	<a href="#">BackColor2</a>	Gets or sets the background color associated with a Style.
	<a href="#">BackgroundImage</a>	Gets or sets the background image associated with a Style.
	<a href="#">BackgroundPictureDrawMode</a>	Gets or sets the rendering method for a <a href="#">BackgroundImage</a> .
	<a href="#">Borders</a>	Gets the <a href="#">GridBorders</a> associated with this Style.

 <a href="#">Font</a>	Gets or sets the Font associated with a Style.
 <a href="#">ForeColor</a>	Gets or sets the foreground color associated with a Style.
 <a href="#">ForegroundImage</a>	Gets or sets the foreground image associated with a style.
 <a href="#">ForeGroundPicturePosition</a>	Gets or sets the position that the ForGroupImage is rendered.
 <a href="#">GammaCorrection</a>	Gets or sets a value indicating whether gamma correction is enabled when a linear gradient style is rendered.
 <a href="#">GradientMode</a>	Gets or sets the direction of a linear gradient.
 <a href="#">HorizontalAlignment</a>	Gets or sets the horizontal text alignment.
 <a href="#">Locked</a>	Gets or sets a value indicating whether data entry is permitted for the associated object.
 <a href="#">Name</a>	Gets or sets the name of the Style.
 <a href="#">Padding</a>	Gets or sets the spacing between cell content and its edges.
 <a href="#">Trimming</a>	Gets or sets the trim characters for a string that does not completely fit into a layout shape.
 <a href="#">VerticalAlignment</a>	Gets or sets the vertical text alignment.
 <a href="#">WrapText</a>	Gets or sets a value indicating whether text is word-wrapped when it does not fit into a layout shape.

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## Public Methods

	Name	Description

=♪	<a href="#">Dispose</a>	Overloaded. Called when the class is being disposed.
=♪	<a href="#">Render</a>	Overloaded. Renders the given string using the style properties.
=♪	<a href="#">Reset</a>	Resets all specialized attributes.
=♪	<a href="#">ResetBackColor</a>	Reset BackColor to its default value.
=♪	<a href="#">ResetBackgroundImage</a>	Resets the BackgroundImage to its default value.
=♪	<a href="#">ResetBackgroundPictureDrawMode</a>	Resets BackgroundPictureDrawMode to its default value.
=♪	<a href="#">ResetFont</a>	Resets Font to its default value.
=♪	<a href="#">ResetForeColor</a>	Resets ForeColor to its default value.
=♪	<a href="#">ResetForegroundImage</a>	Resets ForegroundImage to its default value.
=♪	<a href="#">ResetForeGroundPicturePosition</a>	Resets ForGroundImagePosition to its default value.
=♪	<a href="#">ResetHorizontalAlignment</a>	Resets HorizontalAlignment to its default value.
=♪	<a href="#">ResetLocked</a>	Resets Locked to its default value.
=♪	<a href="#">ResetTrimming</a>	Resets Trimming to its default value.
=♪	<a href="#">ResetVerticalAlignment</a>	Resets VerticalAlignment to its default value.
=♪	<a href="#">ResetWrapText</a>	Resets WrapText to its default value.
=♪	<a href="#">ToString</a>	

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## See Also

## Reference

[Style Class](#)

C1.Win.C1TrueDBGrid Namespace

*Style Constructor*

Creates a new instance of this object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public Style()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*Methods*

For a list of all members of this type, see [Style members](#).

## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Called when the class is being disposed.
=	<a href="#">Render</a>	Overloaded. Renders the given string using the style properties.

= 	<a href="#">Reset</a>	Resets all specialized attributes.
= 	<a href="#">ResetBackColor</a>	Reset BackColor to its default value.
= 	<a href="#">ResetBackgroundImage</a>	Resets the BackgroundImage to its default value.
= 	<a href="#">ResetBackgroundPictureDrawMode</a>	Resets BackgroundPictureDrawMode to its default value.
= 	<a href="#">ResetFont</a>	Resets Font to its default value.
= 	<a href="#">ResetForeColor</a>	Resets ForeColor to its default value.
= 	<a href="#">ResetForegroundImage</a>	Resets ForegroundImage to its default value.
= 	<a href="#">ResetForeGroundPicturePosition</a>	Resets ForGroundImagePosition to its default value.
= 	<a href="#">ResetHorizontalAlignment</a>	Resets HorizontalAlignment to its default value.
= 	<a href="#">ResetLocked</a>	Resets Locked to its default value.
= 	<a href="#">ResetTrimming</a>	Resets Trimming to its default value.
= 	<a href="#">ResetVerticalAlignment</a>	Resets VerticalAlignment to its default value.
= 	<a href="#">ResetWrapText</a>	Resets WrapText to its default value.
= 	<a href="#">ToString</a>	

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## See Also

### Reference

[Style Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Dispose Method*

Called when the class is being disposed.

## Overload List

Overload	Description
<a href="#">Dispose()</a>	Called when the class is being disposed.
<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[Dispose\(\) Method](#)

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub Dispose()</pre>	
C#	
<pre>public void Dispose()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[Overload List](#)

Dispose(Boolean) Method

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overridable Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
public virtual void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[Overload List](#)

*Render Method*

Renders the given string using the style properties.

## Overload List

Overload	Description
<a href="#">Render(Graphics, Rectangle, String)</a>	Renders the given string using the style properties.
<a href="#">Render(Graphics, Rectangle, String, DrawCellFlags)</a>	Renders the given string using the style properties.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[Render\(Graphics, Rectangle, String\) Method](#)  
Graphics object to render too.

Rectangle to render in.

String to render.

Renders the given string using the style properties.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub Render( _     ByVal g As System.Drawing.Graphics, _     ByVal r As System.Drawing.Rectangle, _     ByVal s As System.String _ )</pre>	

C#

```
public void Render(  
    System.Drawing.Graphics g,  
    System.Drawing.Rectangle r,  
    System.string s  
)
```

## Parameters

*g*

Graphics object to render too.

*r*

Rectangle to render in.

*s*

String to render.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[Overload List](#)

[Render\(Graphics, Rectangle, String, DrawCellFlags\) Method](#)

Graphics object to render too.

Rectangle to render in.

String to render.

The draw flags.

Renders the given string using the style properties.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub Render( _     ByVal g As System.Drawing.Graphics, _     ByVal r As System.Drawing.Rectangle, _     ByVal s As System.String, _     ByVal flags As DrawCellFlags _ )</pre>	
C#	
<pre>public void Render(     System.Drawing.Graphics g,     System.Drawing.Rectangle r,     System.string s,     DrawCellFlags flags )</pre>	

### Parameters

*g*

Graphics object to render too.

*r*

Rectangle to render in.

*s*

String to render.

*flags*

The draw flags.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Style Class](#)  
[Style Members](#)  
[Overload List](#)

### *Reset Method*

Resets all specialized attributes.

## Syntax

Visual Basic (Declaration)	
<code>Public Sub Reset()</code>	
C#	
<code>public void Reset()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)  
[Style Members](#)

### *ResetBackColor Method*

Reset BackColor to its default value.

## Syntax

Visual Basic (Declaration)	
<code>Public Sub ResetBackColor()</code>	
C#	
<code>public void ResetBackColor()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)  
[Style Members](#)

*ResetBackgroundImage Method*

Resets the BackgroundImage to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetBackgroundImage()</pre>	
C#	
<pre>public void ResetBackgroundImage()</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)  
[Style Members](#)

*ResetBackgroundPictureDrawMode Method*

Resets BackgroundPictureDrawMode to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetBackgroundPictureDrawMode()</pre>	
C#	
<pre>public void ResetBackgroundPictureDrawMode()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ResetFont Method*

Resets Font to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetFont()</pre>	
C#	
<pre>public void ResetFont()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

#### *ResetForeColor Method*

Resets ForeColor to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetForeColor()</pre>	
C#	
<pre>public void ResetForeColor()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

#### *ResetForegroundImage Method*

Resets ForegroundImage to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetForegroundImage()</pre>	
C#	
<pre>public void ResetForegroundImage()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ResetForegroundPicturePosition Method*

Resets ForGroundImagePosition to its default value.

## Syntax

Visual Basic (Declaration)

```
Public Sub ResetForegroundPicturePosition()
```

C#

```
public void ResetForegroundPicturePosition()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ResetHorizontalAlignment Method*

Resets HorizontalAlignment to its default value.

## Syntax

Visual Basic (Declaration)

```
Public Sub ResetHorizontalAlignment()
```

C#

```
public void ResetHorizontalAlignment()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ResetLocked Method*

Resets Locked to its default value.

## Syntax

```
Visual Basic (Declaration)
```

```
Public Sub ResetLocked()
```

C#

```
public void ResetLocked()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *ResetTrimming Method*

Resets Trimming to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetTrimming()</pre>	
C#	
<pre>public void ResetTrimming()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *ResetVerticalAlignment Method*

Resets VerticalAlignment to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetVerticalAlignment()</pre>	
C#	
<pre>public void ResetVerticalAlignment()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ResetWrapText Method*

Resets WrapText to its default value.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub ResetWrapText()</pre>	
C#	
<pre>public void ResetWrapText()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	
<pre>public override System.String ToString()</pre>	

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### Properties

For a list of all members of this type, see [Style members](#).

## Public Properties

	Name	Description
	<a href="#">Alpha</a>	Gets or sets the alpha component when the style is rendered.
	<a href="#">BackColor</a>	Gets or sets the background color associated with a Style.
	<a href="#">BackColor2</a>	Gets or sets the background color associated with a Style.
	<a href="#">BackgroundImage</a>	Gets or sets the background image associated with a Style.
	<a href="#">BackgroundPictureDrawMode</a>	Gets or sets the rendering method for a <a href="#">BackgroundImage</a> .
	<a href="#">Borders</a>	Gets the <a href="#">GridBorders</a> associated with this Style.
	<a href="#">Font</a>	Gets or sets the Font associated with a Style.
	<a href="#">ForeColor</a>	Gets or sets the foreground color associated with a Style.
	<a href="#">ForegroundImage</a>	Gets or sets the foreground image associated with a style.

 <a href="#">ForeColorPosition</a>	Gets or sets the position that the ForGroupImage is rendered.
 <a href="#">GammaCorrection</a>	Gets or sets a value indicating whether gamma correction is enabled when a linear gradient style is rendered.
 <a href="#">GradientMode</a>	Gets or sets the direction of a linear gradient.
 <a href="#">HorizontalAlignment</a>	Gets or sets the horizontal text alignment.
 <a href="#">Locked</a>	Gets or sets a value indicating whether data entry is permitted for the associated object.
 <a href="#">Name</a>	Gets or sets the name of the Style.
 <a href="#">Padding</a>	Gets or sets the spacing between cell content and its edges.
 <a href="#">Trimming</a>	Gets or sets the trim characters for a string that does not completely fit into a layout shape.
 <a href="#">VerticalAlignment</a>	Gets or sets the vertical text alignment.
 <a href="#">WrapText</a>	Gets or sets a value indicating whether text is word-wrapped when it does not fit into a layout shape.

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## See Also

### Reference

[Style Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Alpha Property*

Gets or sets the alpha component when the style is rendered.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets the alpha component when the style is
rendered.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Alpha As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets the alpha component when the style is
rendered.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.int Alpha {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*BackColor Property*

Gets or sets the background color associated with a Style.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves the background color associated with
a style.")>
```

<code>Public Property BackColor As System.Drawing.Color</code>	
<code>C#</code>	
<code>[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]</code> <code>[C1DescriptionAttribute("Sets or retrieves the background color associated with a style.")]</code> <code>public System.Drawing.Color BackColor {get; set;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*BackColor2 Property*

Gets or sets the background color associated with a Style.

## Syntax

<code>Visual Basic (Declaration)</code>	
<code>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)&gt;</code> <code>&lt;C1DescriptionAttribute("Sets or retrieves the background color that represents the ending color of a linear gradient.")&gt;</code> <code>Public Property BackColor2 As System.Drawing.Color</code>	
<code>C#</code>	
<code>[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]</code> <code>[C1DescriptionAttribute("Sets or retrieves the background color that represents the ending color of a linear gradient.")]</code>	

```
public System.Drawing.Color BackColor2 {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*BackgroundImage Property*

Gets or sets the background image associated with a Style.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>  
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Sets or retrieves the background image associated with  
a style.")>  
Public Property BackgroundImage As System.Drawing.Image
```

C#

```
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.  
UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,  
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]  
[System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)]
```

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the background image associated with a style.")]
public System.Drawing.Image BackgroundImage {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)  
[Style Members](#)

*BackgroundPictureDrawMode Property*

Gets or sets the rendering method for a [BackgroundImage](#).

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves the background picture draw mode associated with a style.")>
Public Property BackgroundPictureDrawMode As BackgroundPictureDrawModeEnum
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the background picture draw mode associated with a style.")]
public BackgroundPictureDrawModeEnum BackgroundPictureDrawMode {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*Borders Property*

Gets the [GridBorders](#) associated with this Style.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Retrieves the GridBorders that this style renders.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public ReadOnly Property Borders As GridBorders
```

C#

```
[C1DescriptionAttribute("Retrieves the GridBorders that this style renders.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public GridBorders Borders {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *Font Property*

Gets or sets the Font associated with a Style.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the font associated with a style.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Font As System.Drawing.Font
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves the font associated with a style.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.Drawing.Font Font {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *ForeColor Property*

Gets or sets the foreground color associated with a Style.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves the foreground color associated with
```

<pre>a style."&gt; Public Property ForeColor As System.Drawing.Color</pre>	
C#	
<pre>[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] [C1DescriptionAttribute("Sets or retrieves the foreground color associated with a style.")] public System.Drawing.Color ForeColor {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)  
[Style Members](#)

#### *ForegroundImage Property*

Gets or sets the foreground image associated with a style.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; &lt;C1DescriptionAttribute("Sets or retrieves the foreground image associated with a style.")&gt; &lt;System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design .UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a", EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")&gt; Public Property ForegroundImage As System.Drawing.Image</pre>	

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the foreground image associated with
a style.")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
public System.Drawing.Image ForegroundImage {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*ForeGroundPicturePosition Property*

Gets or sets the position that the ForGroupImage is rendered.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the foreground image position
associated with a style.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property ForeGroundPicturePosition As ForeGroundPicturePositionEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the foreground image position
```

```

associated with a style.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public ForeGroundPicturePositionEnum ForeGroundPicturePosition {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *GammaCorrection Property*

Gets or sets a value indicating whether gamma correction is enabled when a linear gradient style is rendered.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether gamma
correction is enabled when a linear gradient style is rendered.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property GammaCorrection As System.Boolean

```

C#	
----	--

```

[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether gamma
correction is enabled when a linear gradient style is rendered.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public System.bool GammaCorrection {get; set;}

```

## Property Value

true if gamma correction is enabled; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*GradientMode Property*

Gets or sets the direction of a linear gradient.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Specifies the direction of a linear gradient.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property GradientMode As GradientModeEnum
```

C#

```
[C1DescriptionAttribute("Specifies the direction of a linear gradient.")]
[System.ComponentModel.DefaultValueAttribute()]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public GradientModeEnum GradientMode {get; set;}
```

### Property Value

The gradient mode.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*HorizontalAlignment Property*

Gets or sets the horizontal text alignment.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the horizontal text alignment.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property HorizontalAlignment As AlignHorzEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the horizontal text alignment.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
public AlignHorzEnum HorizontalAlignment {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *Locked Property*

Gets or sets a value indicating whether data entry is permitted for the associated object.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Sets or retrieves whether data entry is permitted for  
the associated object.")>  
Public Property Locked As System.Boolean
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Sets or retrieves whether data entry is permitted for  
the associated object.")]  
public System.bool Locked {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *Name Property*

Gets or sets the name of the Style.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
```

```
ationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves the name of the style.")>
Public Property Name As System.String
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the name of the style.")]
public System.string Name {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *Padding Property*

Gets or sets the spacing between cell content and its edges.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(True)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<C1DescriptionAttribute("Gets or sets the spacing between cell content and its
edges, in pixels.")>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.Repaint)>
Public Property Padding As System.Drawing.Printing.Margins
```

C#

```
[System.ComponentModel.BrowsableAttribute(true)]
```

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Gets or sets the spacing between cell content and its edges, in pixels.")]
[System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.Repaint)]
public System.Drawing.Printing.Margins Padding {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*Trimming Property*

Gets or sets the trim characters for a string that does not completely fit into a layout shape.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<C1DescriptionAttribute("Sets or retrieves how to trim characters from a string that does not completely fit into a layout shape.")>
Public Property Trimming As System.Drawing.StringTrimming
```

### C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves how to trim characters from a string that does not completely fit into a layout shape.")]
public System.Drawing.StringTrimming Trimming {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

*VerticalAlignment Property*

Gets or sets the vertical text alignment.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
<C1DescriptionAttribute("Sets or retrieves the vertical text alignment.")>  
Public Property VerticalAlignment As AlignVertEnum
```

C#

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
[C1DescriptionAttribute("Sets or retrieves the vertical text alignment.")]  
public AlignVertEnum VerticalAlignment {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

### *WrapText Property*

Gets or sets a value indicating whether text is word-wrapped when it does not fit into a layout shape.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether text is word-wrapped in the  
associated object.")>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)>  
Public Property WrapText As System.Boolean
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves whether text is word-wrapped in the  
associated object.")]  
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Hidden)]  
public System.bool WrapText {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Style Class](#)

[Style Members](#)

[UIStrings](#)

Represents a collection of end user visible UI strings.

## Object Model

[UIStrings](#)

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.UIStrings+TypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class UIStrings
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.UIStrings+TypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class UIStrings
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.UIStrings**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Overview*

Represents a collection of end user visible UI strings.

## Object Model

[UIStrings](#)

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.UIStrings+TypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
Public Class UIStrings
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.UIStrings+TypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
public class UIStrings
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.UIStrings**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [UIStrings](#).

## Public Constructors

	Name	Description
--	------	-------------

 <a href="#">UIStrings Constructor</a>	
---	--

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## Public Properties

	Name	Description
	<a href="#">Count</a>	Gets the number of elements contained in the collection.
	<a href="#">Item</a>	Gets or sets the string value for the specified key.

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## Public Methods

	Name	Description
	<a href="#">Add</a>	Overloaded. Adds a string to the collection, specifying the ordinal.
	<a href="#">AddInOrder</a>	Adds a string to the collection, preserving the order.
	<a href="#">GetDescription</a>	Returns the description of a string.
	<a href="#">GetKeyAt</a>	Returns the key of an item with the specified index.
	<a href="#">GetValueAt</a>	Gets the string by its index.
	<a href="#">IsDefault</a>	Tests whether a string in the collection has default value.
	<a href="#">Reset</a>	Overloaded. Sets all strings in collection to their default values.
	<a href="#">SetValueAt</a>	Sets the value of a string with the specified index.
	<a href="#">ShouldSerialize</a>	Indicates whether any of the strings in the current collection have non-default values.

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## Protected Methods

	Name	Description
💡	<a href="#">OnCollectionChanged</a>	Fires the <a href="#">CollectionChanged</a> event.
💡	<a href="#">OnItemAdded</a>	Fires the <a href="#">ItemAdded</a> event.
💡	<a href="#">OnItemChanged</a>	Fires the <a href="#">ItemChanged</a> event.

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## Public Events

	Name	Description
⚡	<a href="#">CollectionChanged</a>	Occurs when the collection has been changed.
⚡	<a href="#">ItemAdded</a>	Occurs when a new item is added to the collection.
⚡	<a href="#">ItemChanged</a>	Occurs when an item in the collection is changed.

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## See Also

### Reference

[UIStrings Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*UIStrings Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	

```
public UIStrings()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

#### Methods

For a list of all members of this type, see [UIStrings members](#).

## Public Methods

	Name	Description
=	<a href="#">Add</a>	Overloaded. Adds a string to the collection, specifying the ordinal.
=	<a href="#">AddInOrder</a>	Adds a string to the collection, preserving the order.
=	<a href="#">GetDescription</a>	Returns the description of a string.
=	<a href="#">GetKeyAt</a>	Returns the key of an item with the specified index.
=	<a href="#">GetValueAt</a>	Gets the string by its index.
=	<a href="#">IsDefault</a>	Tests whether a string in the collection has default value.
=	<a href="#">Reset</a>	Overloaded. Sets all strings in collection to their default values.
=	<a href="#">SetValueAt</a>	Sets the value of a string with the specified index.
=	<a href="#">ShouldSerialize</a>	Indicates whether any of the strings in the current collection have non-

		default values.
--	--	-----------------

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## Protected Methods

	Name	Description
	<a href="#">OnCollectionChanged</a>	Fires the <a href="#">CollectionChanged</a> event.
	<a href="#">OnItemAdded</a>	Fires the <a href="#">ItemAdded</a> event.
	<a href="#">OnItemChanged</a>	Fires the <a href="#">ItemChanged</a> event.

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## See Also

### Reference

[UIStrings Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Add Method*

Adds a string to the collection, specifying the ordinal.

## Overload List

Overload	Description
<a href="#">Add(Object,Int32,String,String)</a>	Adds a string to the collection, specifying the ordinal.
<a href="#">Add(Object,String,String)</a>	Adds a string to the collection in alphabetical order.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[UIStrings Class](#)

[UIStrings Members](#)

Add(Object,Int32,String,String) Method

The key of the string.

The ordinal of the string.

The string.

The description of the string.

Adds a string to the collection, specifying the ordinal.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Add( _
    ByVal key As System.Object, _
    ByVal ordinal As System.Integer, _
    ByVal value As System.String, _
    ByVal description As System.String _
)
```

C#

```
public void Add(
    System.object key,
    System.int ordinal,
    System.string value,
    System.string description
)
```

## Parameters

*key*

The key of the string.

*ordinal*

The ordinal of the string.

*value*

The string.

*description*

The description of the string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

[Overload List](#)

Add(Object, String, String) Method

The key of the string.

The string.

The description of the string.

Adds a string to the collection in alphabetical order.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Add( _
    ByVal key As System.Object, _
    ByVal value As System.String, _
    ByVal description As System.String _
)
```

C#

```
public void Add(
    System.Object key,
```

```
        System.string value,
        System.string description
    )
```

## Parameters

*key*

The key of the string.

*value*

The string.

*description*

The description of the string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)  
[UIStrings Members](#)  
[Overload List](#)

*AddInOrder Method*

The key of the string.

The string.

The description of the string.

Adds a string to the collection, preserving the order.

## Syntax

Visual Basic (Declaration)

```
Public Sub AddInOrder( _
```

```
    ByVal key As System.Object, _
    ByVal value As System.String, _
    ByVal description As System.String _
)
```

C#

```
public void AddInOrder(
    System.object key,
    System.string value,
    System.string description
)
```

## Parameters

*key*

The key of the string.

*value*

The string.

*description*

The description of the string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*GetDescription Method*

The key of the string to get the description of.

Returns the description of a string.

## Syntax

Visual Basic (Declaration)

```
Public Function GetDescription( _
    ByVal key As System.Object _
) As System.String
```

C#

```
public System.string GetDescription(
    System.object key
)
```

## Parameters

*key*

The key of the string to get the description of.

## Return Value

The string's description

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*GetKeyAt Method*

The item index.

Returns the key of an item with the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Function GetKeyAt( _
```

```
    ByVal index As System.Integer _  
) As System.Object
```

C#

```
public System.Object GetKeyAt(  
    System.int index  
)
```

## Parameters

*index*

The item index.

## Return Value

The item's key.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)  
[UIStrings Members](#)

*GetValueAt Method*

The string index.

Gets the string by its index.

## Syntax

Visual Basic (Declaration)

```
Public Function GetValueAt( _  
    ByVal index As System.Integer _  
) As System.String
```

C#

```
public System.string GetValueAt(  
    System.int index  
)
```

## Parameters

*index*

The string index.

## Return Value

The string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*IsDefault Method*

The key of the string to test.

Tests whether a string in the collection has default value.

## Syntax

Visual Basic (Declaration)

```
Public Function IsDefault( _  
    ByVal key As System.Object _  
) As System.Boolean
```

C#

```
public System.bool IsDefault(
```

```
    System.Object key  
)
```

## Parameters

*key*

The key of the string to test.

## Return Value

`true` if the string has default value, `false` otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)  
[UIStrings Members](#)

*OnCollectionChanged Method*

The event data.

Fires the [CollectionChanged](#) event.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnCollectionChanged( _  
    ByVal e As System.EventArgs _  
)
```

C#

```
protected virtual void OnCollectionChanged(  
    System.EventArgs e  
)
```

## Parameters

*e*

The event data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*OnItemAdded Method*

The event data.

Fires the [ItemAdded](#) event.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnItemAdded( _     ByVal e As UIStringsItemEventArgs _ )</pre>	
C#	
<pre>protected virtual void OnItemAdded(     UIStringsItemEventArgs e )</pre>	

### Parameters

*e*

The event data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*OnItemChanged Method*

The event data.

Fires the [ItemChanged](#) event.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnItemChanged( _
    ByVal e As UIStringsEventArgs _
)
```

C#

```
protected virtual void OnItemChanged(
    UIStringsEventArgs e
)
```

### Parameters

*e*

The event data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)  
[UIStrings Members](#)

*Reset Method*

Sets all strings in collection to their default values.

## Overload List

Overload	Description
<a href="#">Reset()</a>	Sets all strings in collection to their default values.
<a href="#">Reset(Object)</a>	Resets a string to its default value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)  
[UIStrings Members](#)

[Reset\(\) Method](#)

Sets all strings in collection to their default values.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub Reset()</pre>	
C#	
<pre>public void Reset()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

[Overload List](#)

[Reset\(Object\) Method](#)

The key of the string to reset.

Resets a string to its default value.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Reset( _
    ByVal key As System.Object _
)
```

C#

```
public void Reset(
    System.Object key
)
```

### Parameters

*key*

The key of the string to reset.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[UIStrings Class](#)  
[UIStrings Members](#)  
[Overload List](#)

### *SetValueAt Method*

The string index.

The new string value.

Sets the value of a string with the specified index.

## Syntax

### Visual Basic (Declaration)

```
Public Sub SetValueAt( _
    ByVal index As System.Integer, _
    ByVal value As System.String _
)
```

### C#

```
public void SetValueAt(
    System.int index,
    System.string value
)
```

## Parameters

### *index*

The string index.

### *value*

The new string value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

#### *ShouldSerialize Method*

Indicates whether any of the strings in the current collection have non-default values.

## Syntax

Visual Basic (Declaration)

```
Public Function ShouldSerialize() As System.Boolean
```

C#

```
public System.bool ShouldSerialize()
```

### Return Value

`true` if any of the strings have non-default values, `false` otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

#### *Properties*

For a list of all members of this type, see [UIStrings members](#).

## Public Properties

	Name	Description

	<a href="#">Count</a>	Gets the number of elements contained in the collection.
	<a href="#">Item</a>	Gets or sets the string value for the specified key.

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## See Also

### Reference

[UIStrings Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Count Property*

Gets the number of elements contained in the collection.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)&gt; &lt;System.ComponentModel.BrowsableAttribute(False)&gt; &lt;C1DescriptionAttribute("Gets the number of elements contained in the collection.")&gt; Public ReadOnly Property Count As System.Integer</pre>	

C#	
<pre>[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Hidden)] [System.ComponentModel.BrowsableAttribute(false)] [C1DescriptionAttribute("Gets the number of elements contained in the collection.")] public System.int Count {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

#### *Item Property*

The key of the string.

Gets or sets the string value for the specified key.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets the string value for the specified key.")>
Public Default Property Item( _
    ByVal key As System.Object _ 
) As System.String
```

C#

```
[C1DescriptionAttribute("Gets or sets the string value for the specified key.")]
public System.string this[
    System.object key
]; {get; set;}
```

### Parameters

*key*

The key of the string.

### Property Value

The string corresponding to the specified key.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[UIStrings Class](#)

[UIStrings Members](#)

### Events

For a list of all members of this type, see [UIStrings members](#).

## Public Events

	Name	Description
	<a href="#">CollectionChanged</a>	Occurs when the collection has been changed.
	<a href="#">ItemAdded</a>	Occurs when a new item is added to the collection.
	<a href="#">ItemChanged</a>	Occurs when an item in the collection is changed.

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## See Also

### Reference

[UIStrings Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *CollectionChanged Event*

Occurs when the collection has been changed.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs when the collection has been changed.")> <System.ComponentModel.BrowsableAttribute(False)> Public Event CollectionChanged As System.EventHandler	
C#	
[C1DescriptionAttribute("Occurs when the collection has been changed.")] [System.ComponentModel.BrowsableAttribute(false)]	

```
public event System.EventHandler CollectionChanged
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*ItemAdded Event*

Occurs when a new item is added to the collection.

## Syntax

Visual Basic (Declaration)	
<C1DescriptionAttribute("Occurs when a new item is added to the collection.")>	
<System.ComponentModel.BrowsableAttribute(False)>	
Public Event ItemAdded As UIStringsItemEventHandler	

C#	
[C1DescriptionAttribute("Occurs when a new item is added to the collection.")]	
[System.ComponentModel.BrowsableAttribute(false)]	
public event UIStringsItemEventHandler ItemAdded	

## Event Data

The event handler receives an argument of type [UIStringsItemEventArgs](#) containing data related to this event. The following **UIStringsItemEventArgs** properties provide information specific to this event.

Property	Description
Description	Gets the description.

<a href="#">IsDefault</a>	Gets a value indicating whether this instance is default.
<a href="#">Key</a>	Gets key of the item being added or changed.
<a href="#">Value</a>	Gets the string value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

*ItemChanged Event*

Occurs when an item in the collection is changed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<System.ComponentModel.BrowsableAttribute(False)>
<C1DescriptionAttribute("Occurs when an item in the collection is changed.")>
Public Event ItemChanged As UIStringsItemEventHandler
```

C#	
----	--

```
[System.ComponentModel.BrowsableAttribute(false)]
[C1DescriptionAttribute("Occurs when an item in the collection is changed.")]
public event UIStringsItemEventHandler ItemChanged
```

## Event Data

The event handler receives an argument of type [UIStringsEventArgs](#) containing data related to this event. The following **UIStringsEventArgs** properties provide information specific to this event.

Property	Description
<a href="#">Description</a>	Gets the description.
<a href="#">IsDefault</a>	Gets a value indicating whether this instance is default.
<a href="#">Key</a>	Gets key of the item being added or changed.
<a href="#">Value</a>	Gets the string value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStrings Class](#)

[UIStrings Members](#)

[UIStringsEventArgs](#)

Provides data for an [UIStrings](#) item related event.

## Object Model

[UIStringsEventArgs](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class UIStringsEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class UIStringsEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.UIStringsItemEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for an [UIStrings](#) item related event.

## Object Model

[UIStringsItemEventArgs](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class UIStringsItemEventArgs     Inherits System.EventArgs</pre>	
C#	
<pre>public class UIStringsItemEventArgs : System.EventArgs</pre>	

## Inheritance Hierarchy

System.Object  
  System.EventArgs  
    **C1.Win.C1TrueDBGrid.UIStringsItemEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [UIStringsItemEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Description</a>	Gets the description.
	<a href="#">IsDefault</a>	Gets a value indicating whether this instance is default.
	<a href="#">Key</a>	Gets key of the item being added or changed.
	<a href="#">Value</a>	Gets the string value.

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## See Also

### Reference

[UIStringsItemEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Properties*

For a list of all members of this type, see [UIStringsItemEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Description</a>	Gets the description.
	<a href="#">IsDefault</a>	Gets a value indicating whether this instance is default.
	<a href="#">Key</a>	Gets key of the item being added or changed.
	<a href="#">Value</a>	Gets the string value.

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## See Also

### Reference

[UIStringsItemEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Description Property*

Gets the description.

## Syntax

Visual Basic (Declaration)	
	<pre>&lt;C1DescriptionAttribute("The description provided for the item.")&gt; Public ReadOnly Property Description As System.String</pre>
C#	
	<pre>[C1DescriptionAttribute("The description provided for the item.")] public System.string Description {get;}</pre>

### Property Value

The description.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Class](#)  
[UIStringsItemEventArgs Members](#)

#### *IsDefault Property*

Gets a value indicating whether this instance is default.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("True if the value is equal to the default string.")>
Public ReadOnly Property IsDefault As System.Boolean
```

C#

```
[C1DescriptionAttribute("True if the value is equal to the default string.")]
public System.bool IsDefault {get;}
```

### Property Value

true if this instance is default; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Class](#)  
[UIStringsItemEventArgs Members](#)

#### *Key Property*

Gets key of the item being added or changed.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("The key of the item being added or changed.")>
Public ReadOnly Property Key As System.Object
```

C#

```
[C1DescriptionAttribute("The key of the item being added or changed.")]
public System.Object Key {get;}
```

## Property Value

The key.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Class](#)

[UIStringsItemEventArgs Members](#)

*Value Property*

Gets the string value.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("The new string value.")>
Public ReadOnly Property Value As System.String
```

C#

```
[C1DescriptionAttribute("The new string value.")]
public System.String Value {get;}
```

## Property Value

The value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventArgs Class](#)  
[UIStringsItemEventArgs Members](#)

[UnboundColumnFetchEventArgs](#)

Provides data for the [C1TrueDBGrid.UnboundColumnFetch](#) event.

## Object Model

[UnboundColumnFetchEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class UnboundColumnFetchEventArgs  
    Inherits System.EventArgs
```

C#

```
public class UnboundColumnFetchEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

  System.EventArgs

**C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Provides data for the [C1TrueDBGrid.UnboundColumnFetch](#) event.

## Object Model

[UnboundColumnFetchEventArgs](#)

## Syntax

Visual Basic (Declaration)

```
Public Class UnboundColumnFetchEventArgs  
    Inherits System.EventArgs
```

C#

```
public class UnboundColumnFetchEventArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.UnboundColumnFetchEventArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

## *Members*

### [Properties](#)

The following tables list the members exposed by [UnboundColumnFetchEventArgs](#).

