
ComponentOne

Expander for ASP.NET Web Forms

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Overview

Expander for ASP.NET Web Forms allows you to show or hide embedded or external content within an expanding panel using various animation effects. The expanding content can be shown or hidden by clicking on the expander header.

Getting Started

To get started, review the following topics:

- [Key Features](#)
- [Quick Start](#)
- [Samples](#)

Help with ASP.NET Web Forms Edition

Getting Started

For information on installing **ASP.NET Web Forms Edition**, licensing, technical support, namespaces and creating a project with the control, please visit [Getting Started with ASP.NET Web Forms Edition](#).

Key Features

Expander for ASP.NET Web Forms allows you to show or hide embedded or external content within an expanding panel using various animation effects. **C1Expander** includes several unique features, including the following:

- **Expand Directions**
C1Expander has the ability to expand in several different directions. The [ExpandDirection](#) property indicated in which direction the control expands and can be set to **Top**, **Right**, **Bottom**, and **Left**. See [Expand Direction](#) for more information.
- **External Content**
You can show external content in the control using the **ContentUrl** property. This means that you can have the content of another Web page in your project or even the content of a Web site outside of your project appear in a **C1Expander**. For more information see [Displaying External Content](#).
- **Animation**
Expander includes built-in animation effects, such as linear or elastic easing, that can be set when the control is expanded or collapsed. Customize how animations are

transitioned using the built-in animation transition option. You also have the ability to modify the length of the animation effects.

- **Page Load**
You can choose whether or not the **C1Expander