**Repeater Class**

[**http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx**](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx)

**.NET Framework 4**

[Other Versions](javascript:;)

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A data-bound list control that allows custom layout by repeating a specified template for each item displayed in the list.

[Inheritance Hierarchy](javascript:void(0))

[System.Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx)  
  [System.Web.UI.Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx)  
    System.Web.UI.WebControls.Repeater  
      [System.Web.DynamicData.FilterRepeater](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.filterrepeater%28v=vs.100%29.aspx)

**Namespace:**  [System.Web.UI.WebControls](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols%28v=vs.100%29.aspx)  
**Assembly:**  System.Web (in System.Web.dll)

[Syntax](javascript:void(0))

C#

[C++](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public class Repeater : Control, INamingContainer

ASP.NET

<asp:Repeater />

The Repeater type exposes the following members.

[Constructors](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public method | [Repeater](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.repeater%28v=vs.100%29.aspx) | Initializes a new instance of the Repeater class. |

[Top](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#mainBody)

[Properties](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Protected property | [Adapter](http://msdn.microsoft.com/en-us/library/system.web.ui.control.adapter%28v=vs.100%29.aspx) | Gets the browser-specific adapter for the control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [AlternatingItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.alternatingitemtemplate%28v=vs.100%29.aspx) | Gets or sets the object implementing [System.Web.UI.ITemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.itemplate%28v=vs.100%29.aspx) that defines how alternating items in the control are displayed. |
| Public property | [AppRelativeTemplateSourceDirectory](http://msdn.microsoft.com/en-us/library/system.web.ui.control.apprelativetemplatesourcedirectory%28v=vs.100%29.aspx) | Gets or sets the application-relative virtual directory of the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page%28v=vs.100%29.aspx) or [UserControl](http://msdn.microsoft.com/en-us/library/system.web.ui.usercontrol%28v=vs.100%29.aspx) object that contains this control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [BindingContainer](http://msdn.microsoft.com/en-us/library/system.web.ui.control.bindingcontainer%28v=vs.100%29.aspx) | Infrastructure. Gets the control that contains this control's data binding. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [ChildControlsCreated](http://msdn.microsoft.com/en-us/library/system.web.ui.control.childcontrolscreated%28v=vs.100%29.aspx) | Gets a value that indicates whether the server control's child controls have been created. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [ClientID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientid%28v=vs.100%29.aspx) | Gets the control ID for HTML markup that is generated by ASP.NET. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [ClientIDMode](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientidmode%28v=vs.100%29.aspx) | Gets or sets the algorithm that is used to generate the value of the [ClientID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientid%28v=vs.100%29.aspx) property. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [ClientIDSeparator](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientidseparator%28v=vs.100%29.aspx) | Gets a character value representing the separator character used in the [ClientID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientid%28v=vs.100%29.aspx) property. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [Context](http://msdn.microsoft.com/en-us/library/system.web.ui.control.context%28v=vs.100%29.aspx) | Gets the [HttpContext](http://msdn.microsoft.com/en-us/library/system.web.httpcontext%28v=vs.100%29.aspx) object associated with the server control for the current Web request. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [Controls](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.controls%28v=vs.100%29.aspx) | Gets a [System.Web.UI.ControlCollection](http://msdn.microsoft.com/en-us/library/system.web.ui.controlcollection%28v=vs.100%29.aspx) that contains the child controls of the Repeater control. (Overrides [Control.Controls](http://msdn.microsoft.com/en-us/library/system.web.ui.control.controls%28v=vs.100%29.aspx).) |
| Public property | [DataItemContainer](http://msdn.microsoft.com/en-us/library/system.web.ui.control.dataitemcontainer%28v=vs.100%29.aspx) | Gets a reference to the naming container if the naming container implements [IDataItemContainer](http://msdn.microsoft.com/en-us/library/system.web.ui.idataitemcontainer%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [DataKeysContainer](http://msdn.microsoft.com/en-us/library/system.web.ui.control.datakeyscontainer%28v=vs.100%29.aspx) | Gets a reference to the naming container if the naming container implements [IDataKeysControl](http://msdn.microsoft.com/en-us/library/system.web.ui.idatakeyscontrol%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [DataMember](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datamember%28v=vs.100%29.aspx) | Gets or sets the specific table in the [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) to bind to the control. |
| Public property | [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) | Gets or sets the data source that provides data for populating the list. |
| Public property | [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) | Gets or sets the [ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) property of the data source control that the Repeater control should use to retrieve its data source. |
| Protected property | [DesignMode](http://msdn.microsoft.com/en-us/library/system.web.ui.control.designmode%28v=vs.100%29.aspx) | Gets a value indicating whether a control is being used on a design surface. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [EnableTheming](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.enabletheming%28v=vs.100%29.aspx) | Gets or sets a value indicating whether themes are applied to this control. (Overrides [Control.EnableTheming](http://msdn.microsoft.com/en-us/library/system.web.ui.control.enabletheming%28v=vs.100%29.aspx).) |
| Public property | [EnableViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.enableviewstate%28v=vs.100%29.aspx) | Gets or sets a value indicating whether the server control persists its view state, and the view state of any child controls it contains, to the requesting client. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [Events](http://msdn.microsoft.com/en-us/library/system.web.ui.control.events%28v=vs.100%29.aspx) | Gets a list of event handler delegates for the control. This property is read-only. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [FooterTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.footertemplate%28v=vs.100%29.aspx) | Gets or sets the [System.Web.UI.ITemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.itemplate%28v=vs.100%29.aspx) that defines how the footer section of the Repeater control is displayed. |
| Protected property | [HasChildViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.haschildviewstate%28v=vs.100%29.aspx) | Gets a value indicating whether the current server control's child controls have any saved view-state settings. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [HeaderTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.headertemplate%28v=vs.100%29.aspx) | Gets or sets the [System.Web.UI.ITemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.itemplate%28v=vs.100%29.aspx) that defines how the header section of the Repeater control is displayed. |
| Public property | [ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) | Gets or sets the programmatic identifier assigned to the server control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [IdSeparator](http://msdn.microsoft.com/en-us/library/system.web.ui.control.idseparator%28v=vs.100%29.aspx) | Infrastructure. Gets the character used to separate control identifiers. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [Initialized](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.initialized%28v=vs.100%29.aspx) | Infrastructure. Returns a value indicating whether the control has been initialized. |
| Protected property | [IsBoundUsingDataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.isboundusingdatasourceid%28v=vs.100%29.aspx) | Infrastructure. Gets a value indicating whether the [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) property is set. |
| Protected property | [IsChildControlStateCleared](http://msdn.microsoft.com/en-us/library/system.web.ui.control.ischildcontrolstatecleared%28v=vs.100%29.aspx) | Gets a value indicating whether controls contained within this control have control state. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [IsTrackingViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.istrackingviewstate%28v=vs.100%29.aspx) | Gets a value that indicates whether the server control is saving changes to its view state. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [IsViewStateEnabled](http://msdn.microsoft.com/en-us/library/system.web.ui.control.isviewstateenabled%28v=vs.100%29.aspx) | Gets a value indicating whether view state is enabled for this control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [Items](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.items%28v=vs.100%29.aspx) | Gets a collection of [RepeaterItem](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeateritem%28v=vs.100%29.aspx) objects in the Repeater control. |
| Public property | [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx) | Gets or sets the [System.Web.UI.ITemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.itemplate%28v=vs.100%29.aspx) that defines how items in the Repeater control are displayed. |
| Protected property | [LoadViewStateByID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.loadviewstatebyid%28v=vs.100%29.aspx) | Gets a value indicating whether the control participates in loading its view state by [ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) instead of index. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [NamingContainer](http://msdn.microsoft.com/en-us/library/system.web.ui.control.namingcontainer%28v=vs.100%29.aspx) | Gets a reference to the server control's naming container, which creates a unique namespace for differentiating between server controls with the same [Control.ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) property value. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.control.page%28v=vs.100%29.aspx) | Gets a reference to the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page%28v=vs.100%29.aspx) instance that contains the server control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [Parent](http://msdn.microsoft.com/en-us/library/system.web.ui.control.parent%28v=vs.100%29.aspx) | Gets a reference to the server control's parent control in the page control hierarchy. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [RenderingCompatibility](http://msdn.microsoft.com/en-us/library/system.web.ui.control.renderingcompatibility%28v=vs.100%29.aspx) | Gets a value that specifies the ASP.NET version that rendered HTML will be compatible with. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [RequiresDataBinding](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.requiresdatabinding%28v=vs.100%29.aspx) | Gets or sets a value indicating whether the Repeater control needs to bind to its specified data source. |
| Protected property | [SelectArguments](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.selectarguments%28v=vs.100%29.aspx) | Infrastructure. Gets a [DataSourceSelectArguments](http://msdn.microsoft.com/en-us/library/system.web.ui.datasourceselectarguments%28v=vs.100%29.aspx) object that the Repeater control uses when retrieving data from a data source control. |
| Public property | [SeparatorTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.separatortemplate%28v=vs.100%29.aspx) | Gets or sets the [System.Web.UI.ITemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.itemplate%28v=vs.100%29.aspx) interface that defines how the separator between items is displayed. |
| Public property | [Site](http://msdn.microsoft.com/en-us/library/system.web.ui.control.site%28v=vs.100%29.aspx) | Gets information about the container that hosts the current control when rendered on a design surface. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [SkinID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.skinid%28v=vs.100%29.aspx) | Gets or sets the skin to apply to the control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [TemplateControl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.templatecontrol%28v=vs.100%29.aspx) | Gets or sets a reference to the template that contains this control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [TemplateSourceDirectory](http://msdn.microsoft.com/en-us/library/system.web.ui.control.templatesourcedirectory%28v=vs.100%29.aspx) | Gets the virtual directory of the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page%28v=vs.100%29.aspx) or [UserControl](http://msdn.microsoft.com/en-us/library/system.web.ui.usercontrol%28v=vs.100%29.aspx) that contains the current server control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [UniqueID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.uniqueid%28v=vs.100%29.aspx) | Gets the unique, hierarchically qualified identifier for the server control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [ViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.viewstate%28v=vs.100%29.aspx) | Gets a dictionary of state information that allows you to save and restore the view state of a server control across multiple requests for the same page. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected property | [ViewStateIgnoresCase](http://msdn.microsoft.com/en-us/library/system.web.ui.control.viewstateignorescase%28v=vs.100%29.aspx) | Gets a value that indicates whether the [StateBag](http://msdn.microsoft.com/en-us/library/system.web.ui.statebag%28v=vs.100%29.aspx) object is case-insensitive. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [ViewStateMode](http://msdn.microsoft.com/en-us/library/system.web.ui.control.viewstatemode%28v=vs.100%29.aspx) | Gets or sets the view-state mode of this control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public property | [Visible](http://msdn.microsoft.com/en-us/library/system.web.ui.control.visible%28v=vs.100%29.aspx) | Gets or sets a value that indicates whether a server control is rendered as UI on the page. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |

[Top](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#mainBody)

[Methods](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Protected method | [AddedControl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.addedcontrol%28v=vs.100%29.aspx) | Called after a child control is added to the [Controls](http://msdn.microsoft.com/en-us/library/system.web.ui.control.controls%28v=vs.100%29.aspx) collection of the [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx) object. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [AddParsedSubObject](http://msdn.microsoft.com/en-us/library/system.web.ui.control.addparsedsubobject%28v=vs.100%29.aspx) | Notifies the server control that an element, either XML or HTML, was parsed, and adds the element to the server control's [ControlCollection](http://msdn.microsoft.com/en-us/library/system.web.ui.controlcollection%28v=vs.100%29.aspx) object. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [ApplyStyleSheetSkin](http://msdn.microsoft.com/en-us/library/system.web.ui.control.applystylesheetskin%28v=vs.100%29.aspx) | Applies the style properties defined in the page style sheet to the control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [BuildProfileTree](http://msdn.microsoft.com/en-us/library/system.web.ui.control.buildprofiletree%28v=vs.100%29.aspx) | Infrastructure. Gathers information about the server control and delivers it to the [Trace](http://msdn.microsoft.com/en-us/library/system.web.ui.page.trace%28v=vs.100%29.aspx) property to be displayed when tracing is enabled for the page. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ClearCachedClientID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clearcachedclientid%28v=vs.100%29.aspx) | Infrastructure. Sets the cached [ClientID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientid%28v=vs.100%29.aspx) value to null. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ClearChildControlState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clearchildcontrolstate%28v=vs.100%29.aspx) | Deletes the control-state information for the server control's child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ClearChildState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clearchildstate%28v=vs.100%29.aspx) | Deletes the view-state and control-state information for all the server control's child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ClearChildViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clearchildviewstate%28v=vs.100%29.aspx) | Deletes the view-state information for all the server control's child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ClearEffectiveClientIDMode](http://msdn.microsoft.com/en-us/library/system.web.ui.control.cleareffectiveclientidmode%28v=vs.100%29.aspx) | Infrastructure. Sets the [ClientIDMode](http://msdn.microsoft.com/en-us/library/system.web.ui.control.clientidmode%28v=vs.100%29.aspx) property of the current control instance and of any child controls to [Inherit](http://msdn.microsoft.com/en-us/library/system.web.ui.clientidmode%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [CreateChildControls](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.createchildcontrols%28v=vs.100%29.aspx) | Infrastructure. Called by the ASP.NET page framework to notify server controls that use composition-based implementation to create any child controls they contain in preparation for posting back or rendering. (Overrides [Control.CreateChildControls()](http://msdn.microsoft.com/en-us/library/system.web.ui.control.createchildcontrols%28v=vs.100%29.aspx).) |
| Protected method | [CreateControlCollection](http://msdn.microsoft.com/en-us/library/system.web.ui.control.createcontrolcollection%28v=vs.100%29.aspx) | Creates a new [ControlCollection](http://msdn.microsoft.com/en-us/library/system.web.ui.controlcollection%28v=vs.100%29.aspx) object to hold the child controls (both literal and server) of the server control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [CreateControlHierarchy](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.createcontrolhierarchy%28v=vs.100%29.aspx) | Infrastructure. Creates a control hierarchy, with or without the specified data source. |
| Protected method | [CreateDataSourceSelectArguments](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.createdatasourceselectarguments%28v=vs.100%29.aspx) | Infrastructure. Returns the [Empty](http://msdn.microsoft.com/en-us/library/system.web.ui.datasourceselectarguments.empty%28v=vs.100%29.aspx) value. |
| Protected method | [CreateItem](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.createitem%28v=vs.100%29.aspx) | Infrastructure. Creates a [RepeaterItem](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeateritem%28v=vs.100%29.aspx) object with the specified item type and location within the Repeater control. |
| Public method | [DataBind()](http://msdn.microsoft.com/en-us/library/s1th73f0%28v=vs.100%29.aspx) | Infrastructure. Binds the Repeater control and all its child controls to the specified data source. (Overrides [Control.DataBind()](http://msdn.microsoft.com/en-us/library/w5e5992d%28v=vs.100%29.aspx).) |
| Protected method | [DataBind(Boolean)](http://msdn.microsoft.com/en-us/library/kf1c24y6%28v=vs.100%29.aspx) | Binds a data source to the invoked server control and all its child controls with an option to raise the [DataBinding](http://msdn.microsoft.com/en-us/library/system.web.ui.control.databinding%28v=vs.100%29.aspx) event. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [DataBindChildren](http://msdn.microsoft.com/en-us/library/system.web.ui.control.databindchildren%28v=vs.100%29.aspx) | Binds a data source to the server control's child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [Dispose](http://msdn.microsoft.com/en-us/library/system.web.ui.control.dispose%28v=vs.100%29.aspx) | Enables a server control to perform final clean up before it is released from memory. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [EnsureChildControls](http://msdn.microsoft.com/en-us/library/system.web.ui.control.ensurechildcontrols%28v=vs.100%29.aspx) | Determines whether the server control contains child controls. If it does not, it creates child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [EnsureDataBound](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.ensuredatabound%28v=vs.100%29.aspx) | Verifies that the Repeater control requires data binding and that a valid data source control is specified before calling the [DataBind](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.databind%28v=vs.100%29.aspx) method. |