## Public Properties

	Name	Description
	<a href="#">Col</a>	Indicates the position in the Columns collection.
	<a href="#">Column</a>	The <a href="#">C1 DataColumn</a> object.
	<a href="#">Row</a>	The index of the row.
	<a href="#">Value</a>	Gets or sets the value of the Column.

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## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### *Properties*

For a list of all members of this type, see [UnboundColumnFetchEventArgs members](#).

## Public Properties

	Name	Description
	<a href="#">Col</a>	Indicates the position in the Columns collection.
	<a href="#">Column</a>	The <a href="#">C1 DataColumn</a> object.
	<a href="#">Row</a>	The index of the row.
	<a href="#">Value</a>	Gets or sets the value of the Column.

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## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Col Property*

Indicates the position in the Columns collection.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Col As System.Integer
```

C#

```
public System.int Col {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)  
[UnboundColumnFetchEventArgs Members](#)

*Column Property*

The [C1 DataColumn](#) object.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Column As C1 DataColumn
```

C#

```
public C1DataColumn Column {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)

[UnboundColumnFetchEventArgs Members](#)

*Row Property*

The index of the row.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Row As System.Integer
```

C#

```
public System.int Row {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)

[UnboundColumnFetchEventArgs Members](#)

*Value Property*

Gets or sets the value of the Column.

## Syntax

Visual Basic (Declaration)

```
Public Property Value As System.String
```

C#

```
public System.String Value {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UnboundColumnFetchEventArgs Class](#)

[UnboundColumnFetchEventArgs Members](#)

[ValueItem](#)

Represents an object that defines a value/display value pair.

## Object Model

[ValueItem](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
```

```
Public Class ValueItem
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
```

```
objectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")]
public class ValueItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.ValueItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents an object that defines a value/display value pair.

## Object Model

ValueItem

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableO
bjectConverter, System, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089")>
Public Class ValueItem
```

### C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableO
bjectConverter, System, Version=4.0.0.0, Culture=neutral,
```

```
PublicKeyToken=b77a5c561934e089")]
public class ValueItem
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.ValueItem**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [ValueItem](#).

## Public Constructors

	Name	Description
=	<a href="#">ValueItem Constructor</a>	Overloaded.

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## Public Properties

	Name	Description
	<a href="#">DisplayValue</a>	Gets or sets the display value of this item.
	<a href="#">Value</a>	Gets or sets the raw (untranslated) value of this item.

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## Protected Properties

	Name	Description
	<a href="#">dispVal</a>	
	<a href="#">ImgIdx</a>	

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## Public Methods

	Name	Description
	<a href="#">ToString</a>	Returns a string that represents the current object.

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## See Also

### Reference

[ValueItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ValueItem Constructor*

## Overload List

Overload	Description
<a href="#">ValueItem Constructor()</a>	Initializes a new instance of the ValueItem class.
<a href="#">ValueItem Constructor(String, Object)</a>	Initializes a new instance of the ValueItem class.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

*ValueItem Constructor()*

Initializes a new instance of the ValueItem class.

## Syntax

Visual Basic (Declaration)

```
Public Function New()
```

C#

```
public ValueItem()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

[Overload List](#)

*ValueItem Constructor(String, Object)*

Underlying data value.

Translated value.

Initializes a new instance of the ValueItem class.

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal value As System.String, _
    ByVal displayValue As System.Object _
)
```

C#

```
public ValueItem(
    System.string value,
    System.object displayValue
)
```

## Parameters

*value*

Underlying data value.

*displayValue*

Translated value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

[Overload List](#)

### Methods

For a list of all members of this type, see [ValueItem members](#).

## Public Methods

	Name	Description

	<a href="#">ToString</a>	Returns a string that represents the current object.
---	--------------------------	--

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## See Also

### Reference

[ValueItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*ToString Method*

Returns a string that represents the current object.

## Syntax

Visual Basic (Declaration)	
	<pre>Public Overrides Function ToString() As System.String</pre>
C#	
	<pre>public override System.string ToString()</pre>

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

*Properties*

For a list of all members of this type, see [ValueItem members](#).

## Public Properties

	Name	Description
--	------	-------------

	<a href="#">DisplayValue</a>	Gets or sets the display value of this item.
	<a href="#">Value</a>	Gets or sets the raw (untranslated) value of this item.

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## Protected Properties

	Name	Description
	<a href="#">dispVal</a>	
	<a href="#">ImgIdx</a>	

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## See Also

### Reference

[ValueItem Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*DisplayValue Property*

Gets or sets the display value of this item.

## Syntax

Visual Basic (Declaration)	
	<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)&gt; &lt;C1DescriptionAttribute("Sets or retrieves the formatted (display) value of this item.")&gt; &lt;System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.BitmapTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")&gt; &lt;System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",</pre>

```

EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
Public Property DisplayValue As System.Object

C#
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[C1DescriptionAttribute("Sets or retrieves the formatted (display) value of this
item.")]
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.BitmapTypeCon
verter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Drawing.Design.ImageEditor, System.Drawing.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
public System.Object DisplayValue {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

*dispVal Property*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ ationVisibility.Visible)>	
--	--

<System.ComponentModel.DefaultValueAttribute()>	
---	--

<System.Xml.Serialization.XmlAttributeAttribute()>	
<b>Protected Property</b> dispVal As System.String	
C#	
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)]	
[System.ComponentModel.DefaultValueAttribute()]	
[System.Xml.Serialization.XmlAttributeAttribute()]	
<b>protected</b> System.string dispVal { <b>get</b> ; <b>set</b> ;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

*ImgIdx Property*

## Syntax

Visual Basic (Declaration)	
<System.Xml.Serialization.XmlAttributeAttribute()>	
<System.ComponentModel.DefaultValueAttribute()>	
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)>	
<b>Protected Property</b> ImgIdx As System.Integer	
C#	
[System.Xml.Serialization.XmlAttributeAttribute()]	
[System.ComponentModel.DefaultValueAttribute()]	
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Visible)]	
<b>protected</b> System.int ImgIdx { <b>get</b> ; <b>set</b> ;}	

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

*Value Property*

Gets or sets the raw (untranslated) value of this item.

## Syntax

Visual Basic (Declaration)	
<System.Xml.Serialization.XmlAttributeAttribute()> <C1DescriptionAttribute("Sets or retrieves the raw (untranslated) value of this item.")> Public Property Value As System.String	
C#	
[System.Xml.Serialization.XmlAttributeAttribute()] [C1DescriptionAttribute("Sets or retrieves the raw (untranslated) value of this item.")] public System.string Value {get; set;}	

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItem Class](#)

[ValueItem Members](#)

[ValueItemCollection](#)

Represents a collection of [ValueItem](#) objects.

## Object Model

ValueItemCollection

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueListUITypeEditor,
C1.Win.C1TrueDBGrid.4.Design")>
Public Class ValueItemCollection
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueListUITypeEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class ValueItemCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.ValueItemCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents a collection of [ValueItem](#) objects.

## Object Model

ValueItemCollection

## Syntax

### Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueListUITypeEditor,
    C1.Win.C1TrueDBGrid.4.Design")>
Public Class ValueItemCollection
    Inherits System.Collections.CollectionBase
```

### C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design.
    UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
    PublicKeyToken=b03f5f7f11d50a3a",
    EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueListUITypeEditor,
    C1.Win.C1TrueDBGrid.4.Design")]
public class ValueItemCollection : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.ValueItemCollection**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [ValueItemCollection](#).

## Public Constructors

	Name	Description
	<a href="#">ValueItemCollection Constructor</a>	Initializes a new instance of the <a href="#">ValueItemCollection</a> class.

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## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Gets or sets the specified <a href="#">ValueItem</a> from the collection at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Add</a>	Adds a <a href="#">ValueItem</a> to the end of the collection.
	<a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">IndexOf</a>	Gets the index of the specified <a href="#">ValueItem</a> .
	<a href="#">Insert</a>	Inserts a <a href="#">ValueItem</a> at the specified index.
	<a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
	<a href="#">OnClear</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">OnInsert</a>	Overridden.

 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemove</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[ValueItemCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*ValueItemCollection Constructor*

Initializes a new instance of the [ValueItemCollection](#) class.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public ValueItemCollection()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[ValueItemCollection Class](#)

[ValueItemCollection Members](#)

### Methods

>

Name	Description
=  <a href="#">Add</a>	Adds a <a href="#">ValueItem</a> to the end of the collection.
=  <a href="#">Clear</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">GetEnumerator</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">IndexOf</a>	Gets the index of the specified <a href="#">ValueItem</a> .
=  <a href="#">Insert</a>	Inserts a <a href="#">ValueItem</a> at the specified index.
=  <a href="#">RemoveAt</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )

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## Protected Methods

Name	Description
=  <a href="#">OnClear</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnClearComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnInsert</a>	Overridden.
=  <a href="#">OnInsertComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnRemove</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnRemoveComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnSet</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnSetComplete</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )
=  <a href="#">OnValidate</a>	(Inherited from <a href="#">System.Collections.CollectionBase</a> )

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## See Also

### Reference

[ValueItemCollection Class](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### Add Method

The ValueItem to add.

Adds a [ValueItem](#) to the end of the collection.

## Syntax

Visual Basic (Declaration)

```
Public Function Add( _
    ByVal vi As ValueItem _ 
) As System.Integer
```

C#

```
public System.int Add(
    ValueItem vi
)
```

### Parameters

*vi*

The ValueItem to add.

### Return Value

The index at which the ValueItem has been added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[ValueItemCollection Class](#)  
[ValueItemCollection Members](#)

### *IndexOf Method*

The ValueItem to search.

Gets the index of the specified [ValueItem](#).

## Syntax

Visual Basic (Declaration)

```
Public Function IndexOf( _
    ByVal vi As ValueItem _ 
) As System.Integer
```

C#

```
public System.int IndexOf(
    ValueItem vi
)
```

### Parameters

*vi*

The ValueItem to search.

### Return Value

The index of the ValueItem.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Class](#)  
[ValueItemCollection Members](#)

### *Insert Method*

The zero-based index at which the ValueItem should be inserted.

The ValueItem to insert.

Inserts a [ValueItem](#) at the specified index.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub Insert( _     ByVal index As System.Integer, _     ByVal vi As ValueItem _ )</pre>	
C#	
<pre>public void Insert(     System.int index,     ValueItem vi )</pre>	

### Parameters

*index*

The zero-based index at which the ValueItem should be inserted.

*vi*

The ValueItem to insert.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Class](#)

[ValueItemCollection Members](#)

*OnInsert Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnInsert( _
    ByVal index As System.Integer, _
    ByVal value As System.Object _
)
```

C#

```
protected override void OnInsert(
    System.int index,
    System.object value
)
```

### Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Class](#)

[ValueItemCollection Members](#)

### Properties

For a list of all members of this type, see [ValueItemCollection members](#).

## Public Properties

	Name	Description

 Capacity	(Inherited from System.Collections.CollectionBase)
 Count	(Inherited from System.Collections.CollectionBase)
 Item	Gets or sets the specified <a href="#">ValueItem</a> from the collection at the specified index.

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## Protected Properties

	Name	Description
 InnerList	(Inherited from System.Collections.CollectionBase)	
 List	(Inherited from System.Collections.CollectionBase)	

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## See Also

### Reference

[ValueItemCollection Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *Item Property*

Gets or sets the specified [ValueItem](#) from the collection at the specified index.

## Syntax

Visual Basic (Declaration)	
<pre>Public Default Property Item( _     ByVal index As System.Integer _ ) As ValueItem</pre>	
C#	
<pre>public ValueItem this[     System.int index</pre>	

```
]; {get; set;}
```

## Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItemCollection Class](#)

[ValueItemCollection Members](#)

[ValueItems](#)

Represents an object that defines how cells are rendered.

## Object Model

ValueItems

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueItemUITypeEditor,  
C1.Win.C1TrueDBGrid.4.Design")>  
Public Class ValueItems
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
```

```
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueItemUITypeEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class ValueItems
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.ValueItems**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

Represents an object that defines how cells are rendered.

## Object Model

ValueItems

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
```

```

.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueItemUITypeEditor,
C1.Win.C1TrueDBGrid.4.Design">
Public Class ValueItems

C#
```

```

[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="C1.Win.C1TrueDBGrid.Design.UIEditors.C1ValueItemUITypeEditor,
C1.Win.C1TrueDBGrid.4.Design")]
public class ValueItems
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.ValueItems**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [ValueItems](#).

## Public Properties

	Name	Description
	<a href="#">AnnotatePicture</a>	Gets or sets a value indicating whether both Value and Display Value are rendered when Display value is an image.
	<a href="#">CycleOnClick</a>	Gets or sets a value indicating whether users can cycle through <a href="#">ValueItem</a> by clicking on a cell.
	<a href="#">DefaultItem</a>	Gets or sets the index of the default <a href="#">ValueItem</a> or -1 for no default.
	<a href="#">MaxComboItems</a>	Gets or sets the maximum number of visible rows in the combobox.
	<a href="#">Presentation</a>	Gets or sets the method in which cells are rendered.
	<a href="#">Translate</a>	Gets or sets a value indicating whether data values are translated using matching <a href="#">ValueItem</a> .
	<a href="#">Validate</a>	Gets or sets a value indicating whether values entered by the user must match on of the <a href="#">ValueItem</a> objects.
	<a href="#">Values</a>	Gets the collection of Value/Display Value pairs.

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## Protected Properties

	Name	Description
	<a href="#">internalValues</a>	

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## Public Methods

	Name	Description
	<a href="#">ToString</a>	Returns a <b>System.String</b> that represents the current <b>System.Object</b> .

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## See Also

### Reference

[ValueItems Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### Methods

For a list of all members of this type, see [ValueItems members](#).

## Public Methods

	Name	Description
=	<a href="#">ToString</a>	Returns a <b>System.String</b> that represents the current <b>System.Object</b> .

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## See Also

### Reference

[ValueItems Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### ToString Method

Returns a **System.String** that represents the current **System.Object**.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	
<pre>public override System.string ToString()</pre>	

### Return Value

A **System.String** that represents the current **System.Object**.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

### Properties

For a list of all members of this type, see [ValueItems members](#).

## Public Properties

	Name	Description
	<a href="#">AnnotatePicture</a>	Gets or sets a value indicating whether both Value and Display Value are rendered when Display value is an image.
	<a href="#">CycleOnClick</a>	Gets or sets a value indicating whether users can cycle through <a href="#">ValueItem</a> by clicking on a cell.
	<a href="#">DefaultItem</a>	Gets or sets the index of the default <a href="#">ValueItem</a> or -1 for no default.
	<a href="#">MaxComboItems</a>	Gets or sets the maximum number of visible rows in the combobox.
	<a href="#">Presentation</a>	Gets or sets the method in which cells are rendered.
	<a href="#">Translate</a>	Gets or sets a value indicating whether data values are translated using matching <a href="#">ValueItem</a> .
	<a href="#">Validate</a>	Gets or sets a value indicating whether values entered by the user must match on of the <a href="#">ValueItem</a> objects.
	<a href="#">Values</a>	Gets the collection of Value/Display Value pairs.

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## Protected Properties

	Name	Description
	<a href="#">internalValues</a>	

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## See Also

### Reference

[ValueItems Class](#)

[C1.Win.C1TrueDBGrid Namespace](#)

#### *AnnotatePicture Property*

Gets or sets a value indicating whether both Value and Display Value are rendered when Display value is an image.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("True to display both value and display value.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property AnnotatePicture As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("True to display both value and display value.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.bool AnnotatePicture {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[ValueItems Class](#)

[ValueItems Members](#)

### *CycleOnClick Property*

Gets or sets a value indicating whether users can cycle through [ValueItem](#) by clicking on a cell.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves whether user can cycle through values  
by clicking on a cell in the column.")>  
<System.Xml.Serialization.XmlAttributeAttribute()>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property CycleOnClick As System.Boolean
```

C#

```
[C1DescriptionAttribute("Sets or retrieves whether user can cycle through values  
by clicking on a cell in the column.")]  
[System.Xml.Serialization.XmlAttributeAttribute()]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.bool CycleOnClick {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

### *DefaultItem Property*

Gets or sets the index of the default [ValueItem](#) or -1 for no default.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the index of default ValueItem or -1  
if no default.")>  
<System.Xml.Serialization.XmlAttributeAttribute()>  
<System.ComponentModel.DefaultValueAttribute()>  
Public Property DefaultItem As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the index of default ValueItem or -1  
if no default.")]  
[System.Xml.Serialization.XmlAttributeAttribute()]  
[System.ComponentModel.DefaultValueAttribute()]  
public System.int DefaultItem {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

*internalValues Property*

## Syntax

Visual Basic (Declaration)

```
<TypeSerializationAttribute(TypeSerialization.FullName)>  
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ  
ationVisibility.Content)>  
<CollectionElementTypeAttribute(C1.Win.C1TrueDBGrid.ValueItem)>  
Protected Property internalValues As ValueItemCollection
```

C#

```
[TypeSerializationAttribute(TypeSerialization.FullName)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)]
[CollectionElementTypeAttribute(C1.Win.C1TrueDBGrid.ValueItem)]
protected ValueItemCollection internalValues {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

#### *MaxComboItems Property*

Gets or sets the maximum number of visible rows in the combobox.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Sets or retrieves the maximum number of visible rows
displayed in a dropdown combobox.")>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property MaxComboItems As System.Integer
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Sets or retrieves the maximum number of visible rows
displayed in a dropdown combobox.")]
[System.Xml.Serialization.XmlAttributeAttribute()]
public System.int MaxComboItems {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

*Presentation Property*

Gets or sets the method in which cells are rendered.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves how ValueItems are displayed.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
Public Property Presentation As PresentationEnum
```

C#

```
[C1DescriptionAttribute("Sets or retrieves how ValueItems are displayed.")]
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
public PresentationEnum Presentation {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

### *Translate Property*

Gets or sets a value indicating whether data values are translated using matching [ValueItem](#).

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves whether or not data values in the
column are translated using ValueItems.")>
Public Property Translate As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether or not data values in the
column are translated using ValueItems.")]
public System.bool Translate {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

### *Validate Property*

Gets or sets a value indicating whether values entered by the user must match one of the [ValueItem](#) objects.

## Syntax

### Visual Basic (Declaration)

```

<System.ComponentModel.DefaultValueAttribute()>
<System.Xml.Serialization.XmlAttributeAttribute()>
<C1DescriptionAttribute("Sets or retrieves whether input values are validated
using the ValueItemCollection.")>
Public Property Validate As System.Boolean

C#

```

```

[System.ComponentModel.DefaultValueAttribute()]
[System.Xml.Serialization.XmlAttributeAttribute()]
[C1DescriptionAttribute("Sets or retrieves whether input values are validated
using the ValueItemCollection.")]
public System.bool Validate {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

*Values Property*

Gets the collection of Value/Display Value pairs.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```

<C1DescriptionAttribute("Returns a collection of Value/DisplayValue pairs.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
Public Property Values As ValueItemCollection

```

C#	
----	--

```
[C1DescriptionAttribute("Returns a collection of Value/DisplayValue pairs.")]
```

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public ValueItemCollection Values {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ValueItems Class](#)

[ValueItems Members](#)

### Enumerations

[AddNewModeEnum](#)

Provides a description of the current addnew state with respect to the current cell.

## Syntax

Visual Basic (Declaration)

```
Public Enum AddNewModeEnum
    Inherits System.Enum
```

C#

```
public enum AddNewModeEnum : System.Enum
```

## Members

Member	Description
<b>AddNewCurrent</b>	The current cell is on the addnew row.
<b>AddNewPending</b>	There is an Add New operation pending.
<b>NoAddNew</b>	The current cell is not on the addnew row.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.AddNewModeEnum
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[AggregateEnum](#)

Specifies the type of aggregate that is computed for a grouped row.

## Syntax

Visual Basic (Declaration)

```
Public Enum AggregateEnum
  Inherits System.Enum
```

C#

```
public enum AggregateEnum : System.Enum
```

## Members

Member	Description
<b>Average</b>	Average of the numerical values.
<b>Count</b>	Count of non-empty values.

<b>Custom</b>	Causes the GroupAggregate event to be raised.
<b>Max</b>	Maximum value (numerical, string, or date).
<b>Min</b>	Minimum value (numerical, string, or date).
<b>None</b>	No aggregate is calculated or displayed.
<b>Std</b>	Standard deviation (using formula for Sample, n-1).
<b>StdPop</b>	Standard deviation (using formula for Population, n).
<b>Sum</b>	Sum of numerical values.
<b>Var</b>	Variance (using formula for Sample, n-1).
<b>VarPop</b>	Variance (using formula for Population, n).

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.AggregateEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[AlignHorzEnum](#)

Specifies the horizontal alignment of text or images in a cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum AlignHorzEnum     Inherits System.Enum</pre>	
C#	
<pre>public enum AlignHorzEnum : System.Enum</pre>	

## Members

Member	Description
<b>Center</b>	Text is aligned centered.
<b>Far</b>	Text is aligned to the right.
<b>General</b>	Text is aligned Near and numeric values Far
<b>Justify</b>	Text is aligned with respect to the cells boundries.
<b>Near</b>	Text is aligned to the left.

## Inheritance Hierarchy

System.Object  
  System.ValueType  
    System.Enum  
      **C1.Win.C1TrueDBGrid.AlignHorzEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1.Win.C1TrueDBGrid Namespace

### AlignVertEnum

Specifies the vertical alignment of text or images in a cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum AlignVertEnum</pre>	
<pre>    Inherits System.Enum</pre>	
C#	
<pre>public enum AlignVertEnum : System.Enum</pre>	

## Members

Member	Description
<b>Bottom</b>	Text is rendered at the bottom of the cell.
<b>Center</b>	Text is rendered at the center of the cell.
<b>Top</b>	Text is rendered at the top of the cell.

## Inheritance Hierarchy

System.Object

    System.ValueType

        System.Enum

**C1.Win.C1TrueDBGrid.AlignVertEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1.Win.C1TrueDBGrid Namespace

### AllowFiltering

Specifies the type of filter to be used for a **Column**.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum AllowFiltering</pre>	
<pre>    Inherits System.Enum</pre>	
C#	
<pre>public enum AllowFiltering : System.Enum</pre>	

## Members

Member	Description
<b>ByCondition</b>	Filter column by conditions using a <b>ConditionFilter</b> .
<b>ByValue</b>	Filter column by values using a <b>ValueFilter</b> .
<b>Custom</b>	Filter column using a filter specified by the caller.
<b>Default</b>	Filter column using a <b>ColumnFilter</b> .
<b>None</b>	Do not provide a filter for this column.

## Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

**C1.Win.C1TrueDBGrid.AllowFiltering**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[BackgroundPictureDrawModeEnum](#)

Specifies how the background image is rendered.

## Syntax

Visual Basic (Declaration)

```
Public Enum BackgroundPictureDrawModeEnum  
    Inherits System.Enum
```

C#

```
public enum BackgroundPictureDrawModeEnum : System.Enum
```

## Members

Member	Description
<b>Center</b>	The image is rendered in the center of the cell.
<b>Stretch</b>	The image is stretched to fit within the cell.
<b>Tile</b>	The image is tiled in the cell.

## Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

**C1.Win.C1TrueDBGrid.BackgroundPictureDrawModeEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

**BorderTypeEnum**

Specifies the borders for a [Style](#).

## Syntax

Visual Basic (Declaration)

```
Public Enum BorderTypeEnum  
    Inherits System.Enum
```

C#

```
public enum BorderTypeEnum : System.Enum
```

## Members

Member	Description
<b>Fillet</b>	A fillet type border.
<b>Flat</b>	Borders have a Flat appearance.
<b>Groove</b>	A line around the inside of the border.
<b>Inset</b>	Borders have a 3D inset appearance.
<b>InsetBevel</b>	Borders have a 3D inset with a bevel.
<b>None</b>	No borders.

<b>Raised</b>	Borders have a 3D raised appearance.
<b>RaisedBevel</b>	Borders have a 3D raised with a bevel.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.BorderTypeEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[C1DisplayColumn.ColumnChangedEnum](#)

Enumerates the type of changes made to a display column for event listeners

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum C1DisplayColumn.ColumnChangedEnum   Inherits System.Enum</pre>	
C#	
<pre>public enum C1DisplayColumn.ColumnChangedEnum : System.Enum</pre>	

## Members

Member	Description

All	
<b>Appearance</b>	
<b>CaptionDivider</b>	
<b>CaptionStyle</b>	
<b>CellCondition</b>	
<b>ColumnDivider</b>	
<b>ColumnStyle</b>	
<b>FetchStyle</b>	
<b>FooterDivider</b>	
<b>FooterStyle</b>	
<b>Frozen</b>	
<b>Merge</b>	
<b>OwnerDraw</b>	

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.C1DisplayColumn.ColumnChangedEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

#### CellStyleFlag

Describes the disposition of a cell.

This enumeration has a FlagsAttribute attribute that allows a bitwise combination of its member values.

## Syntax

Visual Basic (Declaration)	
<System.FlagsAttribute()>	
<b>Public Enum</b> CellStyleFlag	
<b>Inherits</b> System.Enum	
C#	
[System.FlagsAttribute()]	
<b>public enum</b> CellStyleFlag : System.Enum	

## Members

Member	Description
<b>AllCells</b>	All cells.
<b>CurrentCell</b>	The cell is the that currently has focus. At any given time, only one cell can have this status. When the MarqueeStyle property is set to Floating Editor, this condition is ignored.
<b>MarqueeRow</b>	The cell is part of a highlighted row marquee. When the MarqueeStyle property indicates that the entire current row is to be highlighted, all visible cells in the current row have this additional condition set.
<b>NormalCell</b>	The cell satisfies none of the conditions. For grouped rows, this is the only

	applicable cell style.
<b>SelectedRow</b>	The cell is part of a row selected by the user or in code. The SelectedRowCollection contains the index for each selected row.
<b>UpdatedCell</b>	The cell contents have been modified by the user but not yet written to the datasource. This condition is also set when cell contents have been modified in code with the Text or Value properties.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.CellStyleFlag

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

#### CellTipEnum

Specifies the behavior of the pop-up window when the cursor is idle over the grid.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum CellTipEnum   Inherits System.Enum</pre>	
C#	
<pre>public enum CellTipEnum : System.Enum</pre>	

## Members

Member	Description
<b>Anchored</b>	Cell tips will be displayed in the bounding rectable of the cell.
<b>Floating</b>	Cell tips will be displayed under the mouse cursor.
<b>NoCellTips</b>	No cell tips will be displayed.

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.CellTipEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[ColumnMergeEnum](#)

Specifies how columns are merged.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.ColumnMergeTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")> Public Enum ColumnMergeEnum Inherits System.Enum	

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.ColumnMergeTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")]
public enum ColumnMergeEnum : System.Enum
```

## Members

Member	Description
<b>Free</b>	
<b>None</b>	
<b>Restricted</b>	

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.ColumnMergeEnum
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[ConditionOperator](#)

Represents operators used in filter conditions.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Enum ConditionOperator  
    Inherits System.Enum
```

C#	
----	--

```
public enum ConditionOperator : System.Enum
```

## Members

Member	Description
<b>BeginsWith</b>	Return true if the string representation of the value begins with the operator parameter.
<b>Contains</b>	Return true if the string representation of the value contains the operator parameter.
<b>DoesNotContain</b>	Return true if the string representation of the value does not contain the operator parameter.
<b>EndsWith</b>	Return true if the string representation of the value ends with the operator parameter.
<b>Equals</b>	Return true if the value equals the operator parameter.
<b>GreaterThan</b>	Return true if the value is greater than the operator parameter.
<b>GreaterThanOrEqualTo</b>	Return true if the value is greater than or equal to the operator parameter.
<b>LessThan</b>	Return true if the value is less than the operator parameter.
<b>LessThanOrEqualTo</b>	Return true if the value is less than or equal to the operator parameter.
<b>None</b>	Disables the operator.

<b>NotEquals</b>	Return true if the value does not equal the operator parameter.
------------------	---

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.ConditionOperator

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[DataViewEnum](#)

Specifies how the grid displays its data.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum DataViewEnum</pre>	
<pre>  Inherits System.Enum</pre>	
C#	
<pre>public enum DataViewEnum : System.Enum</pre>	

## Members

Member	Description
<b>Form</b>	The data will be displayed in a convenient data entry form.

<b>GroupBy</b>	A grouping area is created at the top of the grid; any columns that are placed into this area become part of the GroupedColumn collection. When in group mode, grid columns can be moved into or out of the grouping area with the Add and RemoveAt methods, respectively. Users can also perform this action by selecting and dragging a column into or out of the grouping. Users can customize the display of the grouped row with styles and automatically compute aggregates for columns that are grouped. The expanded/collapsed state of the grouping can also be specified.
<b>Hierarchical</b>	The grid will display DataSets in a hierarchical format. At run time, users can expand and collapse hierarchical recordset Bands using a treeview-like interface.
<b>Inverted</b>	Rows will be represented horizontally and columns vertically.
<b>MultipleLines</b>	The grid will display all the fields in the current grid area with multiple lines.
<b>MultipleLinesFixed</b>	The grid will display all the fields in the current grid area with multiple lines. The number of subrows does not change once set. The number of subrows can be set using the LinesPerRow property.
<b>Normal</b>	The grid will only display flat files and will not support a hierarchical view. If the data source is a hierarchical dataset, the grid will only display data from the master table.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.DataViewEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

DirectionAfterEnterEnum

Specifies which cell gets focus when the enter key is pressed.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum DirectionAfterEnterEnum     Inherits System.Enum</pre>	
C#	
<pre>public enum DirectionAfterEnterEnum : System.Enum</pre>	

## Members

Member	Description
<b>MoveDown</b>	The next cell will be the cell below the current cell.
<b>MoveLeft</b>	The next cell will be the cell to the left of the current cell.
<b>MoveNone</b>	Cell currency doesn't change.
<b>MoveRight</b>	The next cell will be the cell to the right of the current cell.
<b>MoveUp</b>	The next cell will be the cell above the current cell.

## Inheritance Hierarchy

System.Object

  System.ValueType

    System.Enum

**C1.Win.C1TrueDBGrid.DirectionAfterEnterEnum**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

**DropdownWidthEnum**

Specifies the width of a C1TrueDBDropdown for a cell.

## Syntax

Visual Basic (Declaration)

```
Public Enum DropdownWidthEnum  
    Inherits System.Enum
```

C#

```
public enum DropdownWidthEnum : System.Enum
```

## Members

Member	Description
<b>Column</b>	The width of the dropdown is the column width.
<b>Default</b>	The width of the dropdown is the control width.

## Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

**C1.Win.C1TrueDBGrid.DropdownWidthEnum**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

**ExposeCellModeEnum**

Specifies how the grid exposes the rightmost column when it gets focus.

## Syntax

Visual Basic (Declaration)

```
Public Enum ExposeCellModeEnum  
    Inherits System.Enum
```

C#

```
public enum ExposeCellModeEnum : System.Enum
```

## Members

Member	Description
<b>ScrollNever</b>	The grid will always leave the rightmost column clipped.
<b>ScrollOnEdit</b>	The grid will not move when the rightmost column is clicked initially. However, if the user attempts to edit the cell, then the grid will scroll to the left to display the rightmost column in its entirety.
<b>ScrollOnSelect</b>	The grid will scroll to the left to display the rightmost column in its entirety.

## Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

**C1.Win.C1TrueDBGrid.ExposeCellModeEnum**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

**FlatModeEnum**

Specifies how 3D elements are rendered.

## Syntax

Visual Basic (Declaration)

```
Public Enum FlatModeEnum  
    Inherits System.Enum
```

C#

```
public enum FlatModeEnum : System.Enum
```

## Members

Member	Description
<b>Flat</b>	Three-dimensional elements appear flat
<b>Popup</b>	Three-dimensional elements are flat, but when the user drags the cursor over a column heading or recordselector, they become three-dimensional and appear to pop up.
<b>Standard</b>	The grid's column headers and recordselectors are rendered with an inset three-dimensional look
<b>System</b>	Three-dimensional elements uses XP Themes if available.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.FlatModeEnum
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[ForeGroundPicturePositionEnum](#)

Specifies the location of the foreground image in a cell.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum ForeGroundPicturePositionEnum   Inherits System.Enum</pre>	
C#	
<pre>public enum ForeGroundPicturePositionEnum : System.Enum</pre>	

## Members

Member	Description
<b>BottomOfText</b>	Image is rendered below any text in the cell.
<b>Far</b>	Image is rendered in the far side of the cell.

