The BasicDataGrid control displays items from a data source in a customizable table. Automatically provides paging and ordering support. You can use the standard Visual Studio DataGrid designer to set up the BasicDataGrid's style and behavior.

You can use the BasicDataGrid with any bindable data source — not only Kentico data and objects.

Derived from: ASP.NET DataGrid

Tip: If you want to display pages from Kentico in a grid, you can use the CMSDataGrid control, which has built-in support for loading Kentico pages.

Getting started

The following is a step-by-step tutorial that shows how to use the BasicDataGrid control to display a table containing laptops (*CMS.Laptop* pages) from the sample Corporate Site:

1. Create a new **Web form** somewhere in your web project.
2. Switch to the **Design** tab and drag a **BasicDataGrid** control from the toolbox onto the form.
3. Right-click the BasicDataGrid on the form, select **Auto Format...** and choose a scheme.
4. Right-click the BasicDataGrid on the form, select **Show Smart Tag** and then **Property Builder**.
    - The **BasicDataGrid1 Properties** dialog opens.
5. On the **General** tab, check **Allow sorting**.
6. Switch to the **Columns** tab and uncheck **Create columns automatically at run time**.
7. Add a new **Bound Column** from the **Available columns** list to the **Selected columns** list. Enter the following values into the appropriate fields:

    - **Header text:** Name
    - **Data Field**: DocumentSKUName
    - **Sort expression**: DocumentSKUName

8. Add another **Bound column**. Enter the following values in the appropriate fields:

    - **Header text:** Price
    - **Data Field**: SKUPrice
    - **Sort expression**: SKUPrice

9. Click **OK**.
10. Switch to the web form's code behind and add the following references to the beginning of the code:

```
using System.Data;

using CMS.DocumentEngine;
```

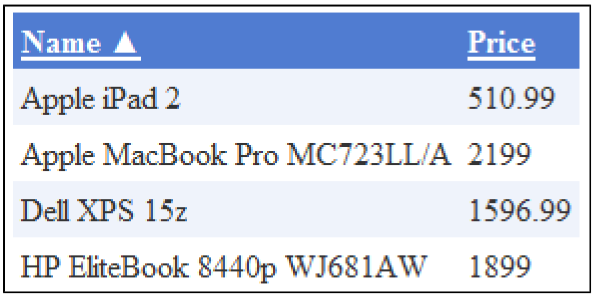
11. Add the following code to the **Page_Load** method:

```
// Retrieves all CMS.Laptop pages from the Kentico database as a DataSet
DataSet ds = DocumentHelper.GetDocuments("CMS.Laptop").Path("/", PathTypeEnum.
Children).OrderBy("DocumentSKUName");

// Assigns the DataSet as the data source of the BasicDataGrid control
BasicDataGrid1.DataSource = ds;
BasicDataGrid1.DataBind();
```

12. Save the changes to the web form and its code behind file.
13. Right-click the web form in the Solution explorer and select **View in Browser**.

The resulting page displays a table similar to the following (depending on the chosen scheme):



Name ▲	Price
Apple iPad 2	510.99
Apple MacBook Pro MC723LL/A	2199
Dell XPS 15z	1596.99
HP EliteBook 8440p WJ681AW	1899

Configuration

You can set the following properties for the BasicDataGrid control:

Property name	Description	Sample value
DataBindByDefault	Indicates whether the control automatically performs data binding during the **Init** event.	
HideControlForZeroRows	Indicates whether the control should be hidden when no data is loaded. The default value is False.	
ProcessSorting	Indicates whether the control processes the grid sorting in the DataView instead of on the SQL level.	
RelatedData	Custom data connected to the object.	
SetFirstPageAfterSortChange	Indicates if the page index resets to the first page when sorting is changed.	
SortAscending	Indicates whether the grid sorting is in ascending order. The default value is True.	
SortField	Gets or sets the sort field. Allows you to set the default sort field.	"NewsReleaseDate"
ZeroRowsText	Text shown if no records are found. This text is not visible when the control is hidden by the **HideControlForZeroRows** property.	"No records found"

⚠ **Note**: The BasicDataGrid inherits from the ASP.NET DataGrid control, so you can also set any of the base properties.

Appearance and styling

You can modify the appearance of the BasicDataGrid control by setting the standard properties inherited from the ASP.NET DataGrid control.

A common way to set the appearance of DataGrid controls is to assign a skin through the **SkinID** property. You can define skins in *.skin* files under individual themes in the **App_Themes** folder. See the .NET Skins and Themes documentation for more information.