| Protected method | [EnsureID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.ensureid%28v=vs.100%29.aspx) | Creates an identifier for controls that do not have an identifier assigned. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [Equals(Object)](http://msdn.microsoft.com/en-us/library/bsc2ak47%28v=vs.100%29.aspx) | Determines whether the specified [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx) is equal to the current [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx). (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Protected method | [Finalize](http://msdn.microsoft.com/en-us/library/system.object.finalize%28v=vs.100%29.aspx) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Public method | [FindControl(String)](http://msdn.microsoft.com/en-us/library/486wc64h%28v=vs.100%29.aspx) | Searches the current naming container for a server control with the specified id parameter. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [FindControl(String, Int32)](http://msdn.microsoft.com/en-us/library/407hh602%28v=vs.100%29.aspx) | Infrastructure. Searches the current naming container for a server control with the specified id and an integer, specified in the pathOffset parameter, which aids in the search. You should not override this version of the [FindControl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.findcontrol%28v=vs.100%29.aspx) method. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [Focus](http://msdn.microsoft.com/en-us/library/system.web.ui.control.focus%28v=vs.100%29.aspx) | Sets input focus to a control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [GetData](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.getdata%28v=vs.100%29.aspx) | Infrastructure. Returns an [IEnumerable](http://msdn.microsoft.com/en-us/library/system.collections.ienumerable%28v=vs.100%29.aspx) interface from the data source. |
| Protected method | [GetDesignModeState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.getdesignmodestate%28v=vs.100%29.aspx) | Infrastructure. Gets design-time data for a control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [GetHashCode](http://msdn.microsoft.com/en-us/library/system.object.gethashcode%28v=vs.100%29.aspx) | Serves as a hash function for a particular type. (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Public method | [GetRouteUrl(Object)](http://msdn.microsoft.com/en-us/library/dd784643%28v=vs.100%29.aspx) | Gets the URL that corresponds to a set of route parameters. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [GetRouteUrl(RouteValueDictionary)](http://msdn.microsoft.com/en-us/library/dd992869%28v=vs.100%29.aspx) | Gets the URL that corresponds to a set of route parameters. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [GetRouteUrl(String, Object)](http://msdn.microsoft.com/en-us/library/dd992877%28v=vs.100%29.aspx) | Gets the URL that corresponds to a set of route parameters and a route name. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [GetRouteUrl(String, RouteValueDictionary)](http://msdn.microsoft.com/en-us/library/dd992933%28v=vs.100%29.aspx) | Gets the URL that corresponds to a set of route parameters and a route name. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [GetType](http://msdn.microsoft.com/en-us/library/system.object.gettype%28v=vs.100%29.aspx) | Gets the [Type](http://msdn.microsoft.com/en-us/library/system.type%28v=vs.100%29.aspx) of the current instance. (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Public method | [GetUniqueIDRelativeTo](http://msdn.microsoft.com/en-us/library/system.web.ui.control.getuniqueidrelativeto%28v=vs.100%29.aspx) | Returns the prefixed portion of the [UniqueID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.uniqueid%28v=vs.100%29.aspx) property of the specified control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [HasControls](http://msdn.microsoft.com/en-us/library/system.web.ui.control.hascontrols%28v=vs.100%29.aspx) | Determines if the server control contains any child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [HasEvents](http://msdn.microsoft.com/en-us/library/system.web.ui.control.hasevents%28v=vs.100%29.aspx) | Returns a value indicating whether events are registered for the control or any child controls. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [InitializeItem](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.initializeitem%28v=vs.100%29.aspx) | Infrastructure. Populates iteratively the specified [RepeaterItem](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeateritem%28v=vs.100%29.aspx) with a sub-hierarchy of child controls. |
| Protected method | [IsLiteralContent](http://msdn.microsoft.com/en-us/library/system.web.ui.control.isliteralcontent%28v=vs.100%29.aspx) | Infrastructure. Determines if the server control holds only literal content. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [LoadControlState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.loadcontrolstate%28v=vs.100%29.aspx) | Restores control-state information from a previous page request that was saved by the [SaveControlState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.savecontrolstate%28v=vs.100%29.aspx) method. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [LoadViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.loadviewstate%28v=vs.100%29.aspx) | Restores view-state information from a previous page request that was saved by the [SaveViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.saveviewstate%28v=vs.100%29.aspx) method. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [MapPathSecure](http://msdn.microsoft.com/en-us/library/system.web.ui.control.mappathsecure%28v=vs.100%29.aspx) | Retrieves the physical path that a virtual path, either absolute or relative, maps to. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [MemberwiseClone](http://msdn.microsoft.com/en-us/library/system.object.memberwiseclone%28v=vs.100%29.aspx) | Creates a shallow copy of the current [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx). (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Protected method | [OnBubbleEvent](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.onbubbleevent%28v=vs.100%29.aspx) | Infrastructure. Raises the [ItemCommand](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcommand%28v=vs.100%29.aspx) event if the EventArgs parameter is an instance of [RepeaterCommandEventArgs](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeatercommandeventargs%28v=vs.100%29.aspx). (Overrides [Control.OnBubbleEvent(Object, EventArgs)](http://msdn.microsoft.com/en-us/library/system.web.ui.control.onbubbleevent%28v=vs.100%29.aspx).) |
| Protected method | [OnDataBinding](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.ondatabinding%28v=vs.100%29.aspx) | Infrastructure. Raises the DataBinding event. (Overrides [Control.OnDataBinding(EventArgs)](http://msdn.microsoft.com/en-us/library/system.web.ui.control.ondatabinding%28v=vs.100%29.aspx).) |
| Protected method | [OnDataPropertyChanged](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.ondatapropertychanged%28v=vs.100%29.aspx) | Infrastructure. Determines whether data binding is required. |
| Protected method | [OnDataSourceViewChanged](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.ondatasourceviewchanged%28v=vs.100%29.aspx) | Sets the [RequiresDataBinding](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.requiresdatabinding%28v=vs.100%29.aspx) property to true. |