<b>LeftOfText</b>	Image is rendered to the left of any text in the cell.
<b>Near</b>	Image is rendered in the near side of the cell.
<b>PictureOnly</b>	Text is not displayed.
<b>RightOfText</b>	Image is rendered to the right of any text in the cell.
<b>TextOnly</b>	Image is not displayed.
<b>TopOfText</b>	Image is rendered on top of any text in the cell.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.ForeGroundPicturePositionEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[GradientModeEnum](#)

Specifies the type of gradient.

## Syntax

Visual Basic (Declaration)	
<b>Public Enum GradientModeEnum</b>	
<b>Inherits System.Enum</b>	

C#

```
public enum GradientModeEnum : System.Enum
```

## Members

Member	Description
<b>BackwardDiagonal</b>	
<b>ForwardDiagonal</b>	
<b>Horizontal</b>	
<b>None</b>	
<b>Vertical</b>	

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.GradientModeEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[GridRenderer.CellType](#)

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Enum GridRenderer.CellType  
    Inherits System.Enum
```

C#	
----	--

```
public enum GridRenderer.CellType : System.Enum
```

## Members

Member	Description
<b>BottomLeft</b>	
<b>Caption</b>	
<b>ColumnFooter</b>	
<b>ColumnFooterHot</b>	
<b>ColumnFooterSelected</b>	
<b>ColumnHeader</b>	
<b>ColumnHeaderHot</b>	
<b>ColumnHeaderSelected</b>	
<b>Highlight</b>	
<b>Normal</b>	
<b>RecordSelector</b>	
<b>RecordSelectorHot</b>	

<b>RecordSelectorSelected</b>	
<b>TopLeft</b>	

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.GridRenderer.CellType

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[GroupIntervalEnum](#)

Specifies how rows are grouped.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum GroupIntervalEnum   Inherits System.Enum</pre>	
C#	
<pre>public enum GroupIntervalEnum : System.Enum</pre>	

## Members

Member	Description

<b>Alphabetical</b>	Rows are grouped by the first character of their values.
<b>Custom</b>	Rows are grouped by raising the <a href="#">C1TrueDBGrid.GroupInterval</a> event.
<b>Date</b>	Rows are grouped by the date portion of their values.
<b>DateSpan</b>	Rows are grouped according to their date values.
<b>Default</b>	Rows are grouped by their values.
<b>Month</b>	Rows are grouped by the month portion of their values.
<b>Year</b>	Rows are grouped by the year portion of their values.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.GroupIntervalEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[GroupPositionEnum](#)

Specifies how the grouped column should be displayed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Enum GroupPositionEnum
```

```
    Inherits System.Enum
```

C#

```
public enum GroupPositionEnum : System.Enum
```

## Members

Member	Description
<b>Header</b>	Grouped columns contain just a header row (default).
<b>HeaderAndFooter</b>	Grouped columns contain a header and footer row.

## Inheritance Hierarchy

System.Object

    System.ValueType

        System.Enum

**C1.Win.C1TrueDBGrid.GroupPositionEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[LineStyleEnum](#)

Specifies the line style for row and column dividers.

## Syntax

Visual Basic (Declaration)

```
Public Enum LineStyleEnum
```

<b>Inherits</b> System.Enum	
C#	
<code>public enum LineStyleEnum : System.Enum</code>	

## Members

Member	Description
<b>Double</b>	Double line.
<b>Inset</b>	Line with 3D inset appearance.
<b>None</b>	No line.
<b>Raised</b>	Line with 3D raised appearance.
<b>Single</b>	Single line.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.LineStyleEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[MarqueeEnum](#)

Specifies how the current cell is highlighted.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum MarqueeEnum     Inherits System.Enum</pre>	
C#	
<pre>public enum MarqueeEnum : System.Enum</pre>	

## Members

Member	Description
<b>DottedCellBorder</b>	The current cell within the current row will be highlighted by drawing a dotted border around the cell. In Microsoft Windows terminology, this is usually called a focus rectangle.
<b>DottedRowBorder</b>	The entire current row will be highlighted by drawing a dotted border around it. This effect is similar to setting 0.
<b>FloatingEditor</b>	The current cell will be highlighted by a floating text editor window with a blinking caret (as in Microsoft Access).
<b>HighlightCell</b>	The entire current cell will be drawn using the attributes of the HighlightRowStyle property. This provides a very distinctive block-style highlight for the current cell.
<b>HighlightRow</b>	The entire row containing the current cell will be drawn using the attributes of the HighlightRowStyle property. In this mode, it is not possible to visually determine which cell is the current cell, only the current row. When the grid or split is not editable, this setting is often preferred, since cell position is then irrelevant.
<b>HighlightRowRaiseCell</b>	The entire row will be highlighted as in setting 3, but the current cell within the row will be "raised" so that it appears distinctive. This setting

	does not appear clearly with all background color and divider settings. The best effect is achieved by using 3D dividers and a light gray background.
<b>NoMarquee</b>	The marquee will not be shown. This setting is useful for cases where the current row is irrelevant, or when not wanting to draw the user's attention to the grid until necessary.
<b>SolidCellBorder</b>	The current cell within the current row will be highlighted by drawing a solid box around the current cell. This is more visible than the dotted cell border, especially when 3D divider properties are used for the grid.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.MarqueeEnum
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[MultiSelectEnum](#)

Specifies the UI behavior for selecting rows and columns.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum MultiSelectEnum   Inherits System.Enum</pre>	

C#

```
public enum MultiSelectEnum : System.Enum
```

## Members

Member	Description
<b>Extended</b>	Multiple selection is enabled using the mouse. The user can also select records with the following key combinations: Shift + Up Arrow, Shift + Down Arrow, Shift + PgUp, and Shift + PgDn. NOTE: The user will not be able to select a single cell, instead the entire corresponding row will be selected.
<b>None</b>	Multiple selection is disabled but single selection is permitted. When the user clicks a record selector, the current selection is cleared, and the clicked row is then selected and added to either the SelectedRows or SelectedCols collections. The Ctrl and Shift keys are ignored, and the user can only select one row at a time.
<b>Simple</b>	Multiple selection is enabled using the mouse. When the user clicks a record selector, the selection is cleared and the clicked row is selected and added to either the SelectedRows or Selected Cols collections. However, if the user holds down the Ctrl key while clicking, the clicked row is added to the current selection. The user can also select a range of rows by selecting the first row in the range, then selecting the last row in the range while holding down the Shift key.

## Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

**C1.Win.C1TrueDBGrid.MultiSelectEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

#### OutlineModeEnum

Specifies the initial expanded or collapsed state of a grouped row.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum OutlineModeEnum</pre>	
<pre>    Inherits System.Enum</pre>	
C#	
<pre>public enum OutlineModeEnum : System.Enum</pre>	

## Members

Member	Description
<b>StartCollapsed</b>	Grouped rows initial display is collapsed (default).
<b>StartExpanded</b>	Grouped rows initial display is expanded.

## Inheritance Hierarchy

System.Object

  System.ValueType

    System.Enum

**C1.Win.C1TrueDBGrid.OverlayModeEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

#### PointAtEnum

Specifies the type of ui-element for a coordinate.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum PointAtEnum     Inherits System.Enum</pre>	
C#	
<pre>public enum PointAtEnum : System.Enum</pre>	

## Members

Member	Description
<b>AtAddNewRow</b>	Coordinates are in the addnew row.
<b>AtCaption</b>	Coordinates are in the caption area
<b>AtColumnFooter</b>	Coordinates are in the column footers.
<b>AtColumnHeader</b>	Coordinates are in the column headers.
<b>AtColumnSize</b>	Coordinates are in the column resizing box.
<b>AtDataArea</b>	Coordinates are in the data area.

<b>AtEmptyColumn</b>	Coordinates are in the empty column area.
<b>AtEmptyRow</b>	Coordinates are in the empty row area.
<b>AtFilterBar</b>	Coordinates are in the filter bar.
<b>AtGroupArea</b>	Coordinates are in the grouping area.
<b>AtGroupHeader</b>	Coordinates are in the group header.
<b>AtRowSelect</b>	Coordinates are in the row selector.
<b>AtRowSize</b>	Coordinates are in the row resizing box.
<b>AtSplitHeader</b>	Coordinates are in the split's header
<b>AtSplitSizeBox</b>	Coordinates are in the split's resizing box
<b>NotInGrid</b>	Coordinates are not in the grid.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.PointAtEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

## PresentationEnum

Specifies how ValueItems are rendered.

## Syntax

### Visual Basic (Declaration)

```
Public Enum PresentationEnum  
    Inherits System.Enum
```

### C#

```
public enum PresentationEnum : System.Enum
```

## Members

Member	Description
<b>CheckBox</b>	Values are displayed as a checkbox.
<b>ComboBox</b>	Values are displayed as a dropdown combobox.
<b>Normal</b>	Values are displayed as text or graphics.
<b>RadioButton</b>	Values are displayed as a group of Radio Buttons.
<b>SortedComboBox</b>	Values are displayed as a dropdown combobox in sorted order.

## Inheritance Hierarchy

System.Object

    System.ValueType

        System.Enum

**C1.Win.C1TrueDBGrid.PresentationEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

`PrintInfo.ActionFlags`

Specify allowed print options.

## Syntax

Visual Basic (Declaration)

```
<System.FlagsAttribute()>
Public Enum PrintInfo.ActionFlags
    Inherits System.Enum
```

C#

```
[System.FlagsAttribute()]
public enum PrintInfo.ActionFlags : System.Enum
```

## Members

Member	Description
<b>Export</b>	Export is allowed.
<b>MaskAll</b>	All print/export operations are allowed.
<b>None</b>	No print/export operations are allowed.
<b>Preview</b>	Preview is allowed.
<b>Print</b>	Printing is allowed.

## Inheritance Hierarchy

`System.Object`

`System.ValueType`

System.Enum

### C1.Win.C1TrueDBGrid.PrintInfo.ActionFlags

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[PrintInfo.FillEmptyEnum](#)

Specifies how empty space left on a printed page is handled (filled or otherwise).

## Syntax

Visual Basic (Declaration)

```
Public Enum PrintInfo.FillEmptyEnum  
    Inherits System.Enum
```

C#

```
public enum PrintInfo.FillEmptyEnum : System.Enum
```

## Members

Member	Description
<b>ExtendAll</b>	All columns are extended proportionally to fill the page.
<b>ExtendLast</b>	Rightmost column on the page is extended to fill the empty space.
<b>None</b>	Empty space on the right of the page is left as is.

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.PrintInfo.FillEmptyEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[PrintInfo.GridLinesEnum](#)

Specifies how grid lines are rendered.

## Syntax

Visual Basic (Declaration)

```
Public Enum PrintInfo.GridLinesEnum  
    Inherits System.Enum
```

C#

```
public enum PrintInfo.GridLinesEnum : System.Enum
```

## Members

Member	Description
<b>Always</b>	Grid lines are rendered.
<b>None</b>	Grid lines are not rendered.

## Inheritance Hierarchy

System.Object  
System.ValueType

System.Enum

### C1.Win.C1TrueDBGrid.PrintInfo.GridLinesEnum

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[PrintInfo.PageBreaksEnum](#)

Specifies how grid is broken into extension (horizontal) pages when it is too wide to fit into one page.

## Syntax

Visual Basic (Declaration)

```
Public Enum PrintInfo.PageBreaksEnum  
    Inherits System.Enum
```

C#

```
public enum PrintInfo.PageBreaksEnum : System.Enum
```

## Members

Member	Description
<b>ClipInArea</b>	Columns that do not fit into one page are clipped.
<b>FitIntoArea</b>	All columns are made narrow enough to fit into one page.
<b>OnColumn</b>	Horizontal page breaks can be inserted on any column as necessary.
<b>OnSplit</b>	Horizontal page breaks can be inserted on grid splits as necessary.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.PrintInfo.PageBreaksEnum
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[PrintInfo.RowHeightEnum](#)

Specifies how rows' heights are determined.

## Syntax

Visual Basic (Declaration)

```
Public Enum PrintInfo.RowHeightEnum
  Inherits System.Enum
```

C#

```
public enum PrintInfo.RowHeightEnum : System.Enum
```

## Members

Member	Description
<b>LikeGrid</b>	Use the grid's row height.
<b>StretchToFit</b>	Stretch rows vertically to fit all data.

<b>StretchToMax</b>	Stretch rows vertically but not greater than <a href="#">PrintInfo.MaxRowHeight</a> .
---------------------	---

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.PrintInfo.RowHeightEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[PrintInfo.WrapTextEnum](#)

Specifies how cell text is wrapped.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum PrintInfo.WrapTextEnum</pre>	
<pre>  Inherits System.Enum</pre>	
C#	
<pre>public enum PrintInfo.WrapTextEnum : System.Enum</pre>	

## Members

Member	Description
<b>LikeColumn</b>	Use column's <a href="#">Style.WrapText</a> property.

NoWrap	Text in cells never wraps.
Wrap	Text can wrap in any cell as needed.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.PrintInfo.WrapTextEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[RelationState](#)

Defined the relationship of a column.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum RelationState   Inherits System.Enum</pre>	
C#	
<pre>public enum RelationState : System.Enum</pre>	

## Members

Member	Description

<b>Child</b>	Column is the child.
<b>None</b>	Column is not related.
<b>Parent</b>	Column is the parent.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.RelationState

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

RowSelectorEnum

Specifies which rows are to be previewed/printed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>Public Enum RowSelectorEnum   Inherits System.Enum</pre>	
---	--

C#	
----	--

<pre>public enum RowSelectorEnum : System.Enum</pre>	
--	--

## Members

Member	Description
<b>AllRows</b>	All rows are to be previewed/printed.
<b>CurrentRow</b>	Only the current row will be previewed/printed.
<b>SelectedRows</b>	Only selected rows will be previewed/printed.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.RowSelectorEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

RowSizingEnum

Specifies how rows can be resized.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum RowSizingEnum</pre>	
<pre>    Inherits System.Enum</pre>	

C#	
<pre>public enum RowSizingEnum : System.Enum</pre>	


## Members

Member	Description
<b>AllRows</b>	All rows will be sized to the same height or width.
<b>IndividualRows</b>	Rows can be sized independently.
<b>None</b>	Row can not be resized.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.RowSizingEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

RowTypeEnum

Identifies the type of row.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum RowTypeEnum</pre>	
<pre>    Inherits System.Enum</pre>	

C#	
<pre>public enum RowTypeEnum : System.Enum</pre>	


## Members

Member	Description
<b>ChildRow</b>	Row is a childrow.
<b>CollapsedGroupRow</b>	Row is a collapsed group row.
<b>DataRow</b>	Row is a datarow.
<b>ExpandedGroupRow</b>	Row is an expanded group row.
<b>FooterRow</b>	Row is a footerrow.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.RowTypeEnum

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[ScrollBarEnum](#)

Identifies the type of scrollbar.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum ScrollBarEnum   Inherits System.Enum</pre>	

C#

```
public enum ScrollBarEnum : System.Enum
```

## Members

Member	Description
<b>Horizontal</b>	The Horizontal scrollbar.
<b>Vertical</b>	The Vertical scrollbar.

## Inheritance Hierarchy

System.Object  
  System.ValueType  
    System.Enum  
      **C1.Win.C1TrueDBGrid.ScrollBarEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

[ScrollBarStyleEnum](#)

Specifies the visibility of ScrollBars.

## Syntax

Visual Basic (Declaration)

```
Public Enum ScrollBarStyleEnum  
    Inherits System.Enum
```

C#

```
public enum ScrollBarStyleEnum : System.Enum
```

## Members

Member	Description
<b>Always</b>	ScrollBars are always displayed.
<b>Automatic</b>	ScrollBars are displayed only if the object's contents extend beyond its borders.
<b>None</b>	ScrollBars are never displayed.

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.ScrollBarStyleEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

SizeModeEnum

Specifies the sizing mode for splits.

## Syntax

Visual Basic (Declaration)

```
Public Enum SizeModeEnum
```

<b>Inherits</b> System.Enum	
C#	
<pre>public enum SizeModeEnum : System.Enum</pre>	

## Members

Member	Description
<b>Exact</b>	The <a href="#">Split.SplitSize</a> indicates the size of the split in pixels.
<b>NumberOfColumns</b>	The <a href="#">Split.SplitSize</a> indicates the number of columns displayed in the split.
<b>Scalable</b>	The <a href="#">Split.SplitSize</a> indicates the relative size of the split with respect to other scalable splits.

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.SizeModeEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

SortDirEnum

Specifies the glyph used to denote a sort direction in the column header.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum SortDirEnum     Inherits System.Enum</pre>	
C#	
<pre>public enum SortDirEnum : System.Enum</pre>	

## Members

Member	Description
<b>Ascending</b>	Column is sorted in ascending order.
<b>Descending</b>	Column is sorted in descending order.
<b>None</b>	Column is not sorted.

## Inheritance Hierarchy

System.Object  
System.ValueType  
System.Enum  
**C1.Win.C1TrueDBGrid.SortDirEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

**TabActionEnum**

Specifies how focus is handled when the Tab key is entered.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Enum TabActionEnum  
    Inherits System.Enum
```

C#	
----	--

```
public enum TabActionEnum : System.Enum
```

## Members

Member	Description
<b>ColumnNavigation</b>	The tab key moves the current cell to the next or previous column. However, if this action would cause the current row to change, then the next or previous control on the form receives focus.
<b>ControlNavigation</b>	The tab key moves to the next or previous control on the form.
<b>GridNavigation</b>	The tab key moves the current cell to the next or previous column. The behavior of the tab key at row boundaries is determined by the <a href="#">C1TrueDBGrid.WrapCellPointer</a> property. When this setting is used, the tab key never results in movement to another control.

## Inheritance Hierarchy

System.Object  
  System.ValueType  
    System.Enum  
      **C1.Win.C1TrueDBGrid.TabActionEnum**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1.Win.C1TrueDBGrid Namespace

### VisualStyle

Specifies a visual style to use when rendering the control.

## Syntax

Visual Basic (Declaration)	
<pre>Public Enum VisualStyle</pre>	
<pre>    Inherits System.Enum</pre>	
C#	
<pre>public enum VisualStyle : System.Enum</pre>	

## Members

Member	Description
<b>Custom</b>	Do not use any visual styles. Render the control using the styles and properties only.
<b>Office2007Black</b>	Render the control with an appearance based on the Office 2007 Black color scheme.
<b>Office2007Blue</b>	Render the control with an appearance based on the Office 2007 Blue color scheme.
<b>Office2007Silver</b>	Render the control with an appearance based on the Office 2007 Silver color scheme.
<b>Office2010Black</b>	Render the control with an appearance based on the Office 2010 Black color scheme.
<b>Office2010Blue</b>	Render the control with an appearance based on the Office 2010 Blue color scheme.

<b>Office2010Silver</b>	Render the control with an appearance based on the Office 2010 Silver color scheme.
<b>System</b>	Render the control with an appearance based on the current system settings.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.VisualStyle
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid Namespace](#)

### Structures

[Split.CellRange](#)

## Object Model

[Split.CellRange](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Structure Split.CellRange   Inherits System.ValueType</pre>	
C#	
<pre>public struct Split.CellRange : System.ValueType</pre>	

## Inheritance Hierarchy

System.Object  
  System.ValueType  
    **C1.Win.C1TrueDBGrid.Split.CellRange**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### Overview

## Object Model

[Split.CellRange](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Structure Split.CellRange     Inherits System.ValueType</pre>	
C#	
<pre>public struct Split.CellRange : System.ValueType</pre>	

## Inheritance Hierarchy

System.Object  
  System.ValueType  
    **C1.Win.C1TrueDBGrid.Split.CellRange**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### *Members*

[Fields](#) [Methods](#)

The following tables list the members exposed by [Split.CellRange](#).

## Public Constructors

	Name	Description
=	<a href="#">Split.CellRange Constructor</a>	Overloaded.

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## Public Fields

	Name	Description
◆	<a href="#">c1</a>	
◆	<a href="#">c2</a>	
◆	<a href="#">r1</a>	
◆	<a href="#">r2</a>	

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## Public Methods

	Name	Description
--	------	-------------

 IsSingleCell	Determines whether the range is a single cell.
--	--

[Top](#)

## See Also

### Reference

[Split.CellRange Structure](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*Split.CellRange Constructor*

### Overload List

Overload	Description
<a href="#">Split.CellRange Constructor(Int32,Int32)</a>	Initializes a new instance of the <a href="#">Split.CellRange</a> struct.
<a href="#">Split.CellRange Constructor(Int32,Int32,Int32,Int32)</a>	Initializes a new instance of the <a href="#">Split.CellRange</a> struct.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)  
[Split.CellRange Members](#)

*Split.CellRange Constructor(Int32,Int32)*

The row.

The col.

Initializes a new instance of the [Split.CellRange](#) struct.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal row As System.Integer, _     ByVal col As System.Integer _ )</pre>	
C#	
<pre>public Split.CellRange(     System.int row,     System.int col )</pre>	

### Parameters

*row*

The row.

*col*

The col.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)

[Split.CellRange Members](#)

[Overload List](#)

*Split.CellRange Constructor(Int32,Int32,Int32,Int32)*

The row1.

The col1.

The row2.

The col2.

Initializes a new instance of the [Split.CellRange](#) struct.

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal row1 As System.Integer, _
    ByVal col1 As System.Integer, _
    ByVal row2 As System.Integer, _
    ByVal col2 As System.Integer _
)
```

C#

```
public Split.CellRange(
    System.int row1,
    System.int col1,
    System.int row2,
    System.int col2
)
```

### Parameters

*row1*

The row1.

*col1*

The col1.

*row2*

The row2.

*col2*

The col2.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)  
[Split.CellRange Members](#)  
[Overload List](#)

### Methods

For a list of all members of this type, see [Split.CellRange members](#).

## Public Methods

	Name	Description
=	<a href="#">IsSingleCell</a>	Determines whether the range is a single cell.

[Top](#)

## See Also

### Reference

[Split.CellRange Structure](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### *IsSingleCell Method*

Determines whether the range is a single cell.

## Syntax

Visual Basic (Declaration)	
	<pre>Public Function IsSingleCell() As System.Boolean</pre>
C#	
	<pre>public System.bool IsSingleCell()</pre>

### Return Value

true if [is single cell]; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)  
[Split.CellRange Members](#)

#### Fields

For a list of all members of this type, see [Split.CellRange members](#).

## Public Fields

	Name	Description
◆	c1	
◆	c2	
◆	r1	
◆	r2	

[Top](#)

## See Also

### Reference

[Split.CellRange Structure](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

*c1 Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public c1 As System.Integer</pre>	
C#	
<pre>public System.int c1</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)

[Split.CellRange Members](#)

*c2 Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public c2 As System.Integer</pre>	
C#	
<pre>public System.int c2</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)

[Split.CellRange Members](#)

*r1 Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public r1 As System.Integer</pre>	
C#	
<pre>public System.int r1</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)

[Split.CellRange Members](#)

*r2 Field*

## Syntax

Visual Basic (Declaration)	
<pre>Public r2 As System.Integer</pre>	
C#	
<pre>public System.int r2</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Split.CellRange Structure](#)

[Split.CellRange Members](#)

### **Delegates**

[BandEventHandler](#)

Raised when a hierarchical node is expanded or collapsed.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub BandEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As BandEventArgs _)
)
```

C#

```
public delegate void BandEventHandler(
    System.Object sender,
    BandEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BandEventHandler Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

[BeforeColEditEventHandler](#)

Raised before a column enters edit mode.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub BeforeColEditEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As BeforeColEditEventArgs _ )
```

C#	
----	--

```
public delegate void BeforeColEditEventHandler(
    System.Object sender,
    BeforeColEditEventArgs e )
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColEditEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[BeforeColUpdateEventHandler](#)

Raised after editing is completed in a cell.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub BeforeColUpdateEventHandler( _
```

```

    ByVal sender As System.Object,
    ByVal e As BeforeColUpdateEventArgs
)
C#
public delegate void BeforeColUpdateEventHandler(
    System.Object sender,
    BeforeColUpdateEventArgs e
)

```

## Parameters

*sender*

*e*

## Remarks

The BeforeColUpdate event occurs after editing is completed in a cell, but before data is moved from the cell to the grid's internal copy buffer. The data specified by the OldValue argument moves from the cell to the grid's copy buffer when the user completes editing within a cell, as when tabbing to another column in the same row, pressing the Enter key, or clicking on another cell. Before the data has been moved from the cell into the grid's copy buffer, the BeforeColUpdate event is triggered. This event gives the application an opportunity to check the individual grid cells before they are committed to the grid's copy buffer. If your event procedure sets the Cancel argument to True, the previous value is restored in the cell, the grid retains focus, and the AfterColUpdate event is not triggered. Change the current cell text by setting OldValue to the value wanted to display (other than the previous value). To restore OldValue in the cell and permit the user to move focus off of the cell, set Cancel to False and set the cell to OldValue as follows:

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[BeforeColUpdateEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

**CancelEventHandler**

Raised before an action is performed on the grid and the action can be canceled.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub CancelEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As CancelEventArgs _
```

```
)
```

C#

```
public delegate void CancelEventHandler(
    System.Object sender,
    CancelEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CancelEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

**ColEventHandler**

Raised when an action is perfored on a column.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub ColEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As ColEventArgs _
)
```

C#	
----	--

```
public delegate void ColEventHandler(
    System.Object sender,
    ColEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[ColMoveEventHandler](#)

Raised when a column is being repositioned.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub ColMoveEventHandler( _
```

```

    ByVal sender As System.Object,
    ByVal e As ColMoveEventArgs
)
C#
public delegate void ColMoveEventHandler(
    System.Object sender,
    ColMoveEventArgs e
)

```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColMoveEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### ColResizeEventHandler

Raised after a column has been resized.

## Syntax

### Visual Basic (Declaration)

```

Public Delegate Sub ColResizeEventHandler( _
    ByVal sender As System.Object,
    ByVal e As ColResizeEventArgs
)

```

C#

```
public delegate void ColResizeEventHandler(
    System.Object sender,
    ColEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ColResizeEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[ErrorHandler](#)

Raised when an exception is thrown via the UI.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub ErrorHandler( _
    ByVal sender As System.Object, _
    ByVal e As ErrorEventArgs _
)
```

C#

```
public delegate void ErrorHandler(
    System.Object sender,
    ErrorEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ErrorHandler Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

[FetchCellStyleEventHandler](#)

Raised when the [Style](#) used to render a cell needs customization.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub FetchCellStyleEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As FetchCellStyleEventArgs _)
)
```

C#

```
public delegate void FetchCellStyleEventHandler(
    System.Object sender,
    FetchCellStyleEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchCellStyleEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### FetchCellTipsEventHandler

Raised when cell tips are to be displayed.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub FetchCellTipsEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As FetchCellTipsEventArgs _
)
```

C#

```
public delegate void FetchCellTipsEventHandler(
    System.Object sender,
    FetchCellTipsEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[FetchCellTipsEventHandler Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### FetchRowStyleEventHandler

Raised when the [Style](#) used to render a row needs customization.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub FetchRowStyleEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As FetchRowStyleEventArgs _ )
```

C#

```
public delegate void FetchRowStyleEventHandler(
    System.Object sender,
    FetchRowStyleEventArgs e )
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchRowStyleEventHandler Members](#)

[C1.Win.C1TrueDBGrid Namespace](#)

### FetchScrollTipsEventHandler

Raised when scroll tips are to be displayed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub FetchScrollTipsEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As FetchScrollTipsEventArgs _  
)
```

C#	
----	--

```
public delegate void FetchScrollTipsEventHandler(
    System.Object sender,
    FetchScrollTipsEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FetchScrollTipsEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[FilterEventHandler](#)

Raised when the grid is sorted or filtered.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub FilterEventHandler( _
```

```

    ByVal sender As System.Object,
    ByVal e As FilterEventArgs
)
C#
public delegate void FilterEventHandler(
    System.Object sender,
    FilterEventArgs e
)

```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FilterEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[FormatTextEventHandler](#)

Raised when a cell needs custom formatting.

## Syntax

### Visual Basic (Declaration)

```

Public Delegate Sub FormatTextEventHandler( _
    ByVal sender As System.Object,
    ByVal e As FormatTextEventArgs
)

```

C#

```
public delegate void FormatTextEventHandler(
    System.Object sender,
    FormatTextEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[FormatTextEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[GroupColEventHandler](#)

Raised when grouping columns.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub GroupColEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As GroupColEventArgs _
)
```

C#

```
public delegate void GroupColEventHandler(
    System.Object sender,
    GroupColEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

#### GroupColMoveEventHandler

Raised when a column is moved into or out of the grouping area.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub GroupColMoveEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As GroupColMoveEventArgs _
)
```

C#

```
public delegate void GroupColMoveEventHandler(
    System.Object sender,
    GroupColMoveEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupColMoveEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### GroupIntervalEventHandler

Raised when text is grouped.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub GroupIntervalEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As GroupIntervalEventArgs _
)
```

C#

```
public delegate void GroupIntervalEventHandler(
    System.Object sender,
    GroupIntervalEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[GroupIntervalEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### GroupTextEventHandler

Raised when text is grouped.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub GroupTextEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As GroupTextEventArgs _)
)
```

C#

```
public delegate void GroupTextEventHandler(
    System.Object sender,
    GroupTextEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GroupTextEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### OwnerDrawCellEventHandler

Raised when a cell is to be rendered by the event code.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub OwnerDrawCellEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As OwnerDrawCellEventArgs _
```

```
)
```

C#	
----	--

```
public delegate void OwnerDrawCellEventHandler(
    System.Object sender,
    OwnerDrawCellEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawCellEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[OwnerDrawPageEventHandler](#)

Raised when custom page headers and footers need to be rendered.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Delegate Sub OwnerDrawPageEventHandler( _
```

```

    ByVal sender As System.Object,
    ByVal e As OwnerDrawPageEventArgs
)
C#
public delegate void OwnerDrawPageEventHandler(
    System.Object sender,
    OwnerDrawPageEventArgs e
)

```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[OwnerDrawPageEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

[RowColChangeEventHandler](#)

Raised after the current Row or Column changes.

## Syntax

### Visual Basic (Declaration)

```

Public Delegate Sub RowColChangeEventHandler( _
    ByVal sender As System.Object,
    ByVal e As RowColChangeEventArgs
)

```

C#

```
public delegate void RowColChangeEventHandler(
    System.Object sender,
    RowColChangeEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[RowColChangeEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### SplitEventHandler

Raised when Split specific actions are performed.

## Syntax

### Visual Basic (Declaration)

```
Public Delegate Sub SplitEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As SplitEventArgs _
```

)

### C#

```
public delegate void SplitEventHandler(
    System.Object sender,
    SplitEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### UIStringsItemEventHandler

Represents a handler for an [UIStrings](#) item related event.

## Syntax

Visual Basic (Declaration)	
<pre>Public Delegate Sub UIStringsItemEventHandler( _</pre>	
<pre>    ByVal sender As System.Object, _</pre>	
<pre>    ByVal e As UIStringsEventArgs _</pre>	
)	

C#	
<pre>public delegate void UIStringsItemEventHandler(</pre>	
<pre>    System.Object sender,</pre>	
<pre>    UIStringsEventArgs e</pre>	
)	

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[UIStringsItemEventHandler Members](#)  
[C1.Win.C1TrueDBGrid Namespace](#)

### UnboundColumnFetchEventHandler

Raised when an unbound column needs to be rendered.

## Syntax

Visual Basic (Declaration)

```
Public Delegate Sub UnboundColumnFetchEventHandler( _
    ByVal sender As System.Object, _
    ByVal e As UnboundColumnFetchEventArgs _ )
```

C#

```
public delegate void UnboundColumnFetchEventHandler(
    System.Object sender,
    UnboundColumnFetchEventArgs e )
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

UnboundColumnFetchEventHandler Members  
C1.Win.C1TrueDBGrid Namespace

### C1.Win.C1TrueDBGrid.BaseGrid Namespace

#### Overview

#### Classes

Class	Description
 Frame	Summary description for BaseGridFrame.
 View	Base class for splits.
 ViewRow	Represents a row in a split.
 ViewRowList	Represents a collection of ViewRow objects.

## See Also

#### Reference

[C1.Win.C1TrueDBGrid.4 Assembly](#)

#### Classes

Frame

Summary description for BaseGridFrame.

## Object Model

Frame

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.LocalizableAttribute(True)> <System.ComponentModel.Design.Serialization.DesignerSerializerAttribute(Serializ	

```

erTypeName="C1.Win.C1TrueDBGrid.Design.C1TrueDBGridCodeDomSerializer,
C1.Win.C1TrueDBGrid.4.Design",
SerializerBaseTypeName="System.ComponentModel.Design.Serialization.CodeDomSerial
izer")>
Public MustInherit Class Frame
    Inherits System.Windows.Forms.Control

```

C#	
----	--

```

[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.Design.Serialization.DesignerSerializerAttribute(Serializ
erTypeName="C1.Win.C1TrueDBGrid.Design.C1TrueDBGridCodeDomSerializer,
C1.Win.C1TrueDBGrid.4.Design",
SerializerBaseTypeName="System.ComponentModel.Design.Serialization.CodeDomSerial
izer")]
public abstract class Frame : System.Windows.Forms.Control

```

## Inheritance Hierarchy

```

System.Object
System.MarshalByRefObject
System.ComponentModel.Component
System.Windows.Forms.Control
C1.Win.C1TrueDBGrid.BaseGrid.Frame
    C1.Win.C1TrueDBGrid.C1TrueDBDropdown
    C1.Win.C1TrueDBGrid.C1TrueDBGrid

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Members](#)  
[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### Overview

Summary description for BaseGridFrame.

# Object Model

Frame

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.Design.Serialization.DesignerSerializerAttribute(DeserializerTypeName="C1.Win.C1TrueDBGrid.Design.C1TrueDBGridCodeDomSerializer,
C1.Win.C1TrueDBGrid.4.Design",
SerializerBaseTypeName="System.ComponentModel.Design.Serialization.CodeDomSerializer")>
Public MustInherit Class Frame
    Inherits System.Windows.Forms.Control
```

C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.Design.Serialization.DesignerSerializerAttribute(DeserializerTypeName="C1.Win.C1TrueDBGrid.Design.C1TrueDBGridCodeDomSerializer,
C1.Win.C1TrueDBGrid.4.Design",
SerializerBaseTypeName="System.ComponentModel.Design.Serialization.CodeDomSerializer")]
public abstract class Frame : System.Windows.Forms.Control
```

## Inheritance Hierarchy

```
System.Object
System.MarshalByRefObject
System.ComponentModel.Component
System.Windows.Forms.Control
C1.Win.C1TrueDBGrid.BaseGrid.Frame
    C1.Win.C1TrueDBGrid.C1TrueDBDropdown
    C1.Win.C1TrueDBGrid.C1TrueDBGrid
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Members](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

#### Members

[Properties](#) [Methods](#) [Events](#)

The following tables list the members exposed by [Frame](#).

## Public Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data.
	<a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus.
	<a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to

		automatically sort data when a column header is clicked.
 <a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">BorderStyle</a>	Gets or sets the border for the control.	
 <a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">Caption</a>	Gets or sets the grid's caption.	
 <a href="#">CaptionHeight</a>	Gets or sets the height of the grid's caption.	
 <a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">ClientRect</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)	

 <a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Container</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to.
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control.
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleBuffer</a>	Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker.
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid.
	<a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Location</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Margin</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles.
	<a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RowCount</a>	Gets the number of rows in an unbound grid.
	<a href="#">RowHeight</a>	Gets or sets the height of grid rows.
	<a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid.
	<a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved.

 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SplitDividerSize</a>	
 <a href="#">TabIndex</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource.
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control.
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Properties

	Name	Description

 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateParams</a>	Overridden.
 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	Overridden. Gets the default size of the control.
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)

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## Public Methods

	Name	Description
≡♥	<a href="#">AddRow</a>	Overloaded. Adds a row to an unbound grid.
≡♥	<a href="#">AddRows</a>	Adds the number of given rows to an unbound grid.
≡♥	<a href="#">BeginInit</a>	ISupportInitialize interface.
≡♥	<a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)
≡♥	<a href="#">Delete</a>	Overloaded. Deletes the given row from an unbound grid.
≡♥	<a href="#">Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
≡♥	<a href="#">DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">EndInit</a>	ISupportInitialize interface.
≡♥	<a href="#">EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">FindForm</a>	(Inherited from System.Windows.Forms.Control)
≡♥	<a href="#">Focus</a>	(Inherited from System.Windows.Forms.Control)

<a href="#">≡</a>	<a href="#">GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡</a>	<a href="#">Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">NewRow</a>	Creates a new System.Data.DataRow with the same schema as the unbound grid.
<a href="#">≡</a>	<a href="#">PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡</a>	<a href="#">RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Refresh</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetText</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">Scale</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SendToBack</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">SetDataBinding</a>	Overloaded. Binds the grid at runtime
 <a href="#">Show</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ToString</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">Update</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Methods

	Name	Description
 <a href="#">CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)	

	<a href="#">CreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
	<a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">initializeStyles</a>	Initializes root and named styles.
	<a href="#">InitLayout</a>	Overridden. Called after the control has been added to another container.
	<a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">IsInputChar</a>	Overridden. Inherited from Control.
 <a href="#">IsInputKey</a>	Overridden. Inherited from Control.
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">On_AddNew</a>	Raised when a new row is added.
 <a href="#">On_Init</a>	Raised when the grid is initialized.
 <a href="#">On_Scroll</a>	Raised when the grid scrolls.
 <a href="#">OnAfterColEdit</a>	Raised after a column has been edited.
 <a href="#">OnAfterColUpdate</a>	Raised after the datasource has been updated for a column.
 <a href="#">OnAfterDelete</a>	Raised after a row has been deleted.
 <a href="#">OnAfterFilter</a>	Raised after the datasource has been filtered.
 <a href="#">OnAfterInsert</a>	Raised after a row has been inserted.
 <a href="#">OnAfterSort</a>	Raised after the datasource has been sorted.
 <a href="#">OnAfterUpdate</a>	Raised after a row has been updated.
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackColorChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBeforeClose</a>	Raised before a child grid is closed.
 <a href="#">OnBeforeColEdit</a>	Raised before a column edit.
 <a href="#">OnBeforeColUpdate</a>	Raised before a column has been updated.
 <a href="#">OnBeforeDelete</a>	Raised before a row is deleted.
 <a href="#">OnBeforeInsert</a>	Raised before a row is inserted.
 <a href="#">OnBeforeOpen</a>	Raised before a child grid is displayed.
 <a href="#">OnBeforeRowColChange</a>	Raised before a row or column currency is changed.
 <a href="#">OnBeforeUpdate</a>	Raised before a row is updated.
 <a href="#">OnBindingContextChanged</a>	Overridden. Raised when the Binding Context changes.
 <a href="#">OnButtonClick</a>	Raised when a button in a cell has been clicked.
 <a href="#">OnCausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnChange</a>	Raised when the grids cell content has been modified.
 <a href="#">OnChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnClick</a>	Overridden. Inherited from Control.
 <a href="#">OnClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnColEdit</a>	Raised when a column has been edited.
 <a href="#">OnCollapse</a>	Raised when a band is collapsed in a hierarchical grid.

 <a href="#">OnColMove</a>	Raised when a column is dragged.
 <a href="#">OnColResize</a>	Raised when a column has been resized.
 <a href="#">OnComboSelect</a>	Raised when a value in the combobox has been selected.
 <a href="#">OnContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlAdded</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCreateControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnCursorChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnDataSourceChanged</a>	Raised when the datasource is changed.
 <a href="#">OnDockChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDoubleClick</a>	Overridden. Inherited from Control.
 <a href="#">OnDragDrop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnEnter</a>	Overridden. Inherited from Control.
 <a href="#">OnError</a>	Raised when the grid encounters an error through the UI.
 <a href="#">OnExpand</a>	Raised when a band is expanded in a hierarchical grid.
 <a href="#">OnFetchCellStyle</a>	Raised when a custom style is to be used for rendering a cell.
 <a href="#">OnFetchCellTips</a>	Raised when a cell tip is to be displayed.
 <a href="#">OnFetchGroupCellStyle</a>	Raised when a custom style is to be used for renderind a grouped cell.
 <a href="#">OnFetchRowStyle</a>	Raised when a custom style is to be used for a row.
 <a href="#">OnFetchScrollTips</a>	Raised when scroll tips are to be displayed.
 <a href="#">OnFilter</a>	Raised when AllowFilter is false.
 <a href="#">OnFilterButtonClick</a>	Raised when a button in the filter bar is clicked.
 <a href="#">OnFilterChange</a>	Raised when a filter condition has changed.
 <a href="#">OnFirstRowChange</a>	Raised when the top row has changed.
 <a href="#">OnFontChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnFootClick</a>	Raised when a column footer has been clicked.
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormatText</a>	Raised when a cell value needs custom formatting.

 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	Overridden. Inherited from Control.
 <a href="#">OnGroupAggregate</a>	Raised when custom aggregates are used for a grouped grid.
 <a href="#">OnGroupColMove</a>	Raised when a grouped column is moved.
 <a href="#">OnGroupHeadClick</a>	Raised when a column header in the grouping area is clicked.
 <a href="#">OnGroupInterval</a>	Raised when custom group intervals are used for a grouped grid.
 <a href="#">OnGroupText</a>	Raised when custom values are to be used for the group text.
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHeadClick</a>	Raised when a column header has been clicked.
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	Overridden. Inherited from Control.
 <a href="#">OnKeyPress</a>	Overridden. Inherited from Control.
 <a href="#">OnKeyUp</a>	Overridden. Inherited from Control.

 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLeave</a>	Overridden. Inherited from Control.
 <a href="#">OnLeftColChange</a>	Raised when the left column has changed.
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	Overridden. Inherited from Control.
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseEnter</a>	Overridden.
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseMove</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseUp</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseWheel</a>	Overridden. Inherited from Control.
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnOwnerDrawCell</a>	Raised when a cell has to be rendered.
⌚	<a href="#">OnOwnerDrawCellPrint</a>	Raised when a cell has to be printed.
⌚	<a href="#">OnOwnerDrawPageFooter</a>	Raised when a Page footer needs to be printed.
⌚	<a href="#">OnOwnerDrawPageHeader</a>	Raised when Page header needs to be printed.
⌚	<a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnPaint</a>	Overridden. Inherited from Control.
⌚	<a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnParentVisibleChanged</a>	Overridden.
⌚	<a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	Overridden. Inherited from Control.
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden. Inherited from Control.
 <a href="#">OnRightToLeftChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnRowColChange</a>	Raised after a row or column currency has been changed.
 <a href="#">OnRowResize</a>	Raised before a row is resized.
 <a href="#">OnSelChange</a>	Raised when a selection has changed.
 <a href="#">OnSizeChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnSort</a>	Raised when the datasource is sorted by clicking the column header.
 <a href="#">OnSplitAdded</a>	Raised when a split has been added.
 <a href="#">OnSplitChange</a>	Raised when split currency has changed.
 <a href="#">OnSplitRemoved</a>	Raised when a split has been removed.
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)

⌚	<a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnUnboundColumnFetch</a>	Raised to fetch data for an unbound column.
⌚	<a href="#">OnUnboundColumnUpdated</a>	Raised when an unbound column has been updated.
⌚	<a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">OnValidating</a>	Overridden. Inherited from Control.
⌚	<a href="#">OnValueItemError</a>	Raised when a value item is selected that's not in the ValueItems collection.
⌚	<a href="#">OnVisibleChanged</a>	Overridden. Inherited from Control.
⌚	<a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event.
⌚	<a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
⌚	<a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ResetVisualStyle</a>	Resets <a href="#">VisualStyle</a> to the default value.
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetDataSource</a>	Called when the datasource changes.
	<a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ShouldSerializeCaptionHeight</a>	
	<a href="#">ShouldSerializeRowHeight</a>	
	<a href="#">ShouldSerializeSplitDividerSize</a>	

	<a href="#">ShouldSerializeVisualStyle</a>	Tests whether <a href="#">VisualStyle</a> should be serialized.
	<a href="#">SizeFromClientSize</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">UpdateStyles</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">UpdateZOrder</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">WndProc</a>	Overridden. Processes Windows messages.

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## Public Events

	Name	Description
	<a href="#">BackColorChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">BackgroundImageChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">BackgroundImageLayoutChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">BindingContextChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">CausesValidationChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ChangeUICues</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">Click</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ClientSizeChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ContextMenuChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )
	<a href="#">ContextMenuStripChanged</a>	(Inherited from <a href="#">System.Windows.Forms.Control</a> )

 ControlAdded	(Inherited from System.Windows.Forms.Control)
 ControlRemoved	(Inherited from System.Windows.Forms.Control)
 CursorChanged	(Inherited from System.Windows.Forms.Control)
 Disposed	(Inherited from System.ComponentModel.Component)
 DockChanged	(Inherited from System.Windows.Forms.Control)
 DoubleClick	(Inherited from System.Windows.Forms.Control)
 DragDrop	(Inherited from System.Windows.Forms.Control)
 DragEnter	(Inherited from System.Windows.Forms.Control)
 DragLeave	(Inherited from System.Windows.Forms.Control)
 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)
 Enter	(Inherited from System.Windows.Forms.Control)
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 HandleCreated	(Inherited from System.Windows.Forms.Control)
 HandleDestroyed	(Inherited from System.Windows.Forms.Control)

 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)
 KeyPress	(Inherited from System.Windows.Forms.Control)
 KeyUp	(Inherited from System.Windows.Forms.Control)
 Layout	(Inherited from System.Windows.Forms.Control)
 Leave	(Inherited from System.Windows.Forms.Control)
 LocationChanged	(Inherited from System.Windows.Forms.Control)
 LostFocus	(Inherited from System.Windows.Forms.Control)
 MarginChanged	(Inherited from System.Windows.Forms.Control)
 MouseCaptureChanged	(Inherited from System.Windows.Forms.Control)
 MouseClick	(Inherited from System.Windows.Forms.Control)
 MouseDoubleClick	(Inherited from System.Windows.Forms.Control)
 MouseDown	(Inherited from System.Windows.Forms.Control)
 MouseEnter	(Inherited from System.Windows.Forms.Control)
 MouseHover	(Inherited from System.Windows.Forms.Control)
 MouseLeave	(Inherited from System.Windows.Forms.Control)

 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Paint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryAccessibilityHelp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">QueryContinueDrag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Resize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">StyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStopChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">TextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Validating</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisibleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisualStyleChanged</a>	Occurs when visual style property has been changed.

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## See Also

### Reference

[Frame Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### Methods

>

Name	Description
 <a href="#">AddRow</a>	Overloaded. Adds a row to an unbound grid.
 <a href="#">AddRows</a>	Adds the number of given rows to an unbound grid.
 <a href="#">BeginInit</a>	ISupportInitialize interface.
 <a href="#">BeginInvoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
 <a href="#">BringToFront</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Contains</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateGraphics</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">CreateObjRef</a>	(Inherited from System.MarshalByRefObject)

<a href="#">≡itm Delete</a>	Overloaded. Deletes the given row from an unbound grid.
<a href="#">≡itm Dispose</a>	Overloaded. Overridden. Called when the class is being disposed.
<a href="#">≡itm DoDragDrop</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm DrawToBitmap</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm EndInit</a>	ISupportInitialize interface.
<a href="#">≡itm EndInvoke</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm FindForm</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm Focus</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm GetChildAtPoint</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡itm GetContainerControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm GetLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡itm GetNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm GetPreferredSize</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm Hide</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm InitializeLifetimeService</a>	(Inherited from System.MarshalByRefObject)
<a href="#">≡itm Invalidate</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡itm Invoke</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡itm NewRow</a>	Creates a new System.Data.DataRow with the same schema as the unbound grid.
<a href="#">≡itm PerformLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡itm PointToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm PointToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡itm PreProcessControlMessage</a>	(Inherited from System.Windows.Forms.Control)

<a href="#">≡ PreProcessMessage</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ RectangleToClient</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ RectangleToScreen</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ Refresh</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ ResetText</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ ResumeLayout</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡ Scale</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ Select</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡ SelectNextControl</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ SendToBack</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ SetBounds</a>	Overloaded. (Inherited from System.Windows.Forms.Control)
<a href="#">≡ SetDataBinding</a>	Overloaded. Binds the grid at runtime
<a href="#">≡ Show</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ SuspendLayout</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ ToString</a>	(Inherited from System.ComponentModel.Component)
<a href="#">≡ Update</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Methods

Name	Description
<a href="#">≡ CreateAccessibilityInstance</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ CreateControlsInstance</a>	(Inherited from System.Windows.Forms.Control)
<a href="#">≡ CreateHandle</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">DefWndProc</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DestroyHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Finalize</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">GetAccessibilityObjectById</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetScaledBounds</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetService</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">GetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">GetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">initializeStyles</a>	Initializes root and named styles.
 <a href="#">InitLayout</a>	Overridden. Called after the control has been added to another container.
 <a href="#">InvokeGotFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeLostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeOnClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokePaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsInputChar</a>	Overridden. Inherited from Control.
 <a href="#">IsInputKey</a>	Overridden. Inherited from Control.
 <a href="#">MemberwiseClone</a>	Overloaded. (Inherited from System.MarshalByRefObject)
 <a href="#">NotifyInvalidate</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">On_AddNew</a>	Raised when a new row is added.
 <a href="#">On_Init</a>	Raised when the grid is initialized.

 <a href="#">On_Scroll</a>	Raised when the grid scrolls.
 <a href="#">OnAfterColEdit</a>	Raised after a column has been edited.
 <a href="#">OnAfterColUpdate</a>	Raised after the datasource has been updated for a column.
 <a href="#">OnAfterDelete</a>	Raised after a row has been deleted.
 <a href="#">OnAfterFilter</a>	Raised after the datasource has been filtered.
 <a href="#">OnAfterInsert</a>	Raised after a row has been inserted.
 <a href="#">OnAfterSort</a>	Raised after the datasource has been sorted.
 <a href="#">OnAfterUpdate</a>	Raised after a row has been updated.
 <a href="#">OnAutoSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackColorChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnBeforeClose</a>	Raised before a child grid is closed.
 <a href="#">OnBeforeColEdit</a>	Raised before a column edit.
 <a href="#">OnBeforeColUpdate</a>	Raised before a column has been updated.
 <a href="#">OnBeforeDelete</a>	Raised before a row is deleted.
 <a href="#">OnBeforeInsert</a>	Raised before a row is inserted.
 <a href="#">OnBeforeOpen</a>	Raised before a child grid is displayed.
 <a href="#">OnBeforeRowColChange</a>	Raised before a row or column currency is changed.
 <a href="#">OnBeforeUpdate</a>	Raised before a row is updated.
 <a href="#">OnBindingContextChanged</a>	Overridden. Raised when the Binding Context changes.
 <a href="#">OnButtonClick</a>	Raised when a button in a cell has been clicked.

⌚ OnCausesValidationChanged	(Inherited from System.Windows.Forms.Control)
⌚ OnChange	Raised when the grids cell content has been modified.
⌚ OnChangeUICues	(Inherited from System.Windows.Forms.Control)
⌚ OnClick	Overridden. Inherited from Control.
⌚ OnClientSizeChanged	(Inherited from System.Windows.Forms.Control)
⌚ OnColEdit	Raised when a column has been edited.
⌚ OnCollapse	Raised when a band is collasped in a hierarchical grid.
⌚ OnColMove	Raised when a column is dragged.
⌚ OnColResize	Raised when a column has been resized.
⌚ OnComboSelect	Raised when a value in the combobox has been selected.
⌚ OnContextMenuChanged	(Inherited from System.Windows.Forms.Control)
⌚ OnContextMenuStripChanged	(Inherited from System.Windows.Forms.Control)
⌚ OnControlAdded	(Inherited from System.Windows.Forms.Control)
⌚ OnControlRemoved	(Inherited from System.Windows.Forms.Control)
⌚ OnCreateControl	(Inherited from System.Windows.Forms.Control)
⌚ OnCursorChanged	Overridden. Inherited from Control.
⌚ OnDataSourceChanged	Raised when the datasource is changed.
⌚ OnDockChanged	(Inherited from System.Windows.Forms.Control)
⌚ OnDoubleClick	Overridden. Inherited from Control.
⌚ OnDragDrop	(Inherited from System.Windows.Forms.Control)
⌚ OnDragEnter	(Inherited from System.Windows.Forms.Control)
⌚ OnDragLeave	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnDragOver</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnEnter</a>	Overridden. Inherited from Control.
 <a href="#">OnError</a>	Raised when the grid encounters an error through the UI.
 <a href="#">OnExpand</a>	Raised when a band is expanded in a hierarchical grid.
 <a href="#">OnFetchCellStyle</a>	Raised when a custom style is to be used for rendering a cell.
 <a href="#">OnFetchCellTips</a>	Raised when a cell tip is to be displayed.
 <a href="#">OnFetchGroupCellStyle</a>	Raised when a custom style is to be used for renderind a grouped cell.
 <a href="#">OnFetchRowStyle</a>	Raised when a custom style is to be used for a row.
 <a href="#">OnFetchScrollTips</a>	Raised when scroll tips are to be displayed.
 <a href="#">OnFilter</a>	Raised when AllowFilter is false.
 <a href="#">OnFilterButtonClick</a>	Raised when a button in the filter bar is clicked.
 <a href="#">OnFilterChange</a>	Raised when a filter condition has changed.
 <a href="#">OnFirstRowChange</a>	Raised when the top row has changed.
 <a href="#">OnFontChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnFootClick</a>	Raised when a column footer has been clicked.
 <a href="#">OnForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnFormatText</a>	Raised when a cell value needs custom formatting.
 <a href="#">OnGiveFeedback</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnGotFocus</a>	Overridden. Inherited from Control.
 <a href="#">OnGroupAggregate</a>	Raised when custom aggregates are used for a grouped grid.

 <a href="#">OnGroupColMove</a>	Raised when a grouped column is moved.
 <a href="#">OnGroupHeadClick</a>	Raised when a column header in the grouping area is clicked.
 <a href="#">OnGroupInterval</a>	Raised when custom group intervals are used for a grouped grid.
 <a href="#">OnGroupText</a>	Raised when custom values are to be used for the group text.
 <a href="#">OnHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHandleDestroyed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnHeadClick</a>	Raised when a column header has been clicked.
 <a href="#">OnHelpRequested</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnImeModeChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnInvalidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnKeyDown</a>	Overridden. Inherited from Control.
 <a href="#">OnKeyPress</a>	Overridden. Inherited from Control.
 <a href="#">OnKeyUp</a>	Overridden. Inherited from Control.
 <a href="#">OnLayout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLeave</a>	Overridden. Inherited from Control.
 <a href="#">OnLeftColChange</a>	Raised when the left column has changed.
 <a href="#">OnLocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnLostFocus</a>	Overridden. Inherited from Control.
 <a href="#">OnMarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseClicked</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnMouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseDown</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseEnter</a>	Overridden.
 <a href="#">OnMouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnMouseLeave</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseMove</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseUp</a>	Overridden. Inherited from Control.
 <a href="#">OnMouseWheel</a>	Overridden. Inherited from Control.
 <a href="#">OnMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnNotifyMessage</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnOwnerDrawCell</a>	Raised when a cell has to be rendered.
 <a href="#">OnOwnerDrawCellPrint</a>	Raised when a cell has to be printed.
 <a href="#">OnOwnerDrawPageFooter</a>	Raised when a Page footer needs to be printed.
 <a href="#">OnOwnerDrawPageHeader</a>	Raised when Page header needs to be printed.
 <a href="#">OnPaddingChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPaint</a>	Overridden. Inherited from Control.
 <a href="#">OnPaintBackground</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentBindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentCursorChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnParentEnabledChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentFontChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentForeColorChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentRightToLeftChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnParentVisibleChanged</a>	Overridden.
 <a href="#">OnPreviewKeyDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnPrint</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnQueryContinueDrag</a>	Overridden. Inherited from Control.
 <a href="#">OnRegionChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnResize</a>	Overridden. Inherited from Control.
 <a href="#">OnRightToLeftChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnRowColChange</a>	Raised after a row or column currency has been changed.
 <a href="#">OnRowResize</a>	Raised before a row is resized.
 <a href="#">OnSelChange</a>	Raised when a selection has changed.
 <a href="#">OnSizeChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnSort</a>	Raised when the datasource is sorted by clicking the column header.
 <a href="#">OnSplitAdded</a>	Raised when a split has been added.
 <a href="#">OnSplitChange</a>	Raised when split currency has changed.
 <a href="#">OnSplitRemoved</a>	Raised when a split has been removed.
 <a href="#">OnStyleChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnSystemColorsChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTabIndexChanged</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">OnTabStopChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnTextChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnUnboundColumnFetch</a>	Raised to fetch data for an unbound column.
 <a href="#">OnUnboundColumnUpdated</a>	Raised when an unbound column has been updated.
 <a href="#">OnValidated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">OnValidating</a>	Overridden. Inherited from Control.
 <a href="#">OnValueItemError</a>	Raised when a value item is selected that's not in the ValueItems collection.
 <a href="#">OnVisibleChanged</a>	Overridden. Inherited from Control.
 <a href="#">OnVisualStyleChanged</a>	Raises the <b>VisualStyleChanged</b> event.
 <a href="#">ProcessCmdKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessDialogChar</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessDialogKey</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProcessKeyPreview</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseDragEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseKeyEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaiseMouseEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RaisePaintEvent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreateHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetMouseEventArgs</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResetVisualStyle</a>	Resets <a href="#">VisualStyle</a> to the default value.
 <a href="#">RtlTranslateAlignment</a>	Overloaded. (Inherited from

System.Windows.Forms.Control)

 <a href="#">RtlTranslateHorizontal</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RtlTranslateLeftRight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetAutoSizeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetBoundsCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetClientSizeCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetDataSource</a>	Called when the datasource changes.
 <a href="#">SetStyle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetTopLevel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SetVisibleCore</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ShouldSerializeCaptionHeight</a>	
 <a href="#">ShouldSerializeRowHeight</a>	
 <a href="#">ShouldSerializeSplitDividerSize</a>	
 <a href="#">ShouldSerializeVisualStyle</a>	Tests whether <a href="#">VisualStyle</a> should be serialized.
 <a href="#">SizeFromClientSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateStyles</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UpdateZOrder</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">WndProc</a>	Overridden. Processes Windows messages.

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## See Also

### Reference

## Frame Class

C1.Win.C1TrueDBGrid.BaseGrid Namespace

### AddRow Method

Adds a row to an unbound grid.

## Overload List

Overload	Description
<a href="#">AddRow(String)</a>	Adds a row to an unbound grid.
<a href="#">AddRow(String,Char)</a>	Adds a row to an unbound grid.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[AddRow\(String\) Method](#)

The data used to populate the new row. Column data is delimited by ';' char.

Adds a row to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overridable Function AddRow( _
    ByVal data As System.String _
) As System.Integer
```

C#

```
public virtual System.int AddRow(
```

```
System.string data  
)
```

## Parameters

*data*

The data used to populate the new row. Column data is delimited by ';' char.

## Return Value

The index of the row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

AddRow(String,Char) Method

The data used to populate the new row.

Character used to separate the data fields.

Adds a row to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function AddRow( _  
    ByVal data As System.String, _  
    ByVal separator As System.Char _  
) As System.Integer
```

C#

```
public virtual System.int AddRow(  
    System.string data,  
    System.char separator  
)
```

## Parameters

*data*

The data used to populate the new row.

*separator*

Character used to separate the data fields.

## Return Value

The index of the row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

### AddRows Method

The number of rows to add.

Adds the number of given rows to an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overridable Function AddRows( _  
    ByVal count As System.Integer _  
) As System.Integer
```

C#

```
public virtual System.int AddRows(  
    System.int count  
)
```

## Parameters

*count*

The number of rows to add.

## Return Value

The index of the first row that was added.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*BeginInit Method*

ISupportInitialize interface.

## Syntax

Visual Basic (Declaration)

```
Public Sub BeginInit()
```

C#

```
public void BeginInit()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *Delete Method*

Deletes the given row from an unbound grid.

## Overload List

Overload	Description
<a href="#">Delete(Int32)</a>	Deletes the given row from an unbound grid.
<a href="#">Delete(Int32,Int32)</a>	Deletes a range of rows from an unbound grid.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### `Delete(Int32)` Method

The index of the row to remove.

Deletes the given row from an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Delete( _
    ByVal index As System.Integer _
)
```

C#

```
public void Delete(
    System.int index
)
```

## Parameters

*index*

The index of the row to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

[Delete\(Int32,Int32\) Method](#)

The starting index of the row to remove.

The number of rows to remove.

Deletes a range of rows from an unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Delete( _
```

```
    ByVal index As System.Integer, _
    ByVal count As System.Integer _
)
```

C#

```
public void Delete(
    System.int index,
    System.int count
)
```

## Parameters

*index*

The starting index of the row to remove.

*count*

The number of rows to remove.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

*Dispose Method*

Called when the class is being disposed.

## Overload List

Overload	Description
<a href="#">Dispose(Boolean)</a>	Called when the class is being disposed.

<a href="#">Dispose()</a>	(Inherited from System.ComponentModel.Component)
---------------------------	--

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Dispose\(Boolean\) Method](#)

True to cleanup.

Called when the class is being disposed.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Protected Overloads Overrides Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#	
----	--

```
protected override void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

True to cleanup.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

### *EndInit Method*

ISupportInitialize interface.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overridable Sub EndInit()</pre>	
C#	
<pre>public virtual void EndInit()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *initializeStyles Method*

Initializes root and named styles.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub initializeStyles()
```

C#

```
protected virtual void initializeStyles()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*InitLayout Method*

Called after the control has been added to another container.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub InitLayout()
```

C#

```
protected override void InitLayout()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *IsInputChar Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Function IsInputChar( _
    ByVal charCode As System.Char _ 
) As System.Boolean
```

C#

```
protected override System.bool IsInputChar(
    System.char charCode
)
```

### Parameters

*charCode*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *IsInputKey Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Function IsInputKey( _
    ByVal keyData As System.Windows.Forms.Keys _ 
) As System.Boolean
```

C#

```
protected override System.bool IsInputKey(
    System.Windows.Forms.Keys keyData
)
```

## Parameters

*keyData*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*NewRow Method*

Creates a new System.Data.DataRow with the same schema as the unbound grid.