| Protected method | [OnInit](http://msdn.microsoft.com/en-us/library/253779af%28v=vs.100%29.aspx) | Raises the [Init](http://msdn.microsoft.com/en-us/library/system.web.ui.control.init%28v=vs.100%29.aspx) event. (Overrides [Control.OnInit(EventArgs)](http://msdn.microsoft.com/en-us/library/system.web.ui.control.oninit%28v=vs.100%29.aspx).) |
| Protected method | [OnItemCommand](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.onitemcommand%28v=vs.100%29.aspx) | Raises the [ItemCommand](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcommand%28v=vs.100%29.aspx) event. |
| Protected method | [OnItemCreated](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.onitemcreated%28v=vs.100%29.aspx) | Raises the [ItemCreated](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcreated%28v=vs.100%29.aspx) event. |
| Protected method | [OnItemDataBound](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.onitemdatabound%28v=vs.100%29.aspx) | Raises the [ItemDataBound](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemdatabound%28v=vs.100%29.aspx) event. |
| Protected method | [OnLoad](http://msdn.microsoft.com/en-us/library/fkbaz321%28v=vs.100%29.aspx) | Raises the [Load](http://msdn.microsoft.com/en-us/library/system.web.ui.control.load%28v=vs.100%29.aspx) event and performs other initialization. (Overrides [Control.OnLoad(EventArgs)](http://msdn.microsoft.com/en-us/library/system.web.ui.control.onload%28v=vs.100%29.aspx).) |
| Protected method | [OnPreRender](http://msdn.microsoft.com/en-us/library/y5fzy4za%28v=vs.100%29.aspx) | Raises the [PreRender](http://msdn.microsoft.com/en-us/library/system.web.ui.control.prerender%28v=vs.100%29.aspx) event. (Overrides [Control.OnPreRender(EventArgs)](http://msdn.microsoft.com/en-us/library/system.web.ui.control.onprerender%28v=vs.100%29.aspx).) |
| Protected method | [OnUnload](http://msdn.microsoft.com/en-us/library/system.web.ui.control.onunload%28v=vs.100%29.aspx) | Raises the [Unload](http://msdn.microsoft.com/en-us/library/system.web.ui.control.unload%28v=vs.100%29.aspx) event. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [OpenFile](http://msdn.microsoft.com/en-us/library/system.web.ui.control.openfile%28v=vs.100%29.aspx) | Gets a [Stream](http://msdn.microsoft.com/en-us/library/system.io.stream%28v=vs.100%29.aspx) used to read a file. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [RaiseBubbleEvent](http://msdn.microsoft.com/en-us/library/system.web.ui.control.raisebubbleevent%28v=vs.100%29.aspx) | Assigns any sources of the event and its information to the control's parent. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [RemovedControl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.removedcontrol%28v=vs.100%29.aspx) | Called after a child control is removed from the [Controls](http://msdn.microsoft.com/en-us/library/system.web.ui.control.controls%28v=vs.100%29.aspx) collection of the [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx) object. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [Render](http://msdn.microsoft.com/en-us/library/system.web.ui.control.render%28v=vs.100%29.aspx) | Sends server control content to a provided [HtmlTextWriter](http://msdn.microsoft.com/en-us/library/system.web.ui.htmltextwriter%28v=vs.100%29.aspx) object, which writes the content to be rendered on the client. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [RenderChildren](http://msdn.microsoft.com/en-us/library/system.web.ui.control.renderchildren%28v=vs.100%29.aspx) | Outputs the content of a server control's children to a provided [HtmlTextWriter](http://msdn.microsoft.com/en-us/library/system.web.ui.htmltextwriter%28v=vs.100%29.aspx) object, which writes the content to be rendered on the client. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [RenderControl(HtmlTextWriter)](http://msdn.microsoft.com/en-us/library/htwek607%28v=vs.100%29.aspx) | Outputs server control content to a provided [HtmlTextWriter](http://msdn.microsoft.com/en-us/library/system.web.ui.htmltextwriter%28v=vs.100%29.aspx) object and stores tracing information about the control if tracing is enabled. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [RenderControl(HtmlTextWriter, ControlAdapter)](http://msdn.microsoft.com/en-us/library/wk91d11a%28v=vs.100%29.aspx) | Outputs server control content to a provided [HtmlTextWriter](http://msdn.microsoft.com/en-us/library/system.web.ui.htmltextwriter%28v=vs.100%29.aspx) object using a provided [ControlAdapter](http://msdn.microsoft.com/en-us/library/system.web.ui.adapters.controladapter%28v=vs.100%29.aspx) object. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [ResolveAdapter](http://msdn.microsoft.com/en-us/library/system.web.ui.control.resolveadapter%28v=vs.100%29.aspx) | Gets the control adapter responsible for rendering the specified control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [ResolveClientUrl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.resolveclienturl%28v=vs.100%29.aspx) | Gets a URL that can be used by the browser. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [ResolveUrl](http://msdn.microsoft.com/en-us/library/system.web.ui.control.resolveurl%28v=vs.100%29.aspx) | Converts a URL into one that is usable on the requesting client. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [SaveControlState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.savecontrolstate%28v=vs.100%29.aspx) | Saves any server control state changes that have occurred since the time the page was posted back to the server. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [SaveViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.saveviewstate%28v=vs.100%29.aspx) | Saves any server control view-state changes that have occurred since the time the page was posted back to the server. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Protected method | [SetDesignModeState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.setdesignmodestate%28v=vs.100%29.aspx) | Sets design-time data for a control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [SetRenderMethodDelegate](http://msdn.microsoft.com/en-us/library/system.web.ui.control.setrendermethoddelegate%28v=vs.100%29.aspx) | Infrastructure. Assigns an event handler delegate to render the server control and its content into its parent control. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public method | [ToString](http://msdn.microsoft.com/en-us/library/system.object.tostring%28v=vs.100%29.aspx) | Returns a string that represents the current object. (Inherited from [Object](http://msdn.microsoft.com/en-us/library/system.object%28v=vs.100%29.aspx).) |
| Protected method | [TrackViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.trackviewstate%28v=vs.100%29.aspx) | Causes tracking of view-state changes to the server control so they can be stored in the server control's [StateBag](http://msdn.microsoft.com/en-us/library/system.web.ui.statebag%28v=vs.100%29.aspx) object. This object is accessible through the [Control.ViewState](http://msdn.microsoft.com/en-us/library/system.web.ui.control.viewstate%28v=vs.100%29.aspx) property. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |

[Top](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#mainBody)

[Events](javascript:void(0))

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| --- | --- | --- |
|  | **Name** | **Description** |
| Public event | [DataBinding](http://msdn.microsoft.com/en-us/library/system.web.ui.control.databinding%28v=vs.100%29.aspx) | Occurs when the server control binds to a data source. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public event | [Disposed](http://msdn.microsoft.com/en-us/library/system.web.ui.control.disposed%28v=vs.100%29.aspx) | Occurs when a server control is released from memory, which is the last stage of the server control lifecycle when an ASP.NET page is requested. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public event | [Init](http://msdn.microsoft.com/en-us/library/system.web.ui.control.init%28v=vs.100%29.aspx) | Occurs when the server control is initialized, which is the first step in its lifecycle. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public event | [ItemCommand](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcommand%28v=vs.100%29.aspx) | Occurs when a button is clicked in the Repeater control. |
| Public event | [ItemCreated](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcreated%28v=vs.100%29.aspx) | Occurs when an item is created in the Repeater control. |
| Public event | [ItemDataBound](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemdatabound%28v=vs.100%29.aspx) | Occurs after an item in the Repeater control is data-bound but before it is rendered on the page. |
| Public event | [Load](http://msdn.microsoft.com/en-us/library/system.web.ui.control.load%28v=vs.100%29.aspx) | Occurs when the server control is loaded into the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page%28v=vs.100%29.aspx) object. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public event | [PreRender](http://msdn.microsoft.com/en-us/library/system.web.ui.control.prerender%28v=vs.100%29.aspx) | Occurs after the [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx) object is loaded but prior to rendering. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Public event | [Unload](http://msdn.microsoft.com/en-us/library/system.web.ui.control.unload%28v=vs.100%29.aspx) | Occurs when the server control is unloaded from memory. (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |

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[Extension Methods](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public Extension Method | [EnableDynamicData(Type)](http://msdn.microsoft.com/en-us/library/ee732250%28v=vs.100%29.aspx) | Overloaded. Enables Dynamic Data behavior for the specified data control. (Defined by [DataControlExtensions](http://msdn.microsoft.com/en-us/library/system.web.ui.datacontrolextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [EnableDynamicData(Type, Object)](http://msdn.microsoft.com/en-us/library/ee732279%28v=vs.100%29.aspx) | Overloaded. Enables Dynamic Data behavior for the specified data control. (Defined by [DataControlExtensions](http://msdn.microsoft.com/en-us/library/system.web.ui.datacontrolextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [EnableDynamicData(Type, IDictionary<String, Object>)](http://msdn.microsoft.com/en-us/library/ee732251%28v=vs.100%29.aspx) | Overloaded. Enables Dynamic Data behavior for the specified data control. (Defined by [DataControlExtensions](http://msdn.microsoft.com/en-us/library/system.web.ui.datacontrolextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [FindDataSourceControl](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions.finddatasourcecontrol%28v=vs.100%29.aspx) | Returns the data source that is associated with the data control for the specified control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [FindFieldTemplate](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions.findfieldtemplate%28v=vs.100%29.aspx) | Returns the field template for the specified column in the specified control's naming container. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [FindMetaTable](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions.findmetatable%28v=vs.100%29.aspx) | Returns the metatable object for the containing data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [GetDefaultValues](http://msdn.microsoft.com/en-us/library/dd989758%28v=vs.100%29.aspx) | Gets the collection of the default values for the specified data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [GetMetaTable](http://msdn.microsoft.com/en-us/library/dd989686%28v=vs.100%29.aspx) | Gets the table metadata for the specified data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [SetMetaTable(MetaTable)](http://msdn.microsoft.com/en-us/library/dd989461%28v=vs.100%29.aspx) | Overloaded. Sets the table metadata for the specified data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [SetMetaTable(MetaTable, IDictionary<String, Object>)](http://msdn.microsoft.com/en-us/library/dd989869%28v=vs.100%29.aspx) | Overloaded. Sets the table metadata and default value mapping for the specified data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [SetMetaTable(MetaTable, Object)](http://msdn.microsoft.com/en-us/library/dd989464%28v=vs.100%29.aspx) | Overloaded. Sets the table metadata and default value mapping for the specified data control. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |
| Public Extension Method | [TryGetMetaTable](http://msdn.microsoft.com/en-us/library/dd989821%28v=vs.100%29.aspx) | Determines whether table metadata is available. (Defined by [DynamicDataExtensions](http://msdn.microsoft.com/en-us/library/system.web.dynamicdata.dynamicdataextensions%28v=vs.100%29.aspx).) |

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[Explicit Interface Implementations](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Explicit interface implemetationPrivate property | IControlBuilderAccessor.ControlBuilder | For a description of this member, see [IControlBuilderAccessor.ControlBuilder](http://msdn.microsoft.com/en-us/library/system.web.ui.icontrolbuilderaccessor.controlbuilder%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate method | IControlDesignerAccessor.GetDesignModeState | For a description of this member, see [IControlDesignerAccessor.GetDesignModeState](http://msdn.microsoft.com/en-us/library/system.web.ui.icontroldesigneraccessor.getdesignmodestate%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate method | IControlDesignerAccessor.SetDesignModeState | For a description of this member, see [IControlDesignerAccessor.SetDesignModeState](http://msdn.microsoft.com/en-us/library/system.web.ui.icontroldesigneraccessor.setdesignmodestate%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate method | IControlDesignerAccessor.SetOwnerControl | Infrastructure. For a description of this member, see [IControlDesignerAccessor.SetOwnerControl](http://msdn.microsoft.com/en-us/library/system.web.ui.icontroldesigneraccessor.setownercontrol%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate property | IControlDesignerAccessor.UserData | For a description of this member, see [IControlDesignerAccessor.UserData](http://msdn.microsoft.com/en-us/library/system.web.ui.icontroldesigneraccessor.userdata%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate property | IDataBindingsAccessor.DataBindings | For a description of this member, see [IDataBindingsAccessor.DataBindings](http://msdn.microsoft.com/en-us/library/system.web.ui.idatabindingsaccessor.databindings%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate property | IDataBindingsAccessor.HasDataBindings | For a description of this member, see [IDataBindingsAccessor.HasDataBindings](http://msdn.microsoft.com/en-us/library/system.web.ui.idatabindingsaccessor.hasdatabindings%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate property | IExpressionsAccessor.Expressions | For a description of this member, see [IExpressionsAccessor.Expressions](http://msdn.microsoft.com/en-us/library/system.web.ui.iexpressionsaccessor.expressions%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate property | IExpressionsAccessor.HasExpressions | For a description of this member, see [IExpressionsAccessor.HasExpressions](http://msdn.microsoft.com/en-us/library/system.web.ui.iexpressionsaccessor.hasexpressions%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |
| Explicit interface implemetationPrivate method | IParserAccessor.AddParsedSubObject | For a description of this member, see [IParserAccessor.AddParsedSubObject](http://msdn.microsoft.com/en-us/library/system.web.ui.iparseraccessor.addparsedsubobject%28v=vs.100%29.aspx). (Inherited from [Control](http://msdn.microsoft.com/en-us/library/system.web.ui.control%28v=vs.100%29.aspx).) |

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[Remarks](javascript:void(0))

In this topic:

* [Introduction](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#introduction)
* [Data Binding](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#data_binding)
* [Templates](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#templates)
* [Declarative Syntax](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx#declarative_syntax)

**Introduction**

The Repeater control is a basic templated data-bound list. It has no built-in layout or styles, so you must explicitly declare all layout, formatting, and style tags within the control's templates.

The Repeater control allows you to split markup tags across the templates. To create a table using templates, include the begin table tag (<table>) in the [HeaderTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.headertemplate%28v=vs.100%29.aspx), a single table row tag (<tr>) in the [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx), and the end table tag (</table>) in the [FooterTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.footertemplate%28v=vs.100%29.aspx).