## Syntax

Visual Basic (Declaration)

```
Public Function NewRow() As System.Data.DataRow
```

C#

```
public System.Data.DataRow NewRow()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*On\_AddNew Method*

Raised when a new row is added.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub On_AddNew( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void On_AddNew(
    System.EventArgs e
)
```

### Parameters

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*On\_Init Method*

Raised when the grid is initialized.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub On_Init( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected virtual void On_Init(     System.EventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*On\_Scroll Method*

Raised when the grid scrolls.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub On_Scroll( _     ByVal e As CancelEventArgs _ )</pre>	
C#	

```
protected virtual void On_Scroll(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnAfterColEdit Method*

Raised after a column has been edited.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnAfterColEdit( _  
    ByVal e As ColEventArgs _  
)
```

### C#

```
protected virtual void OnAfterColEdit(  
    ColEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnAfterColUpdate Method*

Raised after the datasource has been updated for a column.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnAfterColUpdate( _
    ByVal e As ColEventArgs _
)
```

C#

```
protected virtual void OnAfterColUpdate(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnAfterDelete Method*

Raised after a row has been deleted.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnAfterDelete( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected virtual void OnAfterDelete(     System.EventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnAfterFilter Method*

Raised after the datasource has been filtered.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnAfterFilter( _     ByVal e As FilterEventArgs _ )</pre>	

)	
C#	
<pre>protected virtual void OnAfterFilter(     FilterEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)

#### *OnAfterInsert Method*

Raised after a row has been inserted.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnAfterInsert( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected virtual void OnAfterInsert(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnAfterSort Method*

Raised after the datasource has been sorted.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnAfterSort( _
    ByVal e As FilterEventArgs _
)
```

C#

```
protected virtual void OnAfterSort(
    FilterEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnAfterUpdate Method*

Raised after a row has been updated.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnAfterUpdate( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnAfterUpdate(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnBackColorChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnBackColorChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnBackColorChanged(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnBeforeClose Method*

Raised before a child grid is closed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeClose( _
    ByVal e As CancelEventArgs _
)
```

C#

```
protected virtual void OnBeforeClose(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnBeforeColEdit Method*

Raised before a column edit.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeColEdit( _
    ByVal e As BeforeColEditEventArgs _
)
```

C#

```
protected virtual void OnBeforeColEdit(
    BeforeColEditEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnBeforeColUpdate Method*

Raised before a column has been updated.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeColUpdate( _
    ByVal e As BeforeColUpdateEventArgs _ )
```

C#

```
protected virtual void OnBeforeColUpdate(
    BeforeColUpdateEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnBeforeDelete Method*

Raised before a row is deleted.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeDelete( _
    ByVal e As CancelEventArgs _
)
```

C#

```
protected virtual void OnBeforeDelete(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnBeforeInsert Method*

Raised before a row is inserted.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeInsert( _
    ByVal e As CancelEventArgs _
)
```

C#

```
protected virtual void OnBeforeInsert(
```

```
    CancelEventArgs e  
)  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnBeforeOpen Method*

Raised before a child grid is displayed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeOpen( _  
    ByVal e As CancelEventArgs _  
)
```

C#

```
protected virtual void OnBeforeOpen(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnBeforeRowColChange Method*

Raised before a row or column currency is changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeRowColChange( _
    ByVal e As CancelEventArgs _ )
```

C#

```
protected virtual void OnBeforeRowColChange(
    CancelEventArgs e )
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnBeforeUpdate Method*

Raised before a row is updated.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnBeforeUpdate( _
    ByVal e As CancelEventArgs _)
)
```

### C#

```
protected virtual void OnBeforeUpdate(
    CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnBindingContextChanged Method*

Raised when the Binding Context changes.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnBindingContextChanged( _
    ByVal e As System.EventArgs _)
```

```
)
```

C#

```
protected override void OnBindingContextChanged(  
    System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnButtonClick Method*

Raised when a button in a cell has been clicked.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnButtonClick( _  
    ByVal e As ColEventArgs _  
)
```

C#

```
protected virtual void OnButtonClick(  
    ColEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnChange Method*

Raised when the grids cell content has been modified.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnChange( _
    ByVal e As System.EventArgs _
)
```

### C#

```
protected virtual void OnChange(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnClick Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnClick( _
    ByVal e As System.EventArgs _)
)
```

C#

```
protected override void OnClick(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnColEdit Method*

Raised when a column has been edited.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnColEdit( _
    ByVal e As ColEventArgs _
)
```

C#

```
protected virtual void OnColEdit(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnCollapse Method*

Raised when a band is collapsed in a hierarchical grid.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnCollapse( _
    ByVal e As BandEventArgs _
)
```

C#

```
protected virtual void OnCollapse(
    BandEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnColMove Method*

Raised when a column is dragged.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnColMove( _
    ByVal e As ColMoveEventArgs _
)
```

C#

```
protected virtual void OnColMove(
    ColMoveEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnColResize Method*

Raised when a column has been resized.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnColResize( _  
    ByVal e As ColResizeEventArgs _  
)
```

C#

```
protected virtual void OnColResize(  
    ColResizeEventArgs e  
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnComboSelect Method*

Raised when a value in the combobox has been selected.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnComboSelect( _
    ByVal e As ColEventArgs _
)
```

C#

```
protected virtual void OnComboSelect(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnCursorChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnCursorChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnCursorChanged(
```

```
System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnDataSourceChanged Method*

Raised when the datasource is changed.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnDataSourceChanged( _  
    ByVal e As System.EventArgs _  
)
```

### C#

```
protected virtual void OnDataSourceChanged(  
    System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnDoubleClick Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnDoubleClick( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnDoubleClick(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnEnter Method*

Inherited from Control.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnEnter( _
    ByVal e As System.EventArgs _
)
```

### C#

```
protected override void OnEnter(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnError Method*

Raised when the grid encounters an error through the UI.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnError( _
    ByVal e As ErrorEventArgs _
```

```

)
C#
protected virtual void OnError(
    ErrorEventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)

#### *OnExpand Method*

Raised when a band is expanded in a hierarchical grid.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnExpand( _     ByVal e As BandEventArgs _</pre>	
)	

C#	
<pre>protected virtual void OnExpand(</pre>	
<pre>    BandEventArgs e</pre>	
)	

<pre>protected virtual void OnExpand(</pre>	
<pre>    BandEventArgs e</pre>	
)	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnFetchCellStyle Method*

Raised when a custom style is to be used for rendering a cell.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnFetchCellStyle( _     ByVal e As FetchCellStyleEventArgs _ )</pre>	
C#	
<pre>protected virtual void OnFetchCellStyle(     FetchCellStyleEventArgs e )</pre>	

### Parameters

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnFetchCellTips Method*

Raised when a cell tip is to be displayed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFetchCellTips( _
    ByVal e As FetchCellTipsEventArgs _
)
```

C#

```
protected virtual void OnFetchCellTips(
    FetchCellTipsEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnFetchGroupCellStyle Method*

Raised when a custom style is to be used for renderind a grouped cell.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFetchCellStyle( _
    ByVal e As FetchCellStyleEventArgs _
)
```

C#

```
protected virtual void OnFetchCellStyle(
    FetchCellStyleEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnFetchRowStyle Method*

Raised when a custom style is to be used for a row.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFetchRowStyle( _
    ByVal e As FetchRowStyleEventArgs _
)
```

C#

```
protected virtual void OnFetchRowStyle(
    FetchRowStyleEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnFetchScrollTips Method*

Raised when scroll tips are to be displayed.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub OnFetchScrollTips( _     ByVal e As FetchScrollTipsEventArgs _ )</pre>	
C#	
<pre>protected virtual void OnFetchScrollTips(     FetchScrollTipsEventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnFilter Method*

Raised when AllowFilter is false.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFilter( _
    ByVal e As FilterEventArgs _
)
```

C#

```
protected virtual void OnFilter(
    FilterEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnFilterButtonClick Method*

Raised when a button in the filter bar is clicked.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFilterButtonClick( _
    ByVal e As ColEventArgs _
)
```

C#

```
protected virtual void OnFilterButtonClick(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnFilterChange Method*

Raised when a filter condition has changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFilterChange( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnFilterChange(
```

```
System.EventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnFirstRowChange Method*

Raised when the top row has changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnFirstRowChange( _  
    ByVal e As SplitEventArgs _  
)
```

C#

```
protected virtual void OnFirstRowChange(  
    SplitEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnFontChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnFontChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnFontChanged(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnFootClick Method*

Raised when a column footer has been clicked.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnFootClick( _
    ByVal e As ColEventArgs _
)
```

### C#

```
protected virtual void OnFootClick(
    ColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnFormatText Method*

Raised when a cell value needs custom formatting.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnFormatText( _
    ByVal e As FormatTextEventArgs _)
```

)	
C#	
<pre>protected virtual void OnFormatText(     FormatTextEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)

*OnGotFocus Method*  
Inherited from Control.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnGotFocus( _     ByVal e As System.EventArgs _ )</pre>	
C#	
<pre>protected override void OnGotFocus(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnGroupAggregate Method*

Raised when custom aggregates are used for a grouped grid.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnGroupAggregate( _
    ByVal e As GroupTextEventArgs _
)
```

C#

```
protected virtual void OnGroupAggregate(
    GroupTextEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnGroupColMove Method*

Raised when a grouped column is moved.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnGroupColMove( _
    ByVal e As GroupColMoveEventArgs _)
)
```

C#

```
protected virtual void OnGroupColMove(
    GroupColMoveEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnGroupHeadClick Method*

Raised when a column header in the grouping area is clicked.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnGroupHeadClick( _
    ByVal e As GroupColEventArgs _
)
```

C#

```
protected virtual void OnGroupHeadClick(
    GroupColEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnGroupInterval Method*

Raised when custom group intervals are used for a grouped grid.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnGroupInterval( _
    ByVal e As GroupIntervalEventArgs _
)
```

C#

```
protected virtual void OnGroupInterval(
    GroupIntervalEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnGroupText Method*

Raised when custom values are to be used for the group text.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnGroupText( _
    ByVal e As GroupTextEventArgs _
)
```

C#

```
protected virtual void OnGroupText(
    GroupTextEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnHeadClick Method*

Raised when a column header has been clicked.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnHeadClick( _  
    ByVal e As ColEventArgs _  
)
```

C#

```
protected virtual void OnHeadClick(  
    ColEventArgs e  
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnKeyDown Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnKeyDown( _
    ByVal e As System.Windows.Forms.KeyEventArgs _)
)
```

C#

```
protected override void OnKeyDown(
    System.Windows.Forms.KeyEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnKeyPress Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnKeyPress( _
    ByVal e As System.Windows.Forms.KeyPressEventArgs _)
)
```

C#

```
protected override void OnKeyPress(
```

```
System.Windows.Forms.KeyPressEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnKeyUp Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnKeyUp( _  
    ByVal e As System.Windows.Forms.KeyEventArgs _  
)
```

C#

```
protected override void OnKeyUp(  
    System.Windows.Forms.KeyEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnLeave Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnLeave( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnLeave(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnLeftColChange Method*

Raised when the left column has changed.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnLeftColChange( _
    ByVal e As SplitEventArgs _
)
```

### C#

```
protected virtual void OnLeftColChange(
    SplitEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnLostFocus Method*

Inherited from Control.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnLostFocus( _
    ByVal e As System.EventArgs _
```

)	
C#	
<pre>protected override void OnLostFocus(     System.EventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)

*OnMouseDown Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnMouseDown( _     ByVal e As System.Windows.Forms.MouseEventArgs _</pre>	
)	
C#	
<pre>protected override void OnMouseDown(     System.Windows.Forms.MouseEventArgs e )</pre>	

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnMouseEnter Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseEnter( _
    ByVal e As System.EventArgs _)
)
```

C#

```
protected override void OnMouseEnter(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnMouseLeave Method*

Inherited from Control.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseLeave( _
    ByVal e As System.EventArgs _
)
```

### C#

```
protected override void OnMouseLeave(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnMouseMove Method*

Inherited from Control.

## Syntax

### Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseMove( _
    ByVal e As System.Windows.Forms.MouseEventArgs _
```

```
)
```

C#

```
protected override void OnMouseMove(  
    System.Windows.Forms.MouseEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnMouseUp Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnMouseUp( _  
    ByVal e As System.Windows.Forms.MouseEventArgs _  
)
```

C#

```
protected override void OnMouseUp(  
    System.Windows.Forms.MouseEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnMouseWheel Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnMouseWheel( _     ByVal e As System.Windows.Forms.MouseEventArgs _ )</pre>	
C#	
<pre>protected override void OnMouseWheel(     System.Windows.Forms.MouseEventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnOwnerDrawCell Method*

Raised when a cell has to be rendered.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnOwnerDrawCell( _
    ByVal e As OwnerDrawCellEventArgs _)
)
```

C#

```
protected virtual void OnOwnerDrawCell(
    OwnerDrawCellEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnOwnerDrawCellPrint Method*

Raised when a cell has to be printed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnOwnerDrawCellPrint( _
    ByVal e As OwnerDrawCellEventArgs _
)
```

C#

```
protected virtual void OnOwnerDrawCellPrint(
    OwnerDrawCellEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnOwnerDrawPageFooter Method*

Raised when a Page footer needs to be printed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnOwnerDrawPageFooter( _
    ByVal e As OwnerDrawPageEventArgs _
)
```

C#

```
protected virtual void OnOwnerDrawPageFooter(
    OwnerDrawPageEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnOwnerDrawPageHeader Method*

Raised when Page header needs to be printed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnOwnerDrawPageHeader( _
    ByVal e As OwnerDrawEventArgs _
)
```

C#

```
protected virtual void OnOwnerDrawPageHeader(
    OwnerDrawEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnPaint Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnPaint( _     ByVal e As System.Windows.Forms.PaintEventArgs _</pre>	
)	
C#	
<pre>protected override void OnPaint(     System.Windows.Forms.PaintEventArgs e )</pre>	

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnParentVisibleChanged Method*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Protected Overrides Sub OnParentVisibleChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnParentVisibleChanged(
    System.EventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnQueryContinueDrag Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnQueryContinueDrag( _
    ByVal e As System.Windows.Forms.QueryContinueDragEventArgs _
)
```

C#

```
protected override void OnQueryContinueDrag(
    System.Windows.Forms.QueryContinueDragEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnResize Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnResize( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnResize(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnRightToLeftChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnRightToLeftChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnRightToLeftChanged(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnRowColChange Method*

Raised after a row or column currency has been changed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnRowColChange( _
    ByVal e As RowColChangeEventArgs _
)
```

C#

```
protected virtual void OnRowColChange(
    RowColChangeEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnRowResize Method*

Raised before a row is resized.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnRowResize( _
    ByVal e As CancelEventArgs _
)
```

C#

```
protected virtual void OnRowResize(
```

```
    CancelEventArgs e  
)  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnSelChange Method*

Raised when a selection has changed.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnSelChange( _  
    ByVal e As CancelEventArgs _  
)
```

### C#

```
protected virtual void OnSelChange(  
    CancelEventArgs e  
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnSizeChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnSizeChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected override void OnSizeChanged(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnSort Method*

Raised when the datasource is sorted by clicking the column header.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnSort( _
    ByVal e As FilterEventArgs _
)
```

### C#

```
protected virtual void OnSort(
    FilterEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnSplitAdded Method*

Raised when a split has been added.

## Syntax

### Visual Basic (Declaration)

```
Protected Overridable Sub OnSplitAdded( _
    ByVal e As System.EventArgs _
```

```

)
C#
protected virtual void OnSplitAdded(
    System.EventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnSplitChange Method*

Raised when split currency has changed.

## Syntax

### Visual Basic (Declaration)

```

Protected Overridable Sub OnSplitChange( _
    ByVal e As System.EventArgs _
)

```

### C#

```

protected virtual void OnSplitChange(
    System.EventArgs e
)

```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnSplitRemoved Method*

Raised when a split has been removed.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnSplitRemoved( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnSplitRemoved(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnUnboundColumnFetch Method*

Raised to fetch data for an unbound column.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnUnboundColumnFetch( _
    ByVal e As UnboundColumnFetchEventArgs) _
)
```

C#

```
protected virtual void OnUnboundColumnFetch(
    UnboundColumnFetchEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnUnboundColumnUpdated Method*

Raised when an unbound column has been updated.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnUnboundColumnUpdated( _
    ByVal e As UnboundColumnFetchEventArgs _
)
```

C#

```
protected virtual void OnUnboundColumnUpdated(
    UnboundColumnFetchEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*OnValidating Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnValidating( _
    ByVal e As System.ComponentModel.CancelEventArgs _
)
```

C#

```
protected override void OnValidating(
    System.ComponentModel.CancelEventArgs e
)
```

## Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *OnValueItemError Method*

Raised when a value item is selected that's not in the ValueItems collection.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnValueItemError( _
    ByVal e As ColEventArgs _)
)
```

C#

```
protected virtual void OnValueItemError(
    ColEventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *OnVisibleChanged Method*

Inherited from Control.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnVisibleChanged( _
    ByVal e As System.EventArgs _)
)
```

C#

```
protected override void OnVisibleChanged(
    System.EventArgs e
)
```

### Parameters

e

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *OnVisualStyleChanged Method*

The **System.EventArgs** instance containing the event data.

Raises the **VisualStyleChanged** event.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnVisualStyleChanged( _
    ByVal e As System.EventArgs _
)
```

C#

```
protected virtual void OnVisualStyleChanged(
    System.EventArgs e
)
```

## Parameters

e

The **System.EventArgs** instance containing the event data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*ResetVisualStyle Method*

Resets [VisualStyle](#) to the default value.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub ResetVisualStyle()
```

C#

```
protected virtual void ResetVisualStyle()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*SetDataBinding Method*

Binds the grid at runtime

## Overload List

Overload	Description
<a href="#">SetDataBinding(Object,String,Boolean)</a>	Binds the grid at runtime
<a href="#">SetDataBinding(Object,String)</a>	Binds the grid at runtime
<a href="#">SetDataBinding()</a>	Configures the grid for use without a datasource.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*SetDataBinding(Object,String,Boolean) Method*

Source of the data

The table to bind to within the object returned by the DataSource property

True to preserve design time layout

Binds the grid at runtime

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Binds the grid to a DataSource at runtime")>
Public Overloads Sub SetDataBinding( _
    ByVal dataSource As System.Object, _
    ByVal dataMember As System.String, _
    ByVal holdFields As System.Boolean _
)
```

C#

```
[C1DescriptionAttribute("Binds the grid to a DataSource at runtime")]
public void SetDataBinding(
    System.object dataSource,
    System.string dataMember,
    System.bool holdFields
)
```

### Parameters

*dataSource*

Source of the data

*dataMember*

The table to bind to within the object returned by the DataSource property

*holdFields*

True to preserve design time layout

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)  
[Overload List](#)

`SetDataBinding(Object, String)` Method

Source of the data

The table to bind to within the object returned by the `DataSource` property

Binds the grid at runtime

## Syntax

Visual Basic (Declaration)	
<pre>&lt;C1DescriptionAttribute("Binds the grid to a DataSource at runtime")&gt; Public Overloads Sub SetDataBinding( _     ByVal dataSource As System.Object, _     ByVal dataMember As System.String _ )</pre>	
C#	
<pre>[C1DescriptionAttribute("Binds the grid to a DataSource at runtime")] public void SetDataBinding(     System.object dataSource,     System.string dataMember )</pre>	

### Parameters

*dataSource*

Source of the data

*dataMember*

The table to bind to within the object returned by the `DataSource` property

## Remarks

The call to `SetDataBinding(object dataSource, string dataMember)` assumes false for the `holdFields` arguments.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

[SetDataBinding\(\) Method](#)

Configures the grid for use without a datasource.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub SetDataBinding()
```

C#

```
public void SetDataBinding()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[Overload List](#)

*SetDataSource Method*

The new datasource.

The new datamember.

True to force a new binding.

Called when the datasource changes.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub SetDataSource( _
    ByVal datasource As System.Object, _
    ByVal newDisplayMember As System.Windows.Forms.BindingMemberInfo, _
    ByVal force As System.Boolean _
)
```

C#

```
protected virtual void SetDataSource(
    System.object datasource,
    System.Windows.Forms.BindingMemberInfo newDisplayMember,
    System.bool force
)
```

## Parameters

*datasource*

The new datasource.

*newDisplayMember*

The new datamember.

*force*

True to force a new binding.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)  
[Frame Members](#)

*ShouldSerializeCaptionHeight Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function ShouldSerializeCaptionHeight() As System.Boolean
```

C#

```
protected virtual System.bool ShouldSerializeCaptionHeight()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)  
[Frame Members](#)

*ShouldSerializeRowHeight Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Function ShouldSerializeRowHeight() As System.Boolean
```

C#

```
protected virtual System.bool ShouldSerializeRowHeight()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*ShouldSerializeSplitDividerSize Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Function ShouldSerializeSplitDividerSize() As System.Boolean</pre>	
C#	
<pre>protected virtual System.bool ShouldSerializeSplitDividerSize()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*ShouldSerializeVisualStyle Method*

Tests whether [VisualStyle](#) should be serialized.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Function ShouldSerializeVisualStyle() As System.Boolean</pre>	
C#	

```
protected virtual System.bool ShouldSerializeVisualStyle()
```

## Return Value

True if [VisualStyle](#) should be serialized, false otherwise.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*WndProc Method*

Processes Windows messages.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub WndProc( _
    ByRef m As System.Windows.Forms.Message _
)
```

C#

```
protected override void WndProc(
    ref System.Windows.Forms.Message m
)
```

### Parameters

*m*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### Properties

For a list of all members of this type, see [Frame members](#).

## Public Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleDescription</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AccessibleRole</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowDrop</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">AllowFilter</a>	Gets or sets a value indicating the ability of the grid to automatically filter data.
	<a href="#">AllowInactiveStyle</a>	Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus.
	<a href="#">AllowSort</a>	Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked.
	<a href="#">Anchor</a>	(Inherited from System.Windows.Forms.Control)

	<a href="#">AutoScrollOffset</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackColor</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImage</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayout</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BindingContext</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BorderStyle</a>	Gets or sets the border for the control.
	<a href="#">Bottom</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Bounds</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CanFocus</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CanSelect</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Caption</a>	Gets or sets the grid's caption.
	<a href="#">CaptionHeight</a>	Gets or sets the height of the grid's caption.
	<a href="#">Capture</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidation</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientRectangle</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSize</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CompanyName</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Container</a>	(Inherited from System.ComponentModel.Component)

 <a href="#">ContainsFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenu</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ContextMenuStrip</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Controls</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Created</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Cursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataBindings</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DataMember</a>	Gets or sets the specific data member in a multimember data source that the grid binds to.
 <a href="#">DataSource</a>	Gets or sets the source containing a list of values used to populate the items within the control.
 <a href="#">DisplayRectangle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Disposing</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Dock</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DoubleBuffer</a>	Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker.
 <a href="#">Enabled</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">FlatStyle</a>	Gets or sets the general appearance of 3D elements for the entire grid.
 <a href="#">Focused</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Font</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ForeColor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Handle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">HasChildren</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Height</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">InvokeRequired</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsAccessible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsDisposed</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsHandleCreated</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">IsMirrored</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LayoutEngine</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Left</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Location</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Margin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Name</a>	(Inherited from System.Windows.Forms.Control)

 <a href="#">Padding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Parent</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">PreferredSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductName</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ProductVersion</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RecreatingHandle</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Region</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Renderer</a>	Gets or sets the renderer used to render visual styles.
 <a href="#">Right</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RightToLeft</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">RowCount</a>	Gets the number of rows in an unbound grid.
 <a href="#">RowHeight</a>	Gets or sets the height of grid rows.
 <a href="#">Rows</a>	Gets the DataRowCollection for an unbound grid.
 <a href="#">ScrollTrack</a>	Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved.
 <a href="#">Site</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Size</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">SplitDividerSize</a>	

 <a href="#">TabIndex</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TabStop</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Tag</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Text</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Top</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">TopLevelControl</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">UseColumnStyles</a>	Gets or sets a value indicating whether Style information is applied from the datasource.
 <a href="#">UseWaitCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Visible</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">VisualStyle</a>	Gets or sets a value that determines the overall appearance of the control.
 <a href="#">Width</a>	(Inherited from System.Windows.Forms.Control)

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## Protected Properties

	Name	Description
 <a href="#">CanEnableIme</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CanRaiseEvents</a>	(Inherited from System.Windows.Forms.Control)	
 <a href="#">CreateParams</a>	Overridden.	

 <a href="#">DefaultCursor</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultImeMode</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMargin</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMaximumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultMinimumSize</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultPadding</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">DefaultSize</a>	Overridden. Gets the default size of the control.
 <a href="#">DesignMode</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">DoubleBuffered</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Events</a>	(Inherited from System.ComponentModel.Component)
 <a href="#">FontHeight</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ImeModeBase</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ResizeRedraw</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">ScaleChildren</a>	(Inherited from System.Windows.Forms.Control)

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## See Also

### Reference

[Frame Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*AllowFilter Property*

Gets or sets a value indicating the ability of the grid to automatically filter data.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<LayoutAttribute()>
<C1DescriptionAttribute("Specifies if the grid should automatically filter data
in the filter bar.")>
<System.ComponentModel.LocalizableAttribute(True)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property AllowFilter As System.Boolean
```

C#

```
[C1CategoryAttribute("Behavior")]
[LayoutAttribute()]
[C1DescriptionAttribute("Specifies if the grid should automatically filter data
in the filter bar.")]
[System.ComponentModel.LocalizableAttribute(true)]
[System.ComponentModel.DefaultValueAttribute()]
public System.bool AllowFilter {get; set;}
```

## Remarks

If True, and if the Filter Bar is active, the grid will automatically filter data.

If False, the grid will fire the [C1.Win.C1TrueDBGrid.C1TrueDBGrid.Filter](#) event.

If the [FilterBar](#) property is true and the user attempts to filter column data, the grid will automatically filter the column data according to the value in the Filter Bar.

If False, the [C1.Win.C1TrueDBGrid.C1TrueDBGrid.Filter](#) event allows the application to filter the data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*AllowInactiveStyle Property*

Gets or sets a value indicating whether the InactiveStyle is applied to the grid when it loses focus.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether the
InactiveStyle is applied to the grid when it loses focus.")>
Public Property AllowInactiveStyle As System.Boolean
```

C#

```
[C1CategoryAttribute("Behavior")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether the
InactiveStyle is applied to the grid when it loses focus.")]
public System.bool AllowInactiveStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *AllowSort Property*

Gets or sets a value indicating the ability of the grid to automatically sort data when a column header is clicked.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Specifies if a user is allowed to sort columns.")>
<C1CategoryAttribute("Behavior")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property AllowSort As System.Boolean
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Specifies if a user is allowed to sort columns.")]
[C1CategoryAttribute("Behavior")]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
public System.bool AllowSort {get; set;}
```

## Remarks

If True, and if the [DataView](#) property is set to GroupBy, the grid will automatically filter column data upon grouping action.

If False, the grid will fire the [C1.Win.C1TrueDBGrid.C1TrueDBGrid.Sort](#) event.

If the [DataView](#) property is set to Group By and the user attempts to drag a column header into the grouping area, the grid will automatically sort the column data.

If False, the [C1.Win.C1TrueDBGrid.C1TrueDBGrid.Sort](#) event allows the application to sort the data.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *BorderStyle Property*

Gets or sets the border for the control.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Gets or sets the border for the control.")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
Public Property BorderStyle As System.Windows.Forms.BorderStyle
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Gets or sets the border for the control.")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
public System.Windows.Forms.BorderStyle BorderStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *Caption Property*

Gets or sets the grid's caption.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;C1DescriptionAttribute("Sets or retrieves the grid's caption text.")&gt; &lt;System.ComponentModel.LocalizableAttribute(True)&gt; &lt;LayoutAttribute()&gt; &lt;C1CategoryAttribute("Appearance")&gt; Public Property Caption As System.String</pre>	
C#	
<pre>[System.ComponentModel.DefaultValueAttribute()] [C1DescriptionAttribute("Sets or retrieves the grid's caption text.")] [System.ComponentModel.LocalizableAttribute(true)] [LayoutAttribute()] [C1CategoryAttribute("Appearance")] public System.string Caption {get; set;}</pre>	

## Remarks

For a [C1.Win.C1TrueDBGrid.C1TrueDBGrid](#) control, this property determines the text displayed in the caption bar at the top of the grid.

Setting the Caption property to an empty string for a [C1.Win.C1TrueDBGrid.C1TrueDBGrid](#) control hides its caption bar.

For a [C1.Win.C1TrueDBGrid.C1DataColumn](#) object, this property determines the text displayed in the object's heading area.

Setting the Caption property to an empty string for a [C1.Win.C1TrueDBGrid.C1DataColumn](#) object clears the text in the column's heading area but does not hide the heading. Column captions are only displayed if the grid's [C1.Win.C1TrueDBGrid.C1TrueDBGrid.ColumnHeaders](#) property is set to True.

Setting the Caption property to an empty string for a [C1.Win.C1TrueDBGrid.Split](#) object hides the heading area, even if other splits have non-empty captions.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*CaptionHeight Property*

Gets or sets the height of the grid's caption.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the height of the caption.")>
<C1CategoryAttribute("Appearance")>
<System.ComponentModel.LocalizableAttribute(True)>
<LayoutAttribute()>
Public Property CaptionHeight As System.Integer
```

C#

```
[C1DescriptionAttribute("Sets or retrieves the height of the caption.")]
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.LocalizableAttribute(true)]
[LayoutAttribute()]
public System.int CaptionHeight {get; set;}
```

## Remarks

This property requires that the [Caption](#) property of the grid has a value.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

*CreateParams Property*

## Syntax

Visual Basic (Declaration)

```
Protected Overrides ReadOnly Property CreateParams As  
System.Windows.Forms.CreateParams
```

C#

```
protected override System.Windows.Forms.CreateParams CreateParams {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*DataMember Property*

Gets or sets the specific data member in a multimember data source that the grid binds to.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design  
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,  
PublicKeyToken=b03f5f7f11d50a3a",  
EditorTypeName="System.Windows.Forms.Design.DataMemberListEditor,  
System.Design")>  
<System.ComponentModel.DefaultValueAttribute()>
```

```

<C1DescriptionAttribute("Gets or sets the sub-list of the data source that is
bound to the grid")>
<C1CategoryAttribute("Data")>
Public Property DataMember As System.String

C#
[System.ComponentModel.EditorAttribute(EditorBaseTypeName="System.Drawing.Design
.UITypeEditor, System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Windows.Forms.Design.DataMemberListEditor,
System.Design")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets the sub-list of the data source that is
bound to the grid")]
[C1CategoryAttribute("Data")]
public System.string DataMember {get; set;}

```

## Remarks

This property returns or sets the name of the data member used to populate the grid. Typically, a data member represents a database table or query.

A bound [DataSource](#) can expose multiple sets of data that consumers can bind to. Each set of data is called a data member, and is identified by a unique string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*DataSource Property*

Gets or sets the source containing a list of values used to populate the items within the control.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.AttributeProviderAttribute(TypeName="System.ComponentModel.IListSource, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089", PropertyName="")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("The data source that is bound to the grid")>
<C1CategoryAttribute("Data")>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.Repaint)>
Public Property DataSource As System.Object
```

C#

```
[System.ComponentModel.AttributeProviderAttribute(TypeName="System.ComponentModel.IListSource, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089", PropertyName="")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("The data source that is bound to the grid")]
[C1CategoryAttribute("Data")]
[System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.Repaint)]
public System.Object DataSource {get; set;}
```

## Remarks

The DataSource property specifies the list of values used to bind a [C1.Win.C1TrueDBGrid.C1TrueDBGrid](#) or [C1.Win.C1TrueDBGrid.C1TrueDBDropdown](#) control.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*DefaultSize Property*  
Gets the default size of the control.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>Protected Overrides ReadOnly Property DefaultSize As System.Drawing.Size</pre>	
---	--

C#	
----	--

<pre>protected override System.Drawing.Size DefaultSize {get;}</pre>	
--	--

### Property Value

The default **System.Drawing.Size** of the control.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *DoubleBuffer Property*

Gets or sets a value indicating whether the control should use an off-screen buffer when painting to reduce flicker.

## Syntax

Visual Basic (Declaration)	
----------------------------	--

<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)&gt; &lt;C1DescriptionAttribute("Specifies whether the control should use an off-screen buffer when painting to reduce flicker.")&gt; &lt;System.ComponentModel.BrowsableAttribute(False)&gt; Public Property DoubleBuffer As System.Boolean</pre>	
---	--

C#	
----	--

```
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[C1DescriptionAttribute("Specifies whether the control should use an off-screen
buffer when painting to reduce flicker.")]
[System.ComponentModel.BrowsableAttribute(false)]
public System.bool DoubleBuffer {get; set;}
```

## Remarks

Setting this value to False may cause the grid to flicker when the control is painting.

You may want to set DoubleBuffer to False to increase performance when deploying applications that run on terminal servers.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *FlatStyle Property*

Gets or sets the general appearance of 3D elements for the entire grid.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Controls the 3D look of headers and buttons")>
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1CategoryAttribute("Appearance")>
Public Property FlatStyle As FlatModeEnum
```

### C#

```
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Controls the 3D look of headers and buttons")]
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1CategoryAttribute("Appearance")]
public FlatModeEnum FlatStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*Renderer Property*

Gets or sets the renderer used to render visual styles.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property Renderer As GridRenderer
```

### C#

```
[System.ComponentModel.BrowsableAttribute(false)]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.DefaultValueAttribute()]
public GridRenderer Renderer {get; set;}
```

## Property Value

The renderer.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*RowCount Property*

Gets the number of rows in an unbound grid.

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.BrowsableAttribute(False)>	
Public ReadOnly Property RowCount As System.Integer	
C#	
[System.ComponentModel.BrowsableAttribute(false)]	
public System.int RowCount {get;}	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *RowHeight Property*

Gets or sets the height of grid rows.

## Syntax

### Visual Basic (Declaration)

```
<LayoutAttribute()>
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets/returns height of each row in the grid")>
<C1CategoryAttribute("Appearance")>
Public Property RowHeight As System.Integer
```

### C#

```
[LayoutAttribute()]
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets/returns height of each row in the grid")]
[C1CategoryAttribute("Appearance")]
public System.int RowHeight {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

### *Rows Property*

Gets the DataRowCollection for an unbound grid.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.BrowsableAttribute(False)>
```

<pre>&lt;System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)&gt; Public ReadOnly Property Rows As System.Data.DataRowCollection</pre>	
C#	
<pre>[System.ComponentModel.BrowsableAttribute(false)] [System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)] public System.Data.DataRowCollection Rows {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

#### *ScrollTrack Property*

Gets or sets a value that controls how the grid scrolls when the scroll thumb is moved.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;LayoutAttribute()&gt; &lt;System.ComponentModel.LocalizableAttribute(True)&gt; &lt;C1DescriptionAttribute("Sets or retrieves how the grid scrolls when the scrollbar thumb is moved")&gt; &lt;System.ComponentModel.DefaultValueAttribute()&gt; &lt;C1CategoryAttribute("Behavior")&gt; Public Property ScrollTrack As System.Boolean</pre>	
C#	
<pre>[LayoutAttribute()]</pre>	

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets or retrieves how the grid scrolls when the
scrollbar thumb is moved")]
[System.ComponentModel.DefaultValueAttribute()]
[C1CategoryAttribute("Behavior")]
public System.bool ScrollTrack {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*SplitDividerSize Property*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Appearance")>
<C1DescriptionAttribute("Controls the height and width of Split Borders.")>
<LayoutAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)>
Public Property SplitDividerSize As System.Drawing.Size
```

C#	
----	--

```
[C1CategoryAttribute("Appearance")]
[C1DescriptionAttribute("Controls the height and width of Split Borders.")]
[LayoutAttribute()]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Visible)]
public System.Drawing.Size SplitDividerSize {get; set;}
```

## Property Value

The size of the split divider.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

*UseColumnStyles Property*

Gets or sets a value indicating whether Style information is applied from the datasource.

## Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Appearance")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute("Gets or sets a value indicating whether Style
information is applied from the datasource.")>
Public Property UseColumnStyles As System.Boolean
```

C#

```
[C1CategoryAttribute("Appearance")]
[System.ComponentModel.DefaultValueAttribute()]
[C1DescriptionAttribute("Gets or sets a value indicating whether Style
information is applied from the datasource.")]
public System.bool UseColumnStyles {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Frame Class](#)

[Frame Members](#)

### *VisualStyle Property*

Gets or sets a value that determines the overall appearance of the control.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets a value that determines the overall  
appearance of the control.")>  
<System.ComponentModel.CategoryAttribute("Appearance")>  
<System.ComponentModel.BrowsableAttribute(True)>  
Public Property VisualStyle As VisualStyle
```

C#

```
[C1DescriptionAttribute("Gets or sets a value that determines the overall  
appearance of the control.")]  
[System.ComponentModel.CategoryAttribute("Appearance")]  
[System.ComponentModel.BrowsableAttribute(true)]  
public VisualStyle VisualStyle {get; set;}
```

## Remarks

This property allows you to quickly customize the appearance of the grid so it matches the appearance of your application.

The settings available include **System**, various Microsoft Office color schemes, and **Custom**, which relies on the controls standard styles and appearance properties.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

[Reference](#)

[Frame Class](#)

[Frame Members](#)

### *Events*

For a list of all members of this type, see [Frame members](#).

## Public Events

	Name	Description
	<a href="#">BackColorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BackgroundImageLayoutChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">BindingContextChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CausesValidationChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ChangeUICues</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Click</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ClientSizeChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ContextMenuStripChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ControlAdded</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">ControlRemoved</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">CursorChanged</a>	(Inherited from System.Windows.Forms.Control)
	<a href="#">Disposed</a>	(Inherited from System.ComponentModel.Component)

 DockChanged	(Inherited from System.Windows.Forms.Control)
 DoubleClick	(Inherited from System.Windows.Forms.Control)
 DragDrop	(Inherited from System.Windows.Forms.Control)
 DragEnter	(Inherited from System.Windows.Forms.Control)
 DragLeave	(Inherited from System.Windows.Forms.Control)
 DragOver	(Inherited from System.Windows.Forms.Control)
 EnabledChanged	(Inherited from System.Windows.Forms.Control)
 Enter	(Inherited from System.Windows.Forms.Control)
 FontChanged	(Inherited from System.Windows.Forms.Control)
 ForeColorChanged	(Inherited from System.Windows.Forms.Control)
 GiveFeedback	(Inherited from System.Windows.Forms.Control)
 GotFocus	(Inherited from System.Windows.Forms.Control)
 HandleCreated	(Inherited from System.Windows.Forms.Control)
 HandleDestroyed	(Inherited from System.Windows.Forms.Control)
 HelpRequested	(Inherited from System.Windows.Forms.Control)
 ImeModeChanged	(Inherited from System.Windows.Forms.Control)
 Invalidated	(Inherited from System.Windows.Forms.Control)
 KeyDown	(Inherited from System.Windows.Forms.Control)

 <a href="#">KeyPress</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">KeyUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Layout</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Leave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LocationChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">LostFocus</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MarginChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseCaptureChanged</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDoubleClick</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseDown</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseEnter</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseHover</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseLeave</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseMove</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseUp</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">MouseWheel</a>	(Inherited from System.Windows.Forms.Control)
 <a href="#">Move</a>	(Inherited from System.Windows.Forms.Control)

 PaddingChanged	(Inherited from System.Windows.Forms.Control)
 Paint	(Inherited from System.Windows.Forms.Control)
 ParentChanged	(Inherited from System.Windows.Forms.Control)
 PreviewKeyDown	(Inherited from System.Windows.Forms.Control)
 QueryAccessibilityHelp	(Inherited from System.Windows.Forms.Control)
 QueryContinueDrag	(Inherited from System.Windows.Forms.Control)
 RegionChanged	(Inherited from System.Windows.Forms.Control)
 Resize	(Inherited from System.Windows.Forms.Control)
 RightToLeftChanged	(Inherited from System.Windows.Forms.Control)
 SizeChanged	(Inherited from System.Windows.Forms.Control)
 StyleChanged	(Inherited from System.Windows.Forms.Control)
 SystemColorsChanged	(Inherited from System.Windows.Forms.Control)
 TabIndexChanged	(Inherited from System.Windows.Forms.Control)
 TabStopChanged	(Inherited from System.Windows.Forms.Control)
 TextChanged	(Inherited from System.Windows.Forms.Control)
 Validated	(Inherited from System.Windows.Forms.Control)
 Validating	(Inherited from System.Windows.Forms.Control)
 VisibleChanged	(Inherited from System.Windows.Forms.Control)

 VisualStyleChanged	Occurs when visual style property has been changed.
--	---

[Top](#)

## See Also

### Reference

[Frame Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*VisualStyleChanged Event*

Occurs when visual style property has been changed.

### Syntax

Visual Basic (Declaration)	
----------------------------	--

```
<C1CategoryAttribute("Property Changed")>
<C1DescriptionAttribute("Occurs when visual style property has been changed.")>
Public Event VisualStyleChanged As System.EventHandler
```

C#	
----	--

```
[C1CategoryAttribute("Property Changed")]
[C1DescriptionAttribute("Occurs when visual style property has been changed.")]
public event System.EventHandler VisualStyleChanged
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Frame Class](#)

[Frame Members](#)

[View](#)

Base class for splits.

# Object Model

View

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>  
Public Class View
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]  
public class View
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.BaseGrid.View**  
[C1.Win.C1TrueDBGrid.Split](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Members](#)  
[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*Overview*

Base class for splits.

## Object Model

[View](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class View
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]
```

```
public class View
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.BaseGrid.View**

C1.Win.C1TrueDBGrid.Split

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Members](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [View](#).

## Public Properties

	Name	Description
	<a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split.
	<a href="#">FilterDefinition</a>	Gets or sets an XML string containing the current filter state.

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## Public Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the view.
	<a href="#">ToString</a>	Returns the string that represents the current object.

[Top](#)

## Protected Methods

	Name	Description
	<a href="#">BeginVerticalResizing</a>	
	<a href="#">NotifyRowColChange</a>	

[Top](#)

## See Also

### Reference

[View Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### Methods

For a list of all members of this type, see [View members](#).

## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the view.
=	<a href="#">ToString</a>	Returns the string that represents the current object.

[Top](#)

## Protected Methods

	Name	Description
=	<a href="#">BeginVerticalResizing</a>	
=	<a href="#">NotifyRowColChange</a>	

[Top](#)

## See Also

### Reference

[View Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*BeginVerticalResizing Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overridable Sub BeginVerticalResizing( _     ByVal p As System.Drawing.Point _ )</pre>	
C#	
<pre>protected virtual void BeginVerticalResizing(     System.Drawing.Point p )</pre>	

### Parameters

p

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

#### *Dispose Method*

Releases the resources used by the view.

## Overload List

Overload	Description
<a href="#">Dispose()</a>	Releases the resources used by the view.
<a href="#">Dispose(Boolean)</a>	Releases the resources used by the view.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

#### *Dispose() Method*

Releases the resources used by the view.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Dispose()
```

C#

```
public void Dispose()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

[Overload List](#)

[Dispose\(Boolean\) Method](#)

Releases the resources used by the view.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overridable Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
public virtual void Dispose(
    System.bool disposing
)
```

### Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

[Overload List](#)

*NotifyRowColChange Method*

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub NotifyRowColChange( _
    ByVal row As System.Integer, _
    ByVal col As System.Integer _
)
```

C#

```
protected virtual void NotifyRowColChange(
    System.int row,
    System.int col
)
```

### Parameters

*row*

*col*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)  
[View Members](#)

### *ToString Method*

Returns the string that represents the current object.

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)  
[View Members](#)

### Properties

For a list of all members of this type, see [View members](#).

## Public Properties

	Name	Description
	<a href="#">BorderStyle</a>	Gets or sets the type of border rendered for a split.
	<a href="#">FilterDefinition</a>	Gets or sets an XML string containing the current filter state.

[Top](#)

## See Also

## Reference

[View Class](#)

C1.Win.C1TrueDBGrid.BaseGrid Namespace

### *BorderStyle Property*

Gets or sets the type of border rendered for a split.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Determines how the borders of a split is rendered.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property BorderStyle As System.Windows.Forms.Border3DStyle
```

C#

```
[C1DescriptionAttribute("Determines how the borders of a split is rendered.")]
[System.ComponentModel.DefaultValueAttribute()]
public System.Windows.Forms.Border3DStyle BorderStyle {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

### *FilterDefinition Property*

Gets or sets an XML string containing the current filter state.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Gets or sets an XML string containing the current
```

```

filter state.">
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
<C1CategoryAttribute("Behavior")>
Public Property FilterDefinition As System.String

```

C#	
----	--

```

[C1DescriptionAttribute("Gets or sets an XML string containing the current
filter state.")]
[System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializ
ationVisibility.Hidden)]
[System.ComponentModel.BrowsableAttribute(false)]
[C1CategoryAttribute("Behavior")]
public System.string FilterDefinition {get; set;}

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[View Class](#)

[View Members](#)

[ViewRow](#)

Represents a row in a split.

## Object Model

[ViewRow](#)

## Syntax

Visual Basic (Declaration)	
----------------------------	--

Public Class ViewRow	
----------------------	--

C#

```
public class ViewRow
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.BaseGrid.ViewRow**

[C1.Win.C1TrueDBGrid.GroupRow](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Members](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*Overview*

Represents a row in a split.

## Object Model

ViewRow

## Syntax

Visual Basic (Declaration)

```
Public Class ViewRow
```

C#

```
public class ViewRow
```

## Inheritance Hierarchy

System.Object

### C1.Win.C1TrueDBGrid.BaseGrid.ViewRow

[C1.Win.C1TrueDBGrid.GroupRow](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Members](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [ViewRow](#).

## Public Properties

	Name	Description
	<a href="#">RowIndex</a>	Gets index of the row in data source.
	<a href="#">Height</a>	Gets or sets the height of a row.
	<a href="#">RowType</a>	Gets the type of row.
	<a href="#">Visible</a>	Gets or sets the visibility of a row.
	<a href="#">Width</a>	Gets or sets the width of a row.

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## Public Methods

	Name	Description

 <a href="#">AutoSize</a>	Adjust the size of the row to fully display cell data.
--	--

[Top](#)

## See Also

### Reference

[ViewRow Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

#### Methods

For a list of all members of this type, see [ViewRow members](#).

## Public Methods

	Name	Description
 <a href="#">AutoSize</a>		Adjust the size of the row to fully display cell data.

[Top](#)

## See Also

### Reference

[ViewRow Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

#### AutoSize Method

Adjust the size of the row to fully display cell data.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub AutoSize()</pre>	
C#	
<pre>public void AutoSize()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Class](#)

[ViewRow Members](#)

### Properties

For a list of all members of this type, see [ViewRow members](#).

## Public Properties

	Name	Description
	<a href="#">RowIndex</a>	Gets index of the row in data source.
	<a href="#">Height</a>	Gets or sets the height of a row.
	<a href="#">RowType</a>	Gets the type of row.
	<a href="#">Visible</a>	Gets or sets the visibility of a row.
	<a href="#">Width</a>	Gets or sets the width of a row.

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## See Also

### Reference

[ViewRow Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### *RowIndex Property*

#### Example

Gets index of the row in data source.

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property DataRowIndex As System.Integer
```

C#

```
public System.int DataRowIndex {get;}
```

## Remarks

Returns -1 if there is not corresponding data row. For example, for a group row.

Use DataRowIndex property to translate view row index to data row index.

## Example

- [C#](#)

```
private void c1TrueDBGrid1_FetchCellStyle(object sender,
C1.Win.C1TrueDBGrid.FetchCellStyleEventArgs e)
{
    ViewRow row = this.c1TrueDBGrid1.Splits[0].Rows[e.Row];
    if (row.RowType == RowTypeEnum.DataRow)
    {
        bool val = (bool)this.c1TrueDBGrid1[row.DataRowIndex, 3];
        if (val == true)
            e.CellStyle.BackColor = Color.Red;
    }
}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Class](#)

[ViewRow Members](#)

*Height Property*

Gets or sets the height of a row.

## Syntax

Visual Basic (Declaration)

```
Public Property Height As System.Integer
```

C#

```
public System.int Height {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Class](#)

[ViewRow Members](#)

*RowType Property*

Gets the type of row.

## Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute("Type of row that this object represents")>
Public Overridable ReadOnly Property RowType As RowTypeEnum
```

C#

```
[C1DescriptionAttribute("Type of row that this object represents")]
public virtual RowTypeEnum RowType {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[ViewRow Class](#)

[ViewRow Members](#)

### *Visible Property*

Gets or sets the visibility of a row.

## Syntax

Visual Basic (Declaration)

```
Public Property Visible As System.Boolean
```

C#

```
public System.bool Visible {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Class](#)

[ViewRow Members](#)

### *Width Property*

Gets or sets the width of a row.

## Syntax

Visual Basic (Declaration)

```
Public Property Width As System.Integer
```

C#

```
public System.int Width {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRow Class](#)

[ViewRow Members](#)

[ViewRowList](#)

Represents a collection of ViewRow objects.

## Object Model

[ViewRowList](#)

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class ViewRowList
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class ViewRowList : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object

    System.Collections.CollectionBase

**C1.Win.C1TrueDBGrid.BaseGrid.ViewRowList**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRowList Members](#)  
[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### Overview

Represents a collection of ViewRow objects.

## Object Model

ViewRowList

## Syntax

Visual Basic (Declaration)

```
<System.Reflection.DefaultMemberAttribute("Item")>
Public Class ViewRowList
    Inherits System.Collections.CollectionBase
```

C#

```
[System.Reflection.DefaultMemberAttribute("Item")]
public class ViewRowList : System.Collections.CollectionBase
```

## Inheritance Hierarchy

System.Object  
System.Collections.CollectionBase  
**C1.Win.C1TrueDBGrid.BaseGrid.ViewRowList**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRowList Members](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

#### *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [ViewRowList](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Gets or sets the <a href="#">ViewRow</a> at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## Public Methods

	Name	Description
	<a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
!	<a href="#">OnClear</a>	Overridden.
!	<a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnRemove</a>	Overridden.
!	<a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)
!	<a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

### Reference

[ViewRowList Class](#)

[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

### Methods

For a list of all members of this type, see [ViewRowList members](#).

## Public Methods

	Name	Description

 <a href="#">Clear</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">GetEnumerator</a>	(Inherited from System.Collections.CollectionBase)
 <a href="#">RemoveAt</a>	(Inherited from System.Collections.CollectionBase)

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## Protected Methods

	Name	Description
 <a href="#">OnClear</a>	Overridden.	
 <a href="#">OnClearComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsert</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnInsertComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnRemove</a>	Overridden.	
 <a href="#">OnRemoveComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSet</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnSetComplete</a>	(Inherited from System.Collections.CollectionBase)	
 <a href="#">OnValidate</a>	(Inherited from System.Collections.CollectionBase)	

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## See Also

### Reference

[ViewRowList Class](#)  
[C1.Win.C1TrueDBGrid.BaseGrid Namespace](#)

*OnClear Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnClear()</pre>	
C#	
<pre>protected override void OnClear()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRowList Class](#)

[ViewRowList Members](#)

*OnRemove Method*

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnRemove( _</pre>	
<pre>    ByVal index As System.Integer, _</pre>	
<pre>    ByVal value As System.Object _</pre>	
)	
C#	
<pre>protected override void OnRemove(</pre>	
<pre>    System.int index,</pre>	
<pre>    System.object value</pre>	
)	

## Parameters

*index*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRowList Class](#)

[ViewRowList Members](#)

### Properties

For a list of all members of this type, see [ViewRowList members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Count</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">Item</a>	Gets or sets the <a href="#">ViewRow</a> at the specified index.

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## Protected Properties

	Name	Description
	<a href="#">InnerList</a>	(Inherited from System.Collections.CollectionBase)
	<a href="#">List</a>	(Inherited from System.Collections.CollectionBase)

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## See Also

## Reference

[ViewRowList Class](#)

C1.Win.C1TrueDBGrid.BaseGrid Namespace

### *Item Property*

Gets or sets the [ViewRow](#) at the specified index.

## Syntax

Visual Basic (Declaration)

```
Public Default Property Item( _
    ByVal index As System.Integer _
) As ViewRow
```

C#

```
public ViewRow this[  
    System.int index  
]; {get; set;}
```

### Parameters

*index*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[ViewRowList Class](#)

[ViewRowList Members](#)

[C1.Win.C1TrueDBGrid.Design Namespace](#)

### *Overview*

### Classes

	Class	Description
 <a href="#">LayoutAttribute</a>		Attribute used to specify which properties get serialized when saving layouts.
 <a href="#">PropBagAttribute</a>		Attribute used to specify which properties get serialized when saving layouts.

## See Also

### Reference

[C1.Win.C1TrueDBGrid.4 Assembly](#)

### Classes

[LayoutAttribute](#)

Attribute used to specify which properties get serialized when saving layouts.

## Object Model

[LayoutAttribute](#)

## Syntax

Visual Basic (Declaration)

```
Public Class LayoutAttribute
    Inherits System.Attribute
```

C#

```
public class LayoutAttribute : System.Attribute
```

## Inheritance Hierarchy

[System.Object](#)

[System.Attribute](#)

**C1.Win.C1TrueDBGrid.Design.LayoutAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LayoutAttribute Members](#)

[C1.Win.C1TrueDBGrid.Design Namespace](#)

### Overview

Attribute used to specify which properties get serialized when saving layouts.

## Object Model

LayoutAttribute

## Syntax

Visual Basic (Declaration)

```
Public Class LayoutAttribute  
    Inherits System.Attribute
```

C#

```
public class LayoutAttribute : System.Attribute
```

## Inheritance Hierarchy

System.Object

    System.Attribute

**C1.Win.C1TrueDBGrid.Design.LayoutAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LayoutAttribute Members](#)

[C1.Win.C1TrueDBGrid.Design Namespace](#)

## *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [LayoutAttribute](#).

## Public Constructors

	Name	Description
= 	<a href="#">LayoutAttribute Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">TypeId</a>	(Inherited from System.Attribute)

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## Public Methods

	Name	Description
= 	<a href="#">Equals</a>	(Inherited from System.Attribute)
= 	<a href="#">GetHashCode</a>	(Inherited from System.Attribute)
= 	<a href="#">IsDefaultAttribute</a>	(Inherited from System.Attribute)
= 	<a href="#">Match</a>	(Inherited from System.Attribute)

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## See Also

### Reference

[LayoutAttribute Class](#)  
[C1.Win.C1TrueDBGrid.Design Namespace](#)

*LayoutAttribute Constructor*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public LayoutAttribute()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LayoutAttribute Class](#)

[LayoutAttribute Members](#)

[PropBagAttribute](#)

Attribute used to specify which properties get serialized when saving layouts.

## Object Model

[PropBagAttribute](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Class PropBagAttribute</pre>	
<pre>    Inherits System.Attribute</pre>	
C#	
<pre>public class PropBagAttribute : System.Attribute</pre>	

## Inheritance Hierarchy

System.Object

System.Attribute

**C1.Win.C1TrueDBGrid.Design.PropBagAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PropBagAttribute Members](#)

[C1.Win.C1TrueDBGrid.Design Namespace](#)

### Overview

Attribute used to specify which properties get serialized when saving layouts.

## Object Model

PropBagAttribute

## Syntax

Visual Basic (Declaration)

```
Public Class PropBagAttribute  
    Inherits System.Attribute
```

C#

```
public class PropBagAttribute : System.Attribute
```

## Inheritance Hierarchy

System.Object

System.Attribute

**C1.Win.C1TrueDBGrid.Design.PropBagAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PropBagAttribute Members](#)  
[C1.Win.C1TrueDBGrid.Design Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [PropBagAttribute](#).

## Public Constructors

	Name	Description
=	<a href="#">PropBagAttribute Constructor</a>	

[Top](#)

## Public Properties

	Name	Description
	<a href="#">TypeId</a>	(Inherited from System.Attribute)

[Top](#)

## Public Methods

	Name	Description
=	<a href="#">Equals</a>	(Inherited from System.Attribute)
=	<a href="#">GetHashCode</a>	(Inherited from System.Attribute)
=	<a href="#">IsDefaultAttribute</a>	(Inherited from System.Attribute)

	Match	(Inherited from System.Attribute)
Top		

## See Also

### Reference

[PropBagAttribute Class](#)  
[C1.Win.C1TrueDBGrid.Design Namespace](#)

*PropBagAttribute Constructor*

### Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public PropBagAttribute()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[PropBagAttribute Class](#)  
[PropBagAttribute Members](#)

[C1.Win.C1TrueDBGrid.Styles Namespace](#)

*Overview*

### Enumerations

	Enumeration	Description

 DrawCellFlags	Specifies which elements of the cell should be drawn by the grid.
---	---

## See Also

### Reference

[C1.Win.C1TrueDBGrid.4 Assembly](#)

### Enumerations

#### DrawCellFlags

Specifies which elements of the cell should be drawn by the grid.

## Syntax

Visual Basic (Declaration)	
<System.FlagsAttribute()>	
<b>Public Enum</b> DrawCellFlags	
<b>Inherits</b> System.Enum	
C#	
[System.FlagsAttribute()]	
<b>public enum</b> DrawCellFlags : System.Enum	

## Members

Member	Description
<b>All</b>	Draw all cell elements (background, border, and contents).
<b>Background</b>	Draw the cell background.
<b>Border</b>	Draw the cell border.
<b>Content</b>	Draw the cell content (text, images, checkboxes, etc).
<b>None</b>	Draw nothing.

## Remarks

This enumeration is used when rendering owner-drawn cells.

## Inheritance Hierarchy

```
System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.Styles.DrawCellFlags
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid.Styles Namespace](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Overview

## Classes

	Class	Description
	<a href="#">GridLines</a>	Represents the line used for row and column dividers.
	<a href="#">GridLinesTypeConverter</a>	TypeConverter for the GridLines object.
	<a href="#">HBar</a>	Represents a horizontal scrollbar.
	<a href="#">NumberFormatTypeEditor</a>	
	<a href="#">SBar</a>	Base class for the grid's scrollbars
	<a href="#">SplitDivider</a>	

 VBar	Represents a vertical scrollbar.
--	----------------------------------

## See Also

### Reference

[C1.Win.C1TrueDBGrid.4 Assembly](#)

### Classes

#### GridLines

Represents the line used for row and column dividers.

## Object Model

GridLines

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.Util.GridLine
sTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
<System.ComponentModel.LocalizableAttribute(True)>
```

```
Public Class GridLines
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.Util.GridLine
sTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]

```

```
[System.ComponentModel.LocalizableAttribute(true)]

```

```
public class GridLines
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.GridLines**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLines Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Overview

Represents the line used for row and column dividers.

## Object Model

GridLines

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.Util.GridLine
sTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")>
<System.ComponentModel.LocalizableAttribute(True)>
```

```
Public Class GridLines
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.Util.GridLine
sTypeConverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,
PublicKeyToken=75ae3fb0e2b1e0da")]
[System.ComponentModel.LocalizableAttribute(true)]
```

```
public class GridLines
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.GridLines**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLines Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*Members*

*Properties*

The following tables list the members exposed by [GridLines](#).

## Public Constructors

	Name	Description
	<a href="#">GridLines Constructor</a>	Creates a new instance of this object.

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## Public Properties

	Name	Description
	<a href="#">Color</a>	Gets or sets the color of lines used for row and column dividers.
	<a href="#">Style</a>	Gets or sets the style of lines used for row and column dividers.

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## See Also

### Reference

[GridLines Class](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*GridLines Constructor*

Creates a new instance of this object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public GridLines()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLines Class](#)

[GridLines Members](#)

#### *Properties*

For a list of all members of this type, see [GridLines members](#).

## Public Properties

	Name	Description
	<a href="#">Color</a>	Gets or sets the color of lines used for row and column dividers.
	<a href="#">Style</a>	Gets or sets the style of lines used for row and column dividers.

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## See Also

### Reference

[GridLines Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### *Color Property*

Gets or sets the color of lines used for row and column dividers.

## Syntax

### Visual Basic (Declaration)

```
<System.ComponentModel.LocalizableAttribute(True)>
<C1DescriptionAttribute("Sets or retrieves the color of the line.")>
Public Property Color As System.Drawing.Color
```

### C#

```
[System.ComponentModel.LocalizableAttribute(true)]
[C1DescriptionAttribute("Sets or retrieves the color of the line.")]
public System.Drawing.Color Color {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLines Class](#)

[GridLines Members](#)

### *Style Property*

Gets or sets the style of lines used for row and column dividers.

## Syntax

### Visual Basic (Declaration)

```
<C1DescriptionAttribute("Sets or retrieves the style of the line.")>
<System.ComponentModel.LocalizableAttribute(True)>
Public Property Style As LineStyleEnum
```

### C#

```
[C1DescriptionAttribute("Sets or retrieves the style of the line.")]
[System.ComponentModel.LocalizableAttribute(true)]
public LineStyleEnum Style {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLines Class](#)

[GridLines Members](#)

[GridLinesTypeConverter](#)

TypeConverter for the GridLines object.

## Object Model

[GridLinesTypeConverter](#)

## Syntax

Visual Basic (Declaration)

```
Public Class GridLinesTypeConverter
    Inherits System.ComponentModel.ExpandableObjectConverter
```

C#

```
public class GridLinesTypeConverter :
    System.ComponentModel.ExpandableObjectConverter
```

## Inheritance Hierarchy

System.Object

  System.ComponentModel.TypeConverter

    System.ComponentModel.ExpandableObjectConverter

**C1.Win.C1TrueDBGrid.Util.GridLinesTypeConverter**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Overview

TypeConverter for the GridLines object.

## Object Model

GridLinesTypeConverter

## Syntax

Visual Basic (Declaration)

```
Public Class GridLinesTypeConverter  
    Inherits System.ComponentModel.ExpandableObjectConverter
```

C#

```
public class GridLinesTypeConverter :  
System.ComponentModel.ExpandableObjectConverter
```

## Inheritance Hierarchy

```
System.Object  
  System.ComponentModel.TypeConverter  
    System.ComponentModel.ExpandableObjectConverter  
      C1.Win.C1TrueDBGrid.Util.GridLinesTypeConverter
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### Members

##### Methods

The following tables list the members exposed by [GridLinesTypeConverter](#).

## Public Constructors

	Name	Description
=	<a href="#">GridLinesTypeConverter Constructor</a>	

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## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. Overridden.
=	<a href="#">CanConvertTo</a>	Overloaded. Overridden.
=	<a href="#">ConvertFrom</a>	Overloaded. Overridden.
=	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

= 	<a href="#">ConvertTo</a>	Overloaded. Overridden.
= 	<a href="#">ConvertInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">fromStr</a>	Froms the STR.
= 	<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetProperties</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
= 	<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
= 	<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
◆	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
◆	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
◆	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*GridLinesTypeConverter Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public GridLinesTypeConverter()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[GridLinesTypeConverter Members](#)

### Methods

For a list of all members of this type, see [GridLinesTypeConverter members](#).

## Public Methods

	Name	Description
=	<a href="#">CanConvertFrom</a>	Overloaded. Overridden.
=	<a href="#">CanConvertTo</a>	Overloaded. Overridden.
=	<a href="#">ConvertFrom</a>	Overloaded. Overridden.
=	<a href="#">ConvertFromInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertFromString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertTo</a>	Overloaded. Overridden.
=	<a href="#">ConvertToInvariantString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">ConvertToString</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">CreateInstance</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">fromStr</a>	Froms the STR.
=	<a href="#">GetCreateInstanceSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
=	<a href="#">GetProperties</a>	Overloaded. (Inherited from

		System.ComponentModel.ExpandableObjectConverter)
= 	<a href="#">GetPropertiesSupported</a>	Overloaded. (Inherited from System.ComponentModel.ExpandableObjectConverter)
= 	<a href="#">GetStandardValues</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesExclusive</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetStandardValuesSupported</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">IsValid</a>	Overloaded. (Inherited from System.ComponentModel.TypeConverter)

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## Protected Methods

	Name	Description
= 	<a href="#">GetConvertFromException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">GetConvertToException</a>	(Inherited from System.ComponentModel.TypeConverter)
= 	<a href="#">SortProperties</a>	(Inherited from System.ComponentModel.TypeConverter)

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## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*CanConvertFrom* Method

## Overload List

Overload	Description
<a href="#">CanConvertFrom(ITypeDescriptorContext, Type)</a>	
<a href="#">CanConvertFrom(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

[CanConvertFrom\(ITypeDescriptorContext, Type\) Method](#)

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function CanConvertFrom( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal sourceType As System.Type _
) As System.Boolean
```

C#

```
public override System.bool CanConvertFrom(
    System.ComponentModel.ITypeDescriptorContext context,
    System.Type sourceType
)
```

## Parameters

*context*

*sourceType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

[Overload List](#)

*CanConvertTo Method*

## Overload List

Overload	Description
<a href="#">CanConvertTo(ITypeDescriptorContext,Type)</a>	
<a href="#">CanConvertTo(Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

CanConvertTo(ITypeDescriptorContext,Type) Method

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function CanConvertTo( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal destinationType As System.Type _ ) As System.Boolean</pre>	
C#	
<pre>public override System.bool CanConvertTo(     System.ComponentModel.ITypeDescriptorContext context,     System.Type destinationType )</pre>	

### Parameters

*context*

*destinationType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[GridLinesTypeConverter Members](#)  
[Overload List](#)

*ConvertFrom Method*

## Overload List

Overload	Description
----------	-------------

ConvertFrom(ITypeDescriptorContext,CultureInfo,Object) )	
ConvertFrom(Object)	(Inherited from System.ComponentModel.TypeConverter )

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[GridLinesTypeConverter Members](#)

[ConvertFrom\(ITypeDescriptorContext,CultureInfo,Object\) Method](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function ConvertFrom( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal culture As System.Globalization.CultureInfo, _     ByVal value As System.Object _ ) As System.Object</pre>	
C#	
<pre>public override System.Object ConvertFrom(     System.ComponentModel.ITypeDescriptorContext context,     System.Globalization.CultureInfo culture,     System.Object value )</pre>	

## Parameters

*context*

*culture*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

[Overload List](#)

*ConvertTo Method*

## Overload List

Overload	Description
<a href="#">ConvertTo(ITypeDescriptorContext,CultureInfo,Object,Type)</a>	
<a href="#">ConvertTo(Object,Type)</a>	(Inherited from System.ComponentModel.TypeConverter)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

ConvertTo(ITypeDescriptorContext,CultureInfo,Object,Type) Method

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function ConvertTo( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext, _
    ByVal culture As System.Globalization.CultureInfo, _
    ByVal value As System.Object, _
    ByVal destinationType As System.Type _
) As System.Object
```

C#

```
public override System.Object ConvertTo(
    System.ComponentModel.ITypeDescriptorContext context,
    System.Globalization.CultureInfo culture,
    System.Object value,
    System.Type destinationType
)
```

## Parameters

*context*

*culture*

*value*

*destinationType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)  
[GridLinesTypeConverter Members](#)  
[Overload List](#)

### *fromStr Method*

The STR.

Froms the STR.

## Syntax

Visual Basic (Declaration)	
<pre>Public Sub fromStr( _     ByVal str As System.String _ )</pre>	
C#	
<pre>public void fromStr(     System.string str )</pre>	

### Parameters

*str*

The STR.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[GridLinesTypeConverter Class](#)

[GridLinesTypeConverter Members](#)

HBar

Represents a horizontal scrollbar.

## Object Model

HBar

## Syntax

Visual Basic (Declaration)	
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")> Public Class HBar Inherits SBar	
C#	
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral, PublicKeyToken=75ae3fb0e2b1e0da")] public class HBar : SBar	

## Inheritance Hierarchy

System.Object  
[C1.Win.C1TrueDBGrid.Util.SBar](#)  
**C1.Win.C1TrueDBGrid.Util.HBar**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[HBar Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### *Overview*

Represents a horizontal scrollbar.

## Object Model

HBar

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class HBar  
    Inherits SBar
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]
```

```
public class HBar : SBar
```

## Inheritance Hierarchy

System.Object

C1.Win.C1TrueDBGrid.Util.SBar

**C1.Win.C1TrueDBGrid.Util.HBar**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

HBar Members

C1.Win.C1TrueDBGrid.Util Namespace

*Members*

Properties Methods

The following tables list the members exposed by [HBar](#).

## Public Constructors

	Name	Description
=	<a href="#">HBar Constructor</a>	Initializes a new instance of the VBar class.

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## Public Properties

	Name	Description
≡	<a href="#">Height</a>	Gets or sets the height of the horizontal scrollbar.
≡	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
≡	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )

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## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
=	<a href="#">ToString</a>	Returns a string that represents the current object.

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## Protected Methods

	Name	Description
≡	<a href="#">OnScroll</a>	Overridden. Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

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## See Also

### Reference

[HBar Class](#)

C1.Win.C1TrueDBGrid.Util Namespace

*HBar Constructor*

Initializes a new instance of the VBar class.

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal owner As View _
)
```

C#

```
public HBar(
    View owner
)
```

### Parameters

*owner*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[HBar Class](#)

[HBar Members](#)

*Methods*

For a list of all members of this type, see [HBar members](#).

## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
=	<a href="#">ToString</a>	Returns a string the represents the current object.

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## Protected Methods

	Name	Description
=	<a href="#">OnScroll</a>	Overridden. Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

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## See Also

### Reference

[HBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### *OnScroll Method*

Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

## Syntax

Visual Basic (Declaration)	
<pre>Protected Overrides Sub OnScroll( _     ByVal sender As System.Object, _     ByVal e As System.Windows.Forms.ScrollEventArgs _ )</pre>	
C#	

```
protected override void OnScroll(
    System.Object sender,
    System.Windows.Forms.ScrollEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[HBar Class](#)

[HBar Members](#)

### *ToString Method*

Returns a string the represents the current object.

## Syntax

Visual Basic (Declaration)

```
Public Overrides Function ToString() As System.String
```

C#

```
public override System.String ToString()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[HBar Class](#)

[HBar Members](#)

### Properties

For a list of all members of this type, see [HBar members](#).

## Public Properties

	Name	Description
	<a href="#">Height</a>	Gets or sets the height of the horizontal scrollbar.
	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )

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## See Also

### Reference

[HBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Height Property

Gets or sets the height of the horizontal scrollbar.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Height As System.Integer</pre>	
C#	
<pre>public System.int Height {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[HBar Class](#)

[HBar Members](#)

[NumberFormatTypeEditor](#)

## Object Model

[NumberFormatTypeEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class NumberFormatTypeEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public class NumberFormatTypeEditor : System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

System.Object

    System.Drawing.Design.UITypeEditor

**C1.Win.C1TrueDBGrid.Util.NumberFormatTypeEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*Overview*

## Object Model

[NumberFormatTypeEditor](#)

## Syntax

Visual Basic (Declaration)

```
Public Class NumberFormatTypeEditor  
    Inherits System.Drawing.Design.UITypeEditor
```

C#

```
public class NumberFormatTypeEditor : System.Drawing.Design.UITypeEditor
```

## Inheritance Hierarchy

System.Object  
    System.Drawing.Design.UITypeEditor  
        **C1.Win.C1TrueDBGrid.Util.NumberFormatTypeEditor**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*Members*  
[Properties](#) [Methods](#)

The following tables list the members exposed by [NumberFormatTypeEditor](#).

## Public Constructors

	Name	Description
=	<a href="#">NumberFormatTypeEditor Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">IsDropDownResizable</a>	(Inherited from System.Drawing.Design.UITypeEditor)

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## Public Methods

	Name	Description
=	<a href="#">EditValue</a>	Overloaded. Overridden.
=	<a href="#">GetEditStyle</a>	Overloaded. Overridden.
=	<a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)
=	<a href="#">OnListBoxClick</a>	
=	<a href="#">PaintValue</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

*NumberFormatTypeEditor Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public NumberFormatTypeEditor()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

#### Methods

>

Name	Description
 <a href="#">EditValue</a>	Overloaded. Overridden.
 <a href="#">GetEditTextStyle</a>	Overloaded. Overridden.
 <a href="#">GetPaintValueSupported</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)
 <a href="#">OnListBoxClick</a>	
 <a href="#">PaintValue</a>	Overloaded. (Inherited from System.Drawing.Design.UITypeEditor)

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## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

*EditValue* Method

## Overload List

Overload	Description
<a href="#">EditValue(ITypeDescriptorContext,IServiceProvider,Object)</a>	
<a href="#">EditValue(IServiceProvider,Object)</a>	(Inherited from System.Drawing.Design.UITypeEditor)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

[EditValue\(ITypeDescriptorContext,IServiceProvider,Object\) Method](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Overrides Function EditValue( _     ByVal context As System.ComponentModel.ITypeDescriptorContext, _     ByVal provider As System.IServiceProvider, _     ByVal value As System.Object _ ) As System.Object</pre>	
C#	
<pre>public override System.Object EditValue(     System.ComponentModel.ITypeDescriptorContext context,     System.IServiceProvider provider,     System.Object value )</pre>	

## Parameters

*context*

*provider*

*value*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

[Overload List](#)

*GetEditText Method*

## Overload List

Overload	Description
<a href="#">GetEditText(ITypeDescriptorContext)</a>	
<a href="#">GetEditText()</a>	(Inherited from System.Drawing.Design.UITypeEditor)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

GetEditStyle(ITypeDescriptorContext) Method

## Syntax

Visual Basic (Declaration)

```
Public Overloads Overrides Function GetEditStyle( _
    ByVal context As System.ComponentModel.ITypeDescriptorContext _ 
) As System.Drawing.Design.UITypeEditorEditStyle
```

C#

```
public override System.Drawing.Design.UITypeEditorEditStyle GetEditStyle(
    System.ComponentModel.ITypeDescriptorContext context
)
```

## Parameters

*context*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

[Overload List](#)

*OnListBoxClick Method*

## Syntax

Visual Basic (Declaration)

```
Public Sub OnListBoxClick( _
    ByVal sender As System.Object, _
    ByVal e As System.EventArgs _ 
)
```

C#

```
public void OnListBoxClick(
    System.Object sender,
    System.EventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[NumberFormatTypeEditor Class](#)

[NumberFormatTypeEditor Members](#)

SBar

Base class for the grid's scrollbars

## Object Model

SBar

## Syntax

Visual Basic (Declaration)

```
Public Class SBar
```

C#

```
public class SBar
```

## Inheritance Hierarchy

System.Object

### C1.Win.C1TrueDBGrid.Util.SBar

[C1.Win.C1TrueDBGrid.Util.HBar](#)

[C1.Win.C1TrueDBGrid.Util.VBar](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

SBar Members

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Overview

Base class for the grid's scrollbars

## Object Model

SBar

## Syntax

Visual Basic (Declaration)	
<pre>Public Class SBar</pre>	
C#	
<pre>public class SBar</pre>	

## Inheritance Hierarchy

System.Object

### C1.Win.C1TrueDBGrid.Util.SBar

[C1.Win.C1TrueDBGrid.Util.HBar](#)

[C1.Win.C1TrueDBGrid.Util.VBar](#)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Members](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [SBar](#).

### Public Constructors

	Name	Description
=	<a href="#">SBar Constructor</a>	Initializes a new instance of the SBar class

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### Public Properties

	Name	Description
	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars.
	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed.

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### Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class.

[Top](#)

## Protected Methods

	Name	Description
	<a href="#">OnScroll</a>	Occurs when the scroll box has been moved by either a mouse or keyboard action.

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## See Also

### Reference

[SBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

*SBar Constructor*

Initializes a new instance of the SBar class

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal owner As View, _     ByVal sbar As System.Windows.Forms.ScrollBar _ )</pre>	
C#	
<pre>public SBar(     View owner,     System.Windows.Forms.ScrollBar sbar )</pre>	

### Parameters

*owner*

*sbar*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Class](#)

[SBar Members](#)

### Methods

For a list of all members of this type, see [SBar members](#).

## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class.

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## Protected Methods

	Name	Description
!	<a href="#">OnScroll</a>	Occurs when the scroll box has been moved by either a mouse or keyboard action.

[Top](#)

## See Also

### Reference

[SBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Dispose Method

Overloaded. Releases the resources used by the class.

## Syntax

Visual Basic (Declaration)

```
Public Overridable Sub Dispose( _
    ByVal disposing As System.Boolean _
)
```

C#

```
public virtual void Dispose(
    System.bool disposing
)
```

## Parameters

*disposing*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Class](#)

[SBar Members](#)

*OnScroll Method*

Occurs when the scroll box has been moved by either a mouse or keyboard action.

## Syntax

Visual Basic (Declaration)

```
Protected Overridable Sub OnScroll( _
    ByVal sender As System.Object, _
    ByVal e As System.Windows.Forms.ScrollEventArgs _
)
```

C#

```
protected virtual void OnScroll(
    System.Object sender,
    System.Windows.Forms.ScrollEventArgs e
)
```

## Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Class](#)

[SBar Members](#)

### Properties

For a list of all members of this type, see [SBar members](#).

## Public Properties

	Name	Description
	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars.
	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed.

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## See Also

### Reference

[SBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### *Style Property*

Gets or sets the visibility of the scrollbars.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Style As ScrollBarStyleEnum</pre>	
C#	
<pre>public ScrollBarStyleEnum Style {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Class](#)

[SBar Members](#)

### *Visible Property*

Gets or sets a value indicating whether the scrollbar is displayed.

## Syntax

Visual Basic (Declaration)	
<pre>&lt;System.ComponentModel.BrowsableAttribute(False)&gt; Public Property Visible As System.Boolean</pre>	
C#	
<pre>[System.ComponentModel.BrowsableAttribute(false)] public System.bool Visible {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SBar Class](#)

[SBar Members](#)

[SplitDivider](#)

## Object Model

[SplitDivider](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
Public Class SplitDivider
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
public class SplitDivider
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.SplitDivider**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitDivider Members](#)  
[C1.Win.C1TrueDBGrid.Util Namespace](#)

*Overview*

## Object Model

[SplitDivider](#)

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
Public Class SplitDivider
```

C#

```
[System.ComponentModel.TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
public class SplitDivider
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.SplitDivider**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## SplitDivider Members

C1.Win.C1TrueDBGrid.Util Namespace

### Members

#### Properties

The following tables list the members exposed by [SplitDivider](#).

## Public Constructors

	Name	Description
	<a href="#">SplitDivider Constructor</a>	Initializes a new instance of the <a href="#">SplitDivider</a> class.

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## Public Properties

	Name	Description
	<a href="#">Border3DStyle</a>	Gets or sets the border3D style.
	<a href="#">Width</a>	Gets or sets the width.

[Top](#)

## See Also

### Reference

[SplitDivider Class](#)

C1.Win.C1TrueDBGrid.Util Namespace

#### *SplitDivider Constructor*

Initializes a new instance of the [SplitDivider](#) class.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	

C#

```
public SplitDivider()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitDivider Class](#)

[SplitDivider Members](#)

*Properties*

>

Name	Description
 <a href="#">Border3DStyle</a>	Gets or sets the border3D style.
 <a href="#">Width</a>	Gets or sets the width.

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## See Also

### Reference

[SplitDivider Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

*Border3DStyle Property*

Gets or sets the border3D style.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
Public Property Border3DStyle As System.Windows.Forms.Border3DStyle
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
public System.Windows.Forms.Border3DStyle Border3DStyle {get; set;}
```

## Property Value

The border3D style.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitDivider Class](#)

[SplitDivider Members](#)

*Width Property*

Gets or sets the width.

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
Public Property Width As System.Integer
```

C#

```
[System.ComponentModel.DefaultValueAttribute()]
public System.int Width {get; set;}
```

## Property Value

The width.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[SplitDivider Class](#)

[SplitDivider Members](#)

VBar

Represents a vertical scrollbar.

## Object Model

VBar

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class VBar  
    Inherits SBar
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]
```

```
public class VBar : SBar
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.Util.SBar](#)

**C1.Win.C1TrueDBGrid.Util.VBar**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Members](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### Overview

Represents a vertical scrollbar.

## Object Model

VBar

## Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")>
```

```
Public Class VBar  
    Inherits SBar
```

C#

```
[System.ComponentModel.TypeConverterAttribute("C1.Win.C1TrueDBGrid.GenericTypeCo  
nverter, C1.Win.C1TrueDBGrid.4, Version=4.0.20131.61303, Culture=neutral,  
PublicKeyToken=75ae3fb0e2b1e0da")]
```

```
public class VBar : SBar
```

## Inheritance Hierarchy

System.Object

[C1.Win.C1TrueDBGrid.Util.SBar](#)

**C1.Win.C1TrueDBGrid.Util.VBar**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Members](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [VBar](#).

## Public Constructors

	Name	Description
	<a href="#">VBar Constructor</a>	Initializes a new instance of the VBar class.

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## Public Properties

	Name	Description
	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
	<a href="#">Width</a>	Gets or sets the width of the vertical scrollbar.

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## Public Methods

	Name	Description
--	------	-------------

≡	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
≡	<a href="#">ToString</a>	Returns a string the represents the current object.

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## Protected Methods

	Name	Description
≡	<a href="#">OnScroll</a>	Overridden. Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

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## See Also

### Reference

[VBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### *VBar Constructor*

Initializes a new instance of the VBar class.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal owner As View _ )</pre>	
C#	
<pre>public VBar(     View owner )</pre>	

### Parameters

*owner*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Class](#)

[VBar Members](#)

### Methods

For a list of all members of this type, see [VBar members](#).

## Public Methods

	Name	Description
=	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the class. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
=	<a href="#">ToString</a>	Returns a string the represents the current object.

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## Protected Methods

	Name	Description
=	<a href="#">OnScroll</a>	Overridden. Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

[Top](#)

## See Also

### Reference

[VBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

#### *OnScroll Method*

Overloaded. Occurs when the scroll box has been moved by either a mouse or keyboard action.

## Syntax

Visual Basic (Declaration)

```
Protected Overrides Sub OnScroll( _
    ByVal sender As System.Object, _
    ByVal e As System.Windows.Forms.ScrollEventArgs _)
)
```

C#

```
protected override void OnScroll(
    System.Object sender,
    System.Windows.Forms.ScrollEventArgs e
)
```

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Class](#)

[VBar Members](#)

#### *ToString Method*

Returns a string the represents the current object.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	
<pre>public override System.string ToString()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Class](#)

[VBar Members](#)

### Properties

For a list of all members of this type, see [VBar members](#).

## Public Properties

	Name	Description
	<a href="#">Style</a>	Gets or sets the visibility of the scrollbars. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
	<a href="#">Visible</a>	Gets or sets a value indicating whether the scrollbar is displayed. (Inherited from <a href="#">C1.Win.C1TrueDBGrid.Util.SBar</a> )
	<a href="#">Width</a>	Gets or sets the width of the vertical scrollbar.

[Top](#)

## See Also

## Reference

[VBar Class](#)

[C1.Win.C1TrueDBGrid.Util Namespace](#)

### *Width Property*

Gets or sets the width of the vertical scrollbar.

## Syntax

Visual Basic (Declaration)

```
Public Property Width As System.Integer
```

C#

```
public System.int Width {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[VBar Class](#)

[VBar Members](#)

[C1.Win.C1TrueDBGrid.Util.Localization Namespace](#)

### *Overview*

## Enumerations

	Enumeration	Description
 Language		Specifies the language to be used for localizing the control.

## See Also

### Reference

***Enumerations*****Language**

Specifies the language to be used for localizing the control.

**Syntax**

Visual Basic (Declaration)	
<pre>Public Enum Language     Inherits System.Enum</pre>	
C#	
<pre>public enum Language : System.Enum</pre>	

**Members**

Member	Description
<b>Arabic</b>	Localize the control to Arabic.
<b>Chinese</b>	Localize the control to Chinese (simplified).
<b>Czech</b>	Localize the control to Czech.
<b>Danish</b>	Localize the control to Danish.
<b>Default</b>	Localize the control to the language specified by the CurrentUICulture.
<b>Dutch</b>	Localize the control to Dutch.
<b>English</b>	Localize the control to English.
<b>Finnish</b>	Localize the control to Finnish.
<b>French</b>	Localize the control to French.

<b>German</b>	Localize the control to German.
<b>Greek</b>	Localize the control to Greek.
<b>Hebrew</b>	Localize the control to Hebrew.
<b>Italian</b>	Localize the control to Italian.
<b>Japanese</b>	Localize the control to Japanese.
<b>Norwegian</b>	Localize the control to Norwegian.
<b>Polish</b>	Localize the control to Polish.
<b>Portuguese</b>	Localize the control to Portuguese.
<b>Russian</b>	Localize the control to Russian.
<b>Slovak</b>	Localize the control to Slovak.
<b>Spanish</b>	Localize the control to Spanish.
<b>Swedish</b>	Localize the control to Swedish.
<b>Turkish</b>	Localize the control to Turkish.

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
      C1.Win.C1TrueDBGrid.Util.Localization.Language

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid.Util.Localization Namespace](#)

**[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)**

### Overview

## Classes

	Class	Description
 <a href="#">C1Stack</a>		Simple stack with indexed access, based on System.Collections.ArrayList
 <a href="#">CollectionElementTypeAttribute</a>		This attribute allows to specify collection's element type name (in that case there is no need to store it).
 <a href="#">LongOpInProgressArgs</a>		
 <a href="#">MemberTypeEncoderHelper</a>		Helper class for implementors of IMemberTypeEncoder
 <a href="#">Pair</a>		General purpose pair class. (Should be moved to gp utils.)
 <a href="#">Serializer</a>		Serializes and deserializes objects into and from XML.
 <a href="#">Serializer.C1TypeDescriptorContext.CreateInstance</a>		
 <a href="#">TypeSerializationAttribute</a>		Forces the serializer to serialize the type name of a property or field

## Interfaces

	Interface	Description
∞	<a href="#">IMemberTypeEncoder</a>	<p>This interface is used to allow objects and collection to serialize types of their members in a custom way. If a collection implements this interface, <code>TypeToString</code> is invoked during serialization of collection items, and for all items for which it returns a non-null string, that string is used as the element name of the item. If a class implements this interface, AND a member of that class has attribute <code>TypeNameSerialization.Custom</code>, AND does not have attribute <code>XmlAttribute</code> (i.e. is serialized as an element), <code>TypeToString</code> is invoked on the owner when that member is serialized, and if that returns a non-null string, that string is used as the value of <code>TypeName</code> attribute. When deserializing a collection which implements this interface, <code>StringToType</code> is invoked for each new item in the collection, and if that returns a non-null type, that type is used to create the item. Otherwise, <code>TypeNameSerialization</code> attribute is used. When deserializing a class which implements this interface, <code>StringToType</code> is invoked on that class for members with <code>TypeNameSerialization.Custom</code> attribute set.</p>
∞	<a href="#">IOnLongOpInProgressProvider</a>	Interface used to provide feedback and the ability to cancel potentially long operations

## Delegates

	Delegate	Description
📝	<a href="#">LongOpInProgressHandler</a>	

## Enumerations

	Enumeration	Description

	TypeSerialization	Determines how item types are serialized
---	-------------------	--

## See Also

### Reference

[C1.Win.C1TrueDBGrid.4 Assembly](#)

### Classes

[C1Stack](#)

Simple stack with indexed access, based on System.Collections.ArrayList

## Object Model

C1Stack

## Syntax

Visual Basic (Declaration)	
<pre>Public Class C1Stack     Inherits System.Collections.ArrayList</pre>	
C#	
<pre>public class C1Stack : System.Collections.ArrayList</pre>	

## Inheritance Hierarchy

```
System.Object
  System.Collections.ArrayList
    C1.Win.C1TrueDBGrid.Util.Xml.Serialization.C1Stack
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

## C1Stack Members

### C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

#### *Overview*

Simple stack with indexed access, based on System.Collections.ArrayList

## Object Model

C1Stack

## Syntax

Visual Basic (Declaration)	
<pre>Public Class C1Stack     Inherits System.Collections.ArrayList</pre>	
C#	
<pre>public class C1Stack : System.Collections.ArrayList</pre>	

## Inheritance Hierarchy

System.Object

    System.Collections.ArrayList

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.C1Stack**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

#### C1Stack Members

#### C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

#### *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [C1Stack](#).

## Public Constructors

	Name	Description
=	<a href="#">C1Stack Constructor</a>	

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## Public Properties

	Name	Description
[+]	<a href="#">Capacity</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">Count</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">IsEmpty</a>	
[+]	<a href="#">IsFixedSize</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">IsReadOnly</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">IsSynchronized</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">Item</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">Length</a>	
[+]	<a href="#">SyncRoot</a>	(Inherited from System.Collections.ArrayList)
[+]	<a href="#">Top</a>	

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## Public Methods

	Name	Description

= 	<a href="#">Add</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">AddRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">BinarySearch</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">Clear</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Clone</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Contains</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">CopyTo</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">GetEnumerator</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">GetRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">IndexOf</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">Insert</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">InsertRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">IsIndexInBounds</a>	
= 	<a href="#">LastIndexOf</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">Peek</a>	
= 	<a href="#">Pop</a>	
= 	<a href="#">Push</a>	
= 	<a href="#">Remove</a>	(Inherited from System.Collections.ArrayList)

= 	<a href="#">RemoveAt</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">RemoveRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Reverse</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">SetRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Sort</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">ToArray</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">TrimToSize</a>	(Inherited from System.Collections.ArrayList)

[Top](#)

## See Also

### Reference

[C1Stack Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*C1Stack Constructor*

### Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public C1Stack()</code>	

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[C1Stack Class](#)

[C1Stack Members](#)

### Methods

For a list of all members of this type, see [C1Stack members](#).

## Public Methods

	Name	Description
=	<a href="#">Add</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">AddRange</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">BinarySearch</a>	Overloaded. (Inherited from System.Collections.ArrayList)
=	<a href="#">Clear</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">Clone</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">Contains</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">CopyTo</a>	Overloaded. (Inherited from System.Collections.ArrayList)
=	<a href="#">GetEnumerator</a>	Overloaded. (Inherited from System.Collections.ArrayList)
=	<a href="#">GetRange</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">IndexOf</a>	Overloaded. (Inherited from System.Collections.ArrayList)
=	<a href="#">Insert</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">InsertRange</a>	(Inherited from System.Collections.ArrayList)
=	<a href="#">IsIndexInBounds</a>	

= 	<a href="#">LastIndexOf</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">Peek</a>	
= 	<a href="#">Pop</a>	
= 	<a href="#">Push</a>	
= 	<a href="#">Remove</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">RemoveAt</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">RemoveRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Reverse</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">SetRange</a>	(Inherited from System.Collections.ArrayList)
= 	<a href="#">Sort</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">ToArray</a>	Overloaded. (Inherited from System.Collections.ArrayList)
= 	<a href="#">TrimToSize</a>	(Inherited from System.Collections.ArrayList)

[Top](#)

## See Also

### Reference

[C1Stack Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*IsIndexInBounds Method*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function IsIndexInBounds( _
    ByVal idx As System.Integer _
) As System.Boolean
```

C#

```
public System.bool IsIndexInBounds(
    System.int idx
)
```

## Parameters

*idx*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

*Peek Method*

## Syntax

Visual Basic (Declaration)

```
Public Function Peek() As System.Object
```

C#

```
public System.object Peek()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

*Pop Method*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function Pop() As System.Object</pre>	
C#	
<pre>public System.Object Pop()</pre>	

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

*Push Method*

### Syntax

Visual Basic (Declaration)	
<pre>Public Sub Push( _</pre>	
<pre>    ByVal o As System.Object _</pre>	
<pre>)</pre>	
C#	
<pre>public void Push(</pre>	

```
System.Object o  
)
```

## Parameters

o

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

### Properties

For a list of all members of this type, see [C1Stack members](#).

## Public Properties

	Name	Description
	<a href="#">Capacity</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">Count</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">IsEmpty</a>	
	<a href="#">IsFixedSize</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">IsReadOnly</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">IsSynchronized</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">Item</a>	(Inherited from System.Collections.ArrayList)

	<a href="#">Length</a>	
	<a href="#">SyncRoot</a>	(Inherited from System.Collections.ArrayList)
	<a href="#">Top</a>	

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## See Also

### Reference

[C1Stack Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*IsEmpty Property*

## Syntax

Visual Basic (Declaration)	
<code>Public ReadOnly Property IsEmpty As System.Boolean</code>	
C#	
<code>public System.bool IsEmpty {get;}</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)  
[C1Stack Members](#)

*Length Property*

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Length As System.Integer
```

C#

```
public System.int Length {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

*Top Property*

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property Top As System.Object
```

C#

```
public System.object Top {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1Stack Class](#)

[C1Stack Members](#)

## CollectionElementTypeAttribute

This attribute allows to specify collection's element type name (in that case there is no need to store it).

# Object Model

## CollectionElementTypeAttribute

### Syntax

Visual Basic (Declaration)

```
<System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property Or _  
    AttributeTargets.Field,  
    AllowMultiple=False,  
    Inherited=True)>  
Public Class CollectionElementTypeAttribute  
    Inherits System.Attribute
```

C#

```
[System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property |  
    AttributeTargets.Field,  
    AllowMultiple=false,  
    Inherited=true)]  
public class CollectionElementTypeAttribute : System.Attribute
```

### Inheritance Hierarchy

System.Object

    System.Attribute

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.CollectionElementTypeAttribute**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[CollectionElementTypeAttribute Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Overview

This attribute allows to specify collection's element type name (in that case there is no need to store it).

## Object Model

[CollectionElementTypeAttribute](#)

## Syntax

Visual Basic (Declaration)

```
<System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property Or _  
    AttributeTargets.Field,  
    AllowMultiple=False,  
    Inherited=True)>  
Public Class CollectionElementTypeAttribute  
    Inherits System.Attribute
```

C#

```
[System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property |  
    AttributeTargets.Field,  
    AllowMultiple=false,  
    Inherited=true)]  
public class CollectionElementTypeAttribute : System.Attribute
```

## Inheritance Hierarchy

System.Object

System.Attribute

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.CollectionElementTypeAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CollectionElementTypeAttribute Members](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

#### *Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [CollectionElementTypeAttribute](#).

## Public Constructors

	Name	Description
=	<a href="#">CollectionElementTypeAttribute Constructor</a>	

[Top](#)

## Public Properties

	Name	Description
=	<a href="#">CollectionElementType</a>	
=	<a href="#">TypeId</a>	(Inherited from System.Attribute)

[Top](#)

## Public Methods

	Name	Description
=	<a href="#">Equals</a>	(Inherited from System.Attribute)
=	<a href="#">GetHashCode</a>	(Inherited from System.Attribute)
=	<a href="#">IsDefaultAttribute</a>	(Inherited from System.Attribute)

 Match	(Inherited from System.Attribute)
Top	

## See Also

### Reference

[CollectionElementTypeAttribute Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*CollectionElementTypeAttribute Constructor*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal type As System.Type _</pre>	
)	
C#	
<pre>public CollectionElementTypeAttribute(     System.Type type )</pre>	

<pre>Public Function New( _     ByVal type As System.Type _</pre>	
)	
C#	
<pre>public CollectionElementTypeAttribute(     System.Type type )</pre>	

### Parameters

*type*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CollectionElementTypeAttribute Class](#)  
[CollectionElementTypeAttribute Members](#)

## *Properties*

>

Name	Description
 CollectionElementType	
 <a href="#">TypeId</a>	(Inherited from System.Attribute)

[Top](#)

## See Also

### Reference

[CollectionElementTypeAttribute Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*CollectionElementType Property*

### Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property CollectionElementType As System.Type
```

C#

```
public System.Type CollectionElementType {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[CollectionElementTypeAttribute Class](#)

[CollectionElementTypeAttribute Members](#)

[LongOpInProgressArgs](#)

## Object Model

## LongOpInProgressArgs

### Syntax

Visual Basic (Declaration)

```
Public Class LongOpInProgressArgs  
    Inherits System.EventArgs
```

C#

```
public class LongOpInProgressArgs : System.EventArgs
```

### Inheritance Hierarchy

System.Object

    System.EventArgs

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.LongOpInProgressArgs**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

#### Reference

[LongOpInProgressArgs Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Overview*

### Object Model

## LongOpInProgressArgs

### Syntax

Visual Basic (Declaration)

```
Public Class LongOpInProgressArgs
```

**Inherits** System.EventArgs

C#

```
public class LongOpInProgressArgs : System.EventArgs
```

## Inheritance Hierarchy

System.Object

System.EventArgs

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.LongOpInProgressArgs**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LongOpInProgressArgs Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

*Fields*

The following tables list the members exposed by [LongOpInProgressArgs](#).

## Public Constructors

	Name	Description
=♡	<a href="#">LongOpInProgressArgs Constructor</a>	

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## Public Fields

	Name	Description
--	------	-------------

 CancelIfPossible	
--	--

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## See Also

### Reference

[LongOpInProgressArgs Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*LongOpInProgressArgs Constructor*

### Syntax

Visual Basic (Declaration)

```
Public Function New()
```

C#

```
public LongOpInProgressArgs()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LongOpInProgressArgs Class](#)  
[LongOpInProgressArgs Members](#)

*Fields*

For a list of all members of this type, see [LongOpInProgressArgs members](#).

## Public Fields

	Name	Description
--	------	-------------

 <a href="#">CancelIfPossible</a>	
--	--

[Top](#)

## See Also

### Reference

[LongOpInProgressArgs Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*CancelIfPossible Field*

## Syntax

Visual Basic (Declaration)

```
Public CancelIfPossible As System.Boolean
```

C#

```
public System.bool CancelIfPossible
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LongOpInProgressArgs Class](#)  
[LongOpInProgressArgs Members](#)

[MemberTypeEncoderHelper](#)  
Helper class for implementors of IMemberTypeEncoder

## Object Model

[MemberTypeEncoderHelper](#)

## Syntax

Visual Basic (Declaration)

```
Public Class MemberTypeEncoderHelper  
    Implements IMemberTypeEncoder
```

C#

```
public class MemberTypeEncoderHelper : IMemberTypeEncoder
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.MemberTypeEncoderHelper**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

MemberTypeEncoderHelper Members

C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

### Overview

Helper class for implementors of IMemberTypeEncoder

## Object Model

MemberTypeEncoderHelper

## Syntax

Visual Basic (Declaration)

```
Public Class MemberTypeEncoderHelper  
    Implements IMemberTypeEncoder
```

C#

```
public class MemberTypeEncoderHelper : IMemberTypeEncoder
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.MemberTypeEncoderHelper**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[MemberTypeEncoderHelper Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

[Methods](#)

The following tables list the members exposed by [MemberTypeEncoderHelper](#).

## Public Constructors

	Name	Description
	<a href="#">MemberTypeEncoderHelper Constructor</a>	

[Top](#)

## Public Methods

	Name	Description
	<a href="#">StringToType</a>	
	<a href="#">TypeToString</a>	

[Top](#)

## See Also

### Reference

[MemberTypeEncoderHelper Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*MemberTypeEncoderHelper Constructor*

### Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal namedTypes(,) As System.Object _
)
```

C#

```
public MemberTypeEncoderHelper(
    System.object[,] namedTypes
)
```

### Parameters

*namedTypes*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[MemberTypeEncoderHelper Class](#)  
[MemberTypeEncoderHelper Members](#)

*Methods*

>

Name	Description
------	-------------

= [StringToType](#)

= [TypeToString](#)

[Top](#)

## See Also

### Reference

[MemberTypeEncoderHelper Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*StringToType Method*

### Syntax

Visual Basic (Declaration)	
<pre>Public Function StringToType( _     ByVal str As System.String _ ) As System.Type</pre>	
C#	
<pre>public System.Type StringToType(     System.string str )</pre>	

### Parameters

*str*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[MemberTypeEncoderHelper Class](#)  
[MemberTypeEncoderHelper Members](#)

*TypeToString Method*

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Function TypeToString( _
    ByVal o As System.Object _
) As System.String
```

C#	
----	--

```
public System.string TypeToString(
    System.object o
)
```

### Parameters

*o*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[MemberTypeEncoderHelper Class](#)

[MemberTypeEncoderHelper Members](#)

Pair

General purpose pair class. (Should be moved to gp utils.)

## Object Model

Pair

## Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Class Pair
```

C#

```
public class Pair
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Pair**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

Pair Members

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Overview*

General purpose pair class. (Should be moved to gp utils.)

## Object Model

Pair

## Syntax

```
Visual Basic (Declaration)
```

```
Public Class Pair
```

C#

```
public class Pair
```

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Pair**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

[Properties](#)

The following tables list the members exposed by [Pair](#).

### Public Constructors

	Name	Description
	<a href="#">Pair Constructor</a>	Overloaded.

[Top](#)

### Public Properties

	Name	Description
	<a href="#">First</a>	
	<a href="#">Second</a>	

[Top](#)

## See Also

### Reference

[Pair Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Pair Constructor*

## Overload List

Overload	Description
<a href="#">Pair Constructor()</a>	
<a href="#">Pair Constructor(Object, Object)</a>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Class](#)

[Pair Members](#)

*Pair Constructor()*

## Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public Pair()</code>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Class](#)

[Pair Members](#)

[Overload List](#)

*Pair Constructor(Object, Object)*

## Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal first As System.Object, _
    ByVal second As System.Object _
)
```

C#

```
public Pair(
    System.object first,
    System.object second
)
```

### Parameters

*first*

*second*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Class](#)

[Pair Members](#)

[Overload List](#)

## *Properties*

>

Name	Description
 First	
 Second	

Top

## See Also

### Reference

[Pair Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*First Property*

## Syntax

Visual Basic (Declaration)

```
Public Property First As System.Object
```

C#

```
public System.Object First {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Class](#)

[Pair Members](#)

*Second Property*

## Syntax

Visual Basic (Declaration)

```
Public Property Second As System.Object
```

C#

```
public System.Object Second {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Pair Class](#)

[Pair Members](#)

[Serializer](#)

Serializes and deserializes objects into and from XML.