The Repeater control has no built-in selection capabilities or editing support. You can use the [ItemCommand](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemcommand%28v=vs.100%29.aspx) event to process control events that are raised from the templates to the control.

|  |
| --- |
| **Caution noteCaution** |
| This control can be used to display user input, which might include malicious client script. Check any information that is sent from a client for executable script, SQL statements, or other code before displaying it in your application. ASP.NET provides an input request validation feature to block script and HTML in user input. Validation server controls are also provided to assess user input. For more information, see [Validation Server Control Syntax](http://msdn.microsoft.com/en-us/library/e5a8xz39%28v=vs.100%29.aspx). |

**Data Binding**

The Repeater control provides two properties to support data binding. To bind data to any collection that implements the [System.Collections.IEnumerable](http://msdn.microsoft.com/en-us/library/system.collections.ienumerable%28v=vs.100%29.aspx) interface (such as a [System.Data.DataView](http://msdn.microsoft.com/en-us/library/system.data.dataview%28v=vs.100%29.aspx), a [System.Collections.ArrayList](http://msdn.microsoft.com/en-us/library/system.collections.arraylist%28v=vs.100%29.aspx), or an array), or the [IListSource](http://msdn.microsoft.com/en-us/library/system.componentmodel.ilistsource%28v=vs.100%29.aspx) interface, use the [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) property to specify the data source. When you set the [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) property, you must manually write the code to perform data binding. To automatically bind the Repeater control to a data source represented by a data source control, set the [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) property to the [ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) of the data source control to use. When you set the [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.basedatalist.datasourceid%28v=vs.100%29.aspx) property, the Repeater control automatically binds to the specified data source control on the first request. Therefore, you do not need to explicitly call the [DataBind](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.basedatalist.databind%28v=vs.100%29.aspx) method unless you have changed data-related properties of the Repeater control.

A Repeater control binds its [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx) and [AlternatingItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.alternatingitemtemplate%28v=vs.100%29.aspx) to either the data model declared and referenced by its [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) property or the data source control specified by its [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) property. The [HeaderTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.headertemplate%28v=vs.100%29.aspx), [FooterTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.footertemplate%28v=vs.100%29.aspx), and [SeparatorTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.separatortemplate%28v=vs.100%29.aspx) are not data-bound.

If the Repeater control's data source is set but no data is returned, the control renders the [HeaderTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.headertemplate%28v=vs.100%29.aspx) and [FooterTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.footertemplate%28v=vs.100%29.aspx) with no items. If the data source is null, the Repeater is not rendered.

**Templates**

At a minimum, every Repeater control must define an [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx). However, other optional templates described in the following table can be used to customize the appearance of the list.

|  |  |
| --- | --- |
| **Template name** | **Description** |
| [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx) | Defines the content and layout of items within the list. This template is required. |
| [AlternatingItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.alternatingitemtemplate%28v=vs.100%29.aspx) | If defined, determines the content and layout of alternating (zero-based odd-indexed) items. If not defined, [ItemTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.itemtemplate%28v=vs.100%29.aspx) is used. |
| [SeparatorTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.separatortemplate%28v=vs.100%29.aspx) | If defined, is rendered between items (and alternating items). If not defined, a separator is not rendered. |
| [HeaderTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.headertemplate%28v=vs.100%29.aspx) | If defined, determines the content and layout of the list header. If not defined, a header is not rendered. |
| [FooterTemplate](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.footertemplate%28v=vs.100%29.aspx) | If defined, determines the content and layout of the list footer. If not defined, a footer is not rendered. |

**Declarative Syntax**

<asp:Repeater

    DataMember="string"

    DataSource="string"

    DataSourceID="string"

    EnableTheming="True|False"

    EnableViewState="True|False"

    ID="string"

    OnDataBinding="DataBinding event handler"

    OnDisposed="Disposed event handler"

    OnInit="Init event handler"

    OnItemCommand="ItemCommand event handler"

    OnItemCreated="ItemCreated event handler"

    OnItemDataBound="ItemDataBound event handler"

    OnLoad="Load event handler"

    OnPreRender="PreRender event handler"

    OnUnload="Unload event handler"

    runat="server"

    Visible="True|False"

>

        <AlternatingItemTemplate>

<!-- child controls -->

        </AlternatingItemTemplate>

        <FooterTemplate>

<!-- child controls -->

        </FooterTemplate>

        <HeaderTemplate>

<!-- child controls -->

        </HeaderTemplate>

        <ItemTemplate>

<!-- child controls -->

        </ItemTemplate>

        <SeparatorTemplate>

<!-- child controls -->

        </SeparatorTemplate>

</asp:Repeater>

| **Topic** | **Location** |
| --- | --- |
| [How to: Create ASP.NET Web Control Templates Declaratively](http://msdn.microsoft.com/en-us/library/3326cdex%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How to: Add a Repeater Control to a Web Forms Page](http://msdn.microsoft.com/en-us/library/zzx23804%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How to: Add Controls to an ASP.NET Web Page Programmatically](http://msdn.microsoft.com/en-us/library/kyt0fzt1%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How To: Create ASP.NET Web Server Control Templates Dynamically](http://msdn.microsoft.com/en-us/library/0e39s2ck%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How to: Bind to Data in a Templated Control](http://msdn.microsoft.com/en-us/library/95k0273d%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How to: Respond to Button Events in DataList, Repeater, or GridView Items](http://msdn.microsoft.com/en-us/library/df6hth3s%28v=vs.85%29.aspx) | Building ASP .NET Web Applications |
| [How to: Create ASP.NET Web Server Control Templates](http://msdn.microsoft.com/en-us/library/0yc8bb09%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How to: Create ASP.NET Web Control Templates Declaratively](http://msdn.microsoft.com/en-us/library/3326cdex%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How to: Add a Repeater Control to a Web Forms Page](http://msdn.microsoft.com/en-us/library/zzx23804%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How to: Add Controls to an ASP.NET Web Page Programmatically](http://msdn.microsoft.com/en-us/library/kyt0fzt1%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How To: Create ASP.NET Web Server Control Templates Dynamically](http://msdn.microsoft.com/en-us/library/0e39s2ck%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How to: Bind to Data in a Templated Control](http://msdn.microsoft.com/en-us/library/95k0273d%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [How to: Respond to Button Events in DataList, Repeater, or GridView Items](http://msdn.microsoft.com/en-us/library/df6hth3s%28v=vs.80%29.aspx) | Building ASP .NET Web Applications |
| [Walkthrough: Creating and Using ASP.NET Master Pages in Visual Web Developer](http://msdn.microsoft.com/en-us/library/ehszf8ax%28v=vs.80%29.aspx) | Building ASP .NET Web Applications in Visual Studio |
| [How to: Create Web Server Control Templates Using the Designer](http://msdn.microsoft.com/en-us/library/c9cbwsf3%28v=vs.80%29.aspx) | Building ASP .NET Web Applications in Visual Studio |
| [How to: Add Repeater Web Server Controls to a Web Forms Page (Visual Studio)](http://msdn.microsoft.com/en-us/library/x4s0xktt%28v=vs.80%29.aspx) | Building ASP .NET Web Applications in Visual Studio |
| [Walkthrough: Data Binding to a Custom Business Object](http://msdn.microsoft.com/en-us/library/1se6685s%28v=vs.80%29.aspx) | Building ASP .NET Web Applications in Visual Studio |
| [How to: Bind to Data in a Templated Control in Visual Studio](http://msdn.microsoft.com/en-us/library/ms178369%28v=vs.80%29.aspx) | Building ASP .NET Web Applications in Visual Studio |

[Examples](javascript:void(0))

A Visual Studio Web site project with source code is available to accompany this topic: [Download](http://go.microsoft.com/fwlink/?LinkId=192873).

The following code example demonstrates how to use two simple Repeater controls on a page. The [DataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasource%28v=vs.100%29.aspx) property is used to specify the data source for the Repeater control. The first Repeater displays its items in a table; the second Repeater displays its items in a comma-separated list.

C#

[VB](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx?cs-save-lang=1&cs-lang=vb#code-snippet-4)

<%@ Page Language="C#" AutoEventWireup="True" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >

<head>

<title>Repeater Example</title>

<script language="C#" runat="server">

void Page\_Load(Object Sender, EventArgs e) {

if (!IsPostBack) {

ArrayList values = new ArrayList();

values.Add(new PositionData("Microsoft", "Msft"));

values.Add(new PositionData("Intel", "Intc"));

values.Add(new PositionData("Dell", "Dell"));

Repeater1.DataSource = values;

Repeater1.DataBind();

Repeater2.DataSource = values;

Repeater2.DataBind();

}

}

public class PositionData {

private string name;

private string ticker;

public PositionData(string name, string ticker) {

this.name = name;

this.ticker = ticker;

}

public string Name {

get {

return name;

}

}

public string Ticker {

get {

return ticker;

}

}

}

</script>

</head>

<body>

<h3>Repeater Example</h3>

<form id="form1" runat="server">

<b>Repeater1:</b>

<br />

<asp:Repeater id="Repeater1" runat="server">

<HeaderTemplate>

<table border="1">

<tr>

<td><b>Company</b></td>

<td><b>Symbol</b></td>

</tr>

</HeaderTemplate>

<ItemTemplate>

<tr>

<td> <%# DataBinder.Eval(Container.DataItem, "Name") %> </td>

<td> <%# DataBinder.Eval(Container.DataItem, "Ticker") %> </td>

</tr>

</ItemTemplate>

<FooterTemplate>

</table>

</FooterTemplate>

</asp:Repeater>

<br />

<b>Repeater2:</b>

<br />

<asp:Repeater id="Repeater2" runat="server">

<HeaderTemplate>

Company data:

</HeaderTemplate>

<ItemTemplate>

<%# DataBinder.Eval(Container.DataItem, "Name") %> (<%# DataBinder.Eval(Container.DataItem, "Ticker") %>)

</ItemTemplate>

<SeparatorTemplate>, </SeparatorTemplate>

</asp:Repeater>

</form>

</body>

</html>

The following code example demonstrates how to use the [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) property to specify the data source for a Repeater control. The [DataSourceID](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater.datasourceid%28v=vs.100%29.aspx) property is set to the [ID](http://msdn.microsoft.com/en-us/library/system.web.ui.control.id%28v=vs.100%29.aspx) property of the [SqlDataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.sqldatasource%28v=vs.100%29.aspx) control used to retrieve the data. When the page is loaded, the Repeater control automatically binds to the data source specified by the [SqlDataSource](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.sqldatasource%28v=vs.100%29.aspx) control and the data is displayed to the user.

C#

[VB](http://msdn.microsoft.com/en-us/library/system.web.ui.webcontrols.repeater%28v=vs.100%29.aspx?cs-save-lang=1&cs-lang=vb#code-snippet-5)

<%@ page language="C#" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >

<head>

<title>Repeater.DataSourceID Property Example</title>

</head>

<body>

<form id="Form1" runat="server">

<h3>Repeater.DataSourceID Property Example</h3>

<asp:repeater id="Repeater1"

datasourceid="SqlDataSource1"

runat="server">

<headertemplate>

<table border="1">

<tr>

<td><b>Product ID</b></td>

<td><b>Product Name</b></td>

</tr>

</headertemplate>

<itemtemplate>

<tr>

<td> <%# Eval("ProductID") %> </td>

<td> <%# Eval("ProductName") %> </td>

</tr>

</itemtemplate>

<footertemplate>

</table>

</footertemplate>

</asp:repeater>

<asp:sqldatasource id="SqlDataSource1"

connectionstring="<%$ ConnectionStrings:NorthWindConnection%>"

selectcommand="SELECT ProductID, ProductName FROM [Products] Where ProductID <= 10"

runat="server">

</asp:sqldatasource>

</form>

</body>

</html>

[Version Information](javascript:void(0))

**.NET Framework**

Supported in: 4, 3.5, 3.0, 2.0, 1.1, 1.0

[Platforms](javascript:void(0))

Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows XP SP2 x64 Edition, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

The .NET Framework does not support all versions of every platform. For a list of the supported versions, see [.NET Framework System Requirements](http://msdn.microsoft.com/en-us/library/8z6watww%28v=vs.100%29.aspx).

[Thread Safety](javascript:void(0))

Any public static (Shared in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.