## Object Model

Serializer

## Syntax

Visual Basic (Declaration)

```
Public Class Serializer
```

C#

```
public class Serializer
```

## Remarks

All the methods in this class are static (Shared in Visual Basic). You cannot create an instance of this class.

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Serializer**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

Serializer Members

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Overview

Serializes and deserializes objects into and from XML.

## Object Model

Serializer

## Syntax

Visual Basic (Declaration)

```
Public Class Serializer
```

C#

```
public class Serializer
```

## Remarks

All the methods in this class are static (Shared in Visual Basic). You cannot create an instance of this class.

## Inheritance Hierarchy

System.Object

**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Serializer**

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

[Properties](#) [Methods](#)

The following tables list the members exposed by [Serializer](#).

## Public Constructors

	Name	Description
 <a href="#">Serializer Constructor</a>		

[Top](#)

## Public Properties

	Name	Description
 <a href="#">Formatting</a>		Sets or returns formatting used by the XML writer.
 <a href="#">Indentation</a>		Sets or returns indentation used by the XML writer.
 <a href="#">NonPublic</a>		Sets or returns serialization of non-public properties. If true non-public properties are included, but are hidden by default. Public properties are always visible by default.
 <a href="#">OnLongOpInProgressProvider</a>		Sets or returns the object implementing IOnLongOpInProgressProvider interface (can be used to provide

		visual feedback to the user during serialization).
	<a href="#">SerializeDefaultValues</a>	Gets or sets a value indicating whether all the values are to be persistent.

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## Public Methods

	Name	Description
	<a href="#">Deserialize</a>	Overloaded. Deserializes an XML-document instance
	<a href="#">DeserializeText</a>	Deserializes text of element or attribute into object of appropriate type
	<a href="#">Serialize</a>	Overloaded. Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying objects. Caller is responsible to call out writer.Close() to close writer and underlying stream.

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## See Also

### Reference

[Serializer Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Serializer Constructor*

### Syntax

Visual Basic (Declaration)	
<b>Public Function New()</b>	
C#	
<b>public Serializer()</b>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

### Methods

For a list of all members of this type, see [Serializer members](#).

## Public Methods

	Name	Description
=	<a href="#">Deserialize</a>	Overloaded. Deserializes an XML-document instance
=	<a href="#">DeserializeText</a>	Deserializes text of element or attribute into object of appropriate type
=	<a href="#">Serialize</a>	Overloaded. Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying objects. Caller is responsible to call out writer.Close() to close writer and underlying stream.

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## See Also

### Reference

[Serializer Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Deserialize Method

Deserializes an XML-document instance

## Overload List

Overload	Description
<a href="#">Deserialize(Stream,Type)</a>	Deserializes an XML-document instance
<a href="#">Deserialize(XmlTextReader,Type)</a>	Deserializes an XML-document instance
<a href="#">Deserialize(XmlTextReader,Object,Type,Type)</a>	Deserializes object
<a href="#">Deserialize(String,Type)</a>	Deserializes an XML document string

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Deserialize\(Stream,Type\) Method](#)

The Stream containing the XML-document instance to deserialize

The type of object being deserialized

Deserializes an XML-document instance

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function Deserialize( _     ByVal stream As System.IO.Stream, _     ByVal type As System.Type _ ) As System.Object</pre>	
C#	
<pre>public System.Object Deserialize(</pre>	

```
System.IO.Stream stream,  
System.Type type  
)
```

## Parameters

*stream*

The Stream containing the XML-document instance to deserialize

*type*

The type of object being serialized

## Return Value

The Object being serialized

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Deserialize\(XmlTextReader,Type\) Method](#)

The XmlReader containing the XML-document instance to deserialize

The type of object being serialized

Deserializes an XML-document instance

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function Deserialize( _  
    ByVal reader As System.Xml.XmlTextReader, _
```

```

    ByVal type As System.Type _
) As System.Object

```

C#	
----	--

```

public System.Object Deserialize(
    System.Xml.XmlTextReader reader,
    System.Type type
)

```

## Parameters

*reader*

The XmlReader containing the XML-document instance to deserialize

*type*

The type of object being serialized

## Return Value

The Object being serialized

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Deserialize\(XmlTextReader, Object, Type, Type\) Method](#)

The XmlReader containing the XML-document instance to deserialize

The Object being serialized

The type of object being serialized

The type of array elements (in case the object is an array)

Deserializes object

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function Deserialize( _
    ByVal reader As System.Xml.XmlTextReader, _
    ByVal o As System.Object, _
    ByVal type As System.Type, _
    ByVal elementType As System.Type _
) As System.Object
```

C#

```
public System.Object Deserialize(
    System.Xml.XmlTextReader reader,
    System.Object o,
    System.Type type,
    System.Type elementType
)
```

### Parameters

*reader*

The XmlReader containing the XML-document instance to deserialize

*o*

The Object being serialized

*type*

The type of object being serialized

*elementType*

The type of array elements (in case the object is an array)

### Return Value

The Object being serialized

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)  
[Serializer Members](#)  
[Overload List](#)

Deserialize(String>Type) Method  
Deserializes an XML document string

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function Deserialize( _
    ByVal XMLString As System.String, _
    ByVal type As System.Type _
) As System.Object
```

C#

```
public System.Object Deserialize(
    System.String XMLString,
    System.Type type
)
```

### Parameters

*XMLString*

*type*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

## Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

### *DeserializeText Method*

The XmlReader containing the XML-document instance to deserialize

The type of object being serialized

Deserializes text of element or attribute into object of appropriate type

## Syntax

Visual Basic (Declaration)

```
Public Function DeserializeText( _
    ByVal reader As System.Xml.XmlTextReader, _
    ByVal type As System.Type _
) As System.Object
```

C#

```
public System.Object DeserializeText(
    System.Xml.XmlTextReader reader,
    System.Type type
)
```

## Parameters

*reader*

The XmlReader containing the XML-document instance to deserialize

*type*

The type of object being serialized

## Return Value

The Object being serialized

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

### *Serialize Method*

Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying objects. Caller is responsible to call out writer.Close() to close writer and underlying stream.

## Overload List

Overload	Description
<a href="#">Serialize(Stream, Object, XmlSerializerNamespaces, XmlTextWriter)</a>	Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying

	objects. Caller is responsible to call out writer.Close() to close writer and underlying stream.
<a href="#">Serialize(Stream, Object, XmlSerializerNamespaces)</a>	Serializes the specified Object and writes the XML-document instance to a file using the specified Stream.
<a href="#">Serialize(XmlTextWriter, Object, XmlSerializerNamespaces)</a>	Serializes the specified Object and writes the XML-document instance to a file using the specified

	<b>XmlWriter</b>
<a href="#">Serialize(Stream, Object, MemberInfo, XmlSerializerNamespaces, XmlTextWriter)</a>	<p>Serializes the specified Object and writes the XML-document instance to a file using the specified Stream.</p> <p>DOES NOT close the underlying stream.</p> <p>Useful for copying objects.</p> <p>Caller is responsible to call out writer.Close() to close writer and underlying stream.</p>
<a href="#">Serialize(Stream, Object, MemberInfo, XmlSerializerNamespaces, XmlTextWriter, Attribute[])</a>	
<a href="#">Serialize(Stream, Object, MemberInfo, XmlSerializerNamespaces)</a>	Serializes

	the specified Object and writes the XML-document instance to a file using the specified Stream.
<a href="#">Serialize(XmlTextWriter, Object, MemberInfo, XmlSerializerNamespaces, Attribute[])</a>	Serializes the specified Object and writes the XML-document instance to a file using the specified XmlWriter
<a href="#">Serialize(Object, MemberInfo, XmlSerializerNamespaces)</a>	Serializes the specified object to an XML-formatted string.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

`Serialize(Stream, Object, XmlSerializerNamespaces, XmlTextWriter)` Method

The Stream used to write the XML-document instance

The Object to serialize

The `XmlSerializerNamespaces` referenced by the object

The `XmlWriter` object reference. Call `writer.Close` after working with stream/writer.

Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying objects. Caller is responsible to call out `writer.Close()` to close writer and underlying stream.

## Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub Serialize( _     ByVal stream As System.IO.Stream, _     ByVal o As System.Object, _     ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces, _     ByRef writer As System.Xml.XmlTextWriter _ )</pre>	
C#	
<pre>public void Serialize(     System.IO.Stream stream,     System.Object o,     System.Xml.Serialization.XmlSerializerNamespaces namespaces,     out System.Xml.XmlTextWriter writer )</pre>	

### Parameters

*stream*

The Stream used to write the XML-document instance

*o*

The Object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

*writer*

The XmlWriter object reference. Call writer.Close after working with stream/writer.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Serialize\(Stream, Object, XmlSerializerNamespaces\) Method](#)

The Stream used to write the XML-document instance

The Object to serialize

The XmlSerializerNamespaces referenced by the object

Serializes the specified Object and writes the XML-document instance to a file using the specified Stream.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal stream As System.IO.Stream, _
```

```
    ByVal o As System.Object, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces _
)
```

C#

```
public void Serialize(
    System.IO.Stream stream,
    System.Object o,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces
)
```

## Parameters

*stream*

The Stream used to write the XML-document instance

*o*

The Object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Serialize\(XmlTextWriter, Object, XmlSerializerNamespaces\) Method](#)

The XmlWriter used to write the XML-document instance

The Object to serialize

The XmlSerializerNamespaces referenced by the object

Serializes the specified Object and writes the XML-document instance to a file using the specified XmlWriter

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal writer As System.Xml.XmlTextWriter, _
    ByVal o As System.Object, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces _
)
```

C#

```
public void Serialize(
    System.Xml.XmlTextWriter writer,
    System.Object o,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces
)
```

### Parameters

*writer*

The XmlWriter used to write the XML-document instance

*o*

The Object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)  
[Serializer Members](#)  
[Overload List](#)

`Serialize(Stream, Object, MemberInfo, XmlSerializerNamespaces, XmlTextWriter)` Method

The Stream used to write the XML-document instance

The Object to serialize

The FieldInfo or MemberInfo object context for the object to serialize

The XmlSerializerNamespaces referenced by the object

The XmlWriter object reference. Call writer.Close after working with stream/writer.

Serializes the specified Object and writes the XML-document instance to a file using the specified Stream. DOES NOT close the underlying stream. Useful for copying objects. Caller is responsible to call out writer.Close() to close writer and underlying stream.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal stream As System.IO.Stream, _
    ByVal o As System.Object, _
    ByVal mi As System.Reflection.MemberInfo, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces, _
    ByRef writer As System.Xml.XmlTextWriter _
)
```

C#

```
public void Serialize(
    System.IO.Stream stream,
    System.Object o,
    System.Reflection.MemberInfo mi,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces,
    out System.Xml.XmlTextWriter writer
)
```

## Parameters

*stream*

The Stream used to write the XML-document instance

*o*

The Object to serialize

*mi*

The FieldInfo or MemberInfo object context for the object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

*writer*

The XmlWriter object reference. Call writer.Close after working with stream/writer.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)  
[Serializer Members](#)  
[Overload List](#)

[Serialize\(Stream, Object, MemberInfo, XmlSerializerNamespaces, XmlTextWriter, Attribute\[\]\)](#) Method

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal stream As System.IO.Stream, _
    ByVal o As System.Object, _
    ByVal mi As System.Reflection.MemberInfo, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces, _
    ByRef writer As System.Xml.XmlTextWriter, _
    ByVal filter() As System.Attribute _
```

```

)
C#
public void Serialize(
    System.IO.Stream stream,
    System.Object o,
    System.Reflection.MemberInfo mi,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces,
    out System.Xml.XmlTextWriter writer,
    System.Attribute[] filter
)

```

## Parameters

*stream*

*o*

*mi*

*namespaces*

*writer*

*filter*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Serialize\(Stream, Object, MemberInfo, XmlSerializerNamespaces\) Method](#)

The Stream used to write the XML-document instance

The Object to serialize

The FieldInfo or MemberInfo object context for the object to serialize

The XmlSerializerNamespaces referenced by the object

Serializes the specified Object and writes the XML-document instance to a file using the specified Stream.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal stream As System.IO.Stream, _
    ByVal o As System.Object, _
    ByVal mi As System.Reflection.MemberInfo, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces _
)
```

C#

```
public void Serialize(
    System.IO.Stream stream,
    System.Object o,
    System.Reflection.MemberInfo mi,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces
)
```

### Parameters

*stream*

The Stream used to write the XML-document instance

*o*

The Object to serialize

*mi*

The FieldInfo or MemberInfo object context for the object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

`Serialize(XmlTextWriter, Object, MemberInfo, XmlSerializerNamespaces, Attribute[])` Method

The `XmlWriter` used to write the XML-document instance

The Object to serialize

The `FieldInfo` or `MemberInfo` object context for the object to serialize

The `XmlSerializerNamespaces` referenced by the object

Array of attributes that specify what to serialize

Serializes the specified `Object` and writes the XML-document instance to a file using the specified `XmlWriter`

## Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Serialize( _
    ByVal writer As System.Xml.XmlTextWriter, _
    ByVal o As System.Object, _
    ByVal mi As System.Reflection.MemberInfo, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces, _
    ByVal filter() As System.Attribute _
)
```

C#

```
public void Serialize(
    System.Xml.XmlTextWriter writer,
    System.Object o,
    System.Reflection.MemberInfo mi,
```

```
        System.Xml.Serialization.XmlSerializerNamespaces namespaces,
        System.Attribute[] filter
    )
```

## Parameters

*writer*

The XmlWriter used to write the XML-document instance

*o*

The Object to serialize

*mi*

The FieldInfo or MemberInfo object context for the object to serialize

*namespaces*

The XmlSerializerNamespaces referenced by the object

*filter*

Array of attributes that specify what to serialize

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

[Serialize\(Object,MemberInfo,XmlSerializerNamespaces\) Method](#)  
Serializes the specified object to an XML formatted string.

## Syntax

Visual Basic (Declaration)

```
Public Overloads Function Serialize( _
    ByVal o As System.Object, _
    ByVal mi As System.Reflection.MemberInfo, _
    ByVal namespaces As System.Xml.Serialization.XmlSerializerNamespaces _
) As System.String
```

C#

```
public System.string Serialize(
    System.object o,
    System.Reflection.MemberInfo mi,
    System.Xml.Serialization.XmlSerializerNamespaces namespaces
)
```

## Parameters

*o*

*mi*

*namespaces*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Overload List](#)

### Properties

For a list of all members of this type, see [Serializer members](#).

## Public Properties

	Name	Description
	<a href="#">Formatting</a>	Sets or returns formatting used by the XML writer.
	<a href="#">Indentation</a>	Sets or returns indentation used by the XML writer.
	<a href="#">NonPublic</a>	Sets or returns serialization of non-public properties. If true non-public properties are included, but are hidden by default. Public properties are always visible by default.
	<a href="#">OnLongOpInProgressProvider</a>	Sets or returns the object implementing IOnLongOpInProgressProvider interface (can be used to provide visual feedback to the user during serialization).
	<a href="#">SerializeDefaultValues</a>	Gets or sets a value indicating whether all the values are to be persistent.

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## See Also

### Reference

[Serializer Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Formatting Property*

Sets or returns formatting used by the XML writer.

## Syntax

Visual Basic (Declaration)	
<pre>Public Property Formatting As System.Xml.Formatting</pre>	
C#	
<pre>public System.Xml.Formatting Formatting {get; set;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

*Indentation Property*

Sets or returns indentation used by the XML writer.

## Syntax

Visual Basic (Declaration)

```
Public Property Indentation As System.Integer
```

C#

```
public System.int Indentation {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

*NonPublic Property*

Sets or returns serialization of non-public properties. If true non-public properties are included, but are hidden by default. Public properties are always visible by default.

## Syntax

Visual Basic (Declaration)

```
Public Property NonPublic As System.Boolean
```

C#

```
public System.bool NonPublic {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

*OnLongOpInProgressProvider* Property

Sets or returns the object implementing IOnLongOpInProgressProvider interface (can be used to provide visual feedback to the user during serialization).

## Syntax

Visual Basic (Declaration)

```
Public Property OnLongOpInProgressProvider As IOnLongOpInProgressProvider
```

C#

```
public IOnLongOpInProgressProvider OnLongOpInProgressProvider {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

*SerializeDefaultValues Property*

Gets or sets a value indicating whether all the values are to be persistent.

## Syntax

Visual Basic (Declaration)

```
Public Property SerializeDefaultValues As System.Boolean
```

C#

```
public System.bool SerializeDefaultValues {get; set;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer Class](#)

[Serializer Members](#)

[Serializer.C1TypeDescriptorContext.CreateInstance](#)

## Object Model

[Serializer.C1TypeDescriptorContext.CreateInstance](#)

## Syntax

Visual Basic (Declaration)

```
Public Class Serializer.C1TypeDescriptorContext.CreateInstance
```

C#

```
public class Serializer.C1TypeDescriptorContext.CreateInstance
```

## Inheritance Hierarchy

System.Object

C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Serializer.C1TypeDescriptorContextCreateInstance

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

Serializer.C1TypeDescriptorContextCreateInstance Members

C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

*Overview*

## Object Model

Serializer.C1TypeDescriptorContextCreateInstance

## Syntax

Visual Basic (Declaration)

```
Public Class Serializer.C1TypeDescriptorContextCreateInstance
```

C#

```
public class Serializer.C1TypeDescriptorContextCreateInstance
```

## Inheritance Hierarchy

System.Object

C1.Win.C1TrueDBGrid.Util.Xml.Serialization.Serializer.C1TypeDescriptorContextCreateInstance

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContextCreateInstance Members](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [Serializer.C1TypeDescriptorContextCreateInstance](#).

## Public Constructors

	Name	Description
=	<a href="#">Serializer.C1TypeDescriptorContextCreateInstance Constructor</a>	Initializes a new instance of the <a href="#">Serializer.C1TypeDescriptorContextCreateInstance</a> class.

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## Public Properties

	Name	Description
	<a href="#">Container</a>	Gets the container representing this <b>System.ComponentModel.TypeDescriptor</b> request.
	<a href="#">Instance</a>	Gets the object that is connected with this type descriptor request.
	<a href="#">PropertyDescriptor</a>	Gets the <b>System.ComponentModel.PropertyDescriptor</b> that is associated with the given context item.

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## Public Methods

	Name	Description
=	<a href="#">GetService</a>	Gets the service object of the specified type.
=	<a href="#">OnComponentChanged</a>	Raises the <b>System.ComponentModel.Design.IComponentChangeService.ComponentChanged</b> event.
=	<a href="#">OnComponentChanging</a>	Raises the <b>System.ComponentModel.Design.IComponentChangeService.ComponentChanging</b> event.

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## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Serializer.C1TypeDescriptorContext.CreateInstance Constructor*

Initializes a new instance of the [Serializer.C1TypeDescriptorContext.CreateInstance](#) class.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New()</pre>	
C#	
<pre>public Serializer.C1TypeDescriptorContext.CreateInstance()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

#### Methods

>

Name	Description
 <a href="#">GetService</a>	Gets the service object of the specified type.
 <a href="#">OnComponentChanged</a>	Raises the <b>System.ComponentModel.Design.IComponentChangeService.ComponentChanged</b> event.
 <a href="#">OnComponentChanging</a>	Raises the <b>System.ComponentModel.Design.IComponentChangeService.ComponentChanging</b> event.

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## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

#### GetService Method

An object that specifies the type of service object to get.

Gets the service object of the specified type.

## Syntax

Visual Basic (Declaration)

```
Public Function GetService( _
    ByVal serviceType As System.Type _
) As System.Object
```

C#

```
public System.Object GetService(  
    System.Type serviceType  
)
```

## Parameters

*serviceType*

An object that specifies the type of service object to get.

## Return Value

A service object of type [serviceType](#). -or- null if there is no service object of type [serviceType](#).

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)

[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

*OnComponentChanged Method*

Raises the **System.ComponentModel.Design.IComponentChangeService.ComponentChanged** event.

## Syntax

Visual Basic (Declaration)

```
Public Sub OnComponentChanged()
```

C#

```
public void OnComponentChanged()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

*OnComponentChanging Method*

Raises the **System.ComponentModel.Design.IComponentChangeService.ComponentChanging** event.

## Syntax

Visual Basic (Declaration)	
<pre>Public Function OnComponentChanging() As System.Boolean</pre>	
C#	
<pre>public System.bool OnComponentChanging()</pre>	

### Return Value

true if this object can be changed; otherwise, false.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

*Properties*

>

Name	Description
 <a href="#">Container</a>	Gets the container representing this <b>System.ComponentModel.TypeDescriptor</b> request.
 <a href="#">Instance</a>	Gets the object that is connected with this type descriptor request.
 <a href="#">PropertyDescriptor</a>	Gets the <b>System.ComponentModel.PropertyDescriptor</b> that is associated with the given context item.

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## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

#### *Container Property*

Gets the container representing this **System.ComponentModel.TypeDescriptor** request.

## Syntax

Visual Basic (Declaration)	
<pre>Public ReadOnly Property Container As System.ComponentModel.IContainer</pre>	
C#	
<pre>public System.ComponentModel.IContainer Container {get;}</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)  
[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

### *Instance Property*

Gets the object that is connected with this type descriptor request.

## Syntax

### Visual Basic (Declaration)

```
Public ReadOnly Property Instance As System.Object
```

### C#

```
public System.Object Instance {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)

[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

### *PropertyDescriptor Property*

Gets the **System.ComponentModel.PropertyDescriptor** that is associated with the given context item.

## Syntax

### Visual Basic (Declaration)

```
Public ReadOnly Property PropertyDescriptor As  
System.ComponentModel.PropertyDescriptor
```

### C#

```
public System.ComponentModel.PropertyDescriptor PropertyDescriptor {get;}
```

## Property Value

The **System.ComponentModel.PropertyDescriptor** that describes the given context item; otherwise, null if there is no **System.ComponentModel.PropertyDescriptor** responsible for the call.

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[Serializer.C1TypeDescriptorContext.CreateInstance Class](#)

[Serializer.C1TypeDescriptorContext.CreateInstance Members](#)

[TypeSerializationAttribute](#)

Forces the serializer to serialize the type name of a property or field

## Object Model

[TypeSerializationAttribute](#)

## Syntax

Visual Basic (Declaration)

```
<System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property Or _  
    AttributeTargets.Field,  
    AllowMultiple=False,  
    Inherited=True)>  
Public Class TypeSerializationAttribute  
    Inherits System.Attribute
```

C#

```
[System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property |  
    AttributeTargets.Field,  
    AllowMultiple=false,  
    Inherited=true)]  
public class TypeSerializationAttribute : System.Attribute
```

# Inheritance Hierarchy

System.Object  
  System.Attribute  
    **C1.Win.C1TrueDBGrid.Util.Xml.Serialization.TypeSerializationAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[TypeSerializationAttribute Members](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Overview

Forces the serializer to serialize the type name of a property or field

## Object Model

TypeSerializationAttribute

## Syntax

### Visual Basic (Declaration)

```
<System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property Or _  
    AttributeTargets.Field,  
    AllowMultiple=False,  
    Inherited=True)>  
Public Class TypeSerializationAttribute  
    Inherits System.Attribute
```

### C#

```
[System.AttributeUsageAttribute(ValidOn=AttributeTargets.Property |  
    AttributeTargets.Field,  
    AllowMultiple=false,
```

```
Inherited=true)]  
public class TypeSerializationAttribute : System.Attribute
```

## Inheritance Hierarchy

System.Object  
System.Attribute  
**C1.Win.C1TrueDBGrid.Util.Xml.Serialization.TypeSerializationAttribute**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

TypeSerializationAttribute Members  
C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

#### Members

[Properties](#) [Methods](#)

The following tables list the members exposed by [TypeSerializationAttribute](#).

## Public Constructors

	Name	Description
	<a href="#">TypeSerializationAttribute Constructor</a>	

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## Public Properties

	Name	Description
	<a href="#">TypeId</a>	(Inherited from System.Attribute)
	<a href="#">TypeSerialization</a>	

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## Public Methods

	Name	Description
≡	<a href="#">Equals</a>	(Inherited from System.Attribute)
≡	<a href="#">GetHashCode</a>	(Inherited from System.Attribute)
≡	<a href="#">IsDefaultAttribute</a>	(Inherited from System.Attribute)
≡	<a href="#">Match</a>	(Inherited from System.Attribute)
≡	<a href="#">ToString</a>	

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## See Also

### Reference

TypeSerializationAttribute Class  
C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace

*TypeSerializationAttribute Constructor*

## Syntax

Visual Basic (Declaration)	
<pre>Public Function New( _     ByVal ts As TypeSerialization _</pre>	)
C#	
<pre>public TypeSerializationAttribute(     TypeSerialization ts )</pre>	

### Parameters

*ts*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[TypeSerializationAttribute Class](#)

[TypeSerializationAttribute Members](#)

#### Methods

For a list of all members of this type, see [TypeSerializationAttribute members](#).

## Public Methods

	Name	Description
=	<a href="#">Equals</a>	(Inherited from System.Attribute)
=	<a href="#">GetHashCode</a>	(Inherited from System.Attribute)
=	<a href="#">IsDefaultAttribute</a>	(Inherited from System.Attribute)
=	<a href="#">Match</a>	(Inherited from System.Attribute)
=	<a href="#">ToString</a>	

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## See Also

### Reference

[TypeSerializationAttribute Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*ToString Method*

## Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Function ToString() As System.String</pre>	
C#	
<pre>public override System.String ToString()</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[TypeSerializationAttribute Class](#)

[TypeSerializationAttribute Members](#)

### Properties

>

Name	Description
------	-------------

 [TypeId](#) (Inherited from System.Attribute)

 [TypeSerialization](#)

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## See Also

### Reference

[TypeSerializationAttribute Class](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*TypeSerialization Property*

## Syntax

Visual Basic (Declaration)

```
Public ReadOnly Property TypeSerialization As TypeSerialization
```

C#

```
public TypeSerialization TypeSerialization {get;}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[TypeSerializationAttribute Class](#)

[TypeSerializationAttribute Members](#)

### Enumerations

[TypeSerialization](#)

Determines how item types are serialized

## Syntax

Visual Basic (Declaration)

```
Public Enum TypeSerialization  
    Inherits System.Enum
```

C#

```
public enum TypeSerialization : System.Enum
```

## Members

Member	Description
<b>AssemblyQualifiedName</b>	Item type is serialized as a fully qualified name and assembly name

<b>Custom</b>	Use owner's IMemberTypeEncoder for members (for collection items, this is done automatically).
<b>FullName</b>	Item type is serialized as a fully qualified name
<b>None</b>	Item type is not serialized (this is the default)

## Inheritance Hierarchy

```

System.Object
  System.ValueType
    System.Enum
C1.Win.C1TrueDBGrid.Util.Xml.Serialization.TypeSerialization

```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Interfaces

#### IMemberTypeEncoder

This interface is used to allow objects and collection to serialize types of their members in a custom way. If a collection implements this interface, TypeToString is invoked during serialization of collection items, and for all items for which it returns a non-null string, that string is used as the element name of the item. If a class implements this interface, AND a member of that class has attribute TypeNameSerialization.Custom, AND does not have attribute XmlAttribute (i.e. is serialized as an element), TypeToString is invoked on the owner when that member is serialized, and if that returns a non-null string, that string is used as the value of TypeName attribute. When deserializing a collection which implements this interface, StringToType is invoked for each new item in the collection, and if that returns a non-null type, that type is used to create the item. Otherwise, TypeNameSerialization attribute is used. When deserializing a class which implements this interface, StringToType is invoked on that class for members with TypeNameSerialization.Custom attribute set.

# Object Model

IMemberTypeEncoder

## Syntax

Visual Basic (Declaration)

```
Public Interface IMemberTypeEncoder
```

C#

```
public interface IMemberTypeEncoder
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IMemberTypeEncoder Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Overview

This interface is used to allow objects and collection to serialize types of their members in a custom way. If a collection implements this interface, `TypeToString` is invoked during serialization of collection items, and for all items for which it returns a non-null string, that string is used as the element name of the item. If a class implements this interface, AND a member of that class has attribute `TypeNameSerialization.Custom`, AND does not have attribute `XmlAttribute` (i.e. is serialized as an element), `TypeToString` is invoked on the owner when that member is serialized, and if that returns a non-null string, that string is used as the value of `TypeName` attribute. When deserializing a collection which implements this interface, `StringToType` is invoked for each new item in the collection, and if that returns a non-null type, that type is used to create the item. Otherwise, `TypeNameSerialization` attribute is used. When deserializing a class which implements this interface, `StringToType` is invoked on that class for members with `TypeNameSerialization.Custom` attribute set.

# Object Model

## IObjectTypeEncoder

## Syntax

Visual Basic (Declaration)

```
Public Interface IObjectTypeEncoder
```

C#

```
public interface IObjectTypeEncoder
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IObjectTypeEncoder Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

*Methods*

The following tables list the members exposed by [IObjectTypeEncoder](#).

## Public Methods

	Name	Description
=	<a href="#">StringToType</a>	Returns the type restored from the serialized string
=	<a href="#">TypeToString</a>	Returns a string representing the type of the object

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## See Also

### Reference

[IMemberTypeEncoder Interface](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Methods*

>

Name	Description
<a href="#">≡ StringToType</a>	Returns the type restored from the serialized string
<a href="#">≡ TypeToString</a>	Returns a string representing the type of the object

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## See Also

### Reference

[IMemberTypeEncoder Interface](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*StringToType Method*

Returns the type restored from the serialized string

## Syntax

Visual Basic (Declaration)

```
Function StringToType( _
    ByVal memberType As System.String _
) As System.Type
```

C#

```
System.Type StringToType(
    System.string memberType
)
```

### Parameters

*memberType*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IMemberTypeEncoder Interface](#)  
[IMemberTypeEncoder Members](#)

*TypeToString Method*

Returns a string representing the type of the object

## Syntax

Visual Basic (Declaration)

```
Function TypeToString( _
    ByVal member As System.Object _ 
) As System.String
```

C#

```
System.string TypeToString(
    System.object member
)
```

### Parameters

*member*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IMemberTypeEncoder Interface](#)  
[IMemberTypeEncoder Members](#)

## IOnLongOpInProgressProvider

Interface used to provide feedback and the ability to cancel potentially long operations

## Object Model

IOnLongOpInProgressProvider

## Syntax

Visual Basic (Declaration)	
<pre>Public Interface IOnLongOpInProgressProvider</pre>	
C#	
<pre>public interface IOnLongOpInProgressProvider</pre>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IOnLongOpInProgressProvider Members](#)

[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

### Overview

Interface used to provide feedback and the ability to cancel potentially long operations

## Object Model

IOnLongOpInProgressProvider

## Syntax

Visual Basic (Declaration)	
<pre>Public Interface IOnLongOpInProgressProvider</pre>	

C#

```
public interface IOnLongOpInProgressProvider
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IOnLongOpInProgressProvider Members](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Members*

[Methods](#)

The following tables list the members exposed by [IOnLongOpInProgressProvider](#).

## Public Methods

	Name	Description
	<a href="#">OnLongOpInProgress</a>	Overloaded.

[Top](#)

## See Also

### Reference

[IOnLongOpInProgressProvider Interface](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*Methods*

For a list of all members of this type, see [IOnLongOpInProgressProvider members](#).

## Public Methods

	Name	Description
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 <a href="#">OnLongOpInProgress</a>	Overloaded.
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[Top](#)

## See Also

### Reference

[IOnLongOpInProgressProvider Interface](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)

*OnLongOpInProgress Method*

### Overload List

Overload	Description
<a href="#">OnLongOpInProgress(Boolean)</a>	
<a href="#">OnLongOpInProgress()</a>	

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IOnLongOpInProgressProvider Interface](#)  
[IOnLongOpInProgressProvider Members](#)

[OnLongOpInProgress\(Boolean\) Method](#)

### Syntax

Visual Basic (Declaration)	
<pre>Overloads Sub OnLongOpInProgress( _     ByRef cancel As System.Boolean _ )</pre>	

C#

```
void OnLongOpInProgress(
    out System.bool cancel
)
```

## Parameters

*cancel*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IOnLongOpInProgressProvider Interface](#)

[IOnLongOpInProgressProvider Members](#)

[Overload List](#)

[OnLongOpInProgress\(\) Method](#)

## Syntax

Visual Basic (Declaration)

```
Overloads Sub OnLongOpInProgress()
```

C#

```
void OnLongOpInProgress()
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[IOnLongOpInProgressProvider Interface](#)  
[IOnLongOpInProgressProvider Members](#)  
[Overload List](#)

### *Delegates*

[LongOpInProgressHandler](#)

## Syntax

Visual Basic (Declaration)	
<pre>Public Delegate Sub LongOpInProgressHandler( _     ByVal sender As System.Object, _     ByVal e As LongOpInProgressArgs _ )</pre>	
C#	
<pre>public delegate void LongOpInProgressHandler(     System.Object sender,     LongOpInProgressArgs e )</pre>	

### Parameters

*sender*

*e*

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

### Reference

[LongOpInProgressHandler Members](#)  
[C1.Win.C1TrueDBGrid.Util.Xml.Serialization Namespace](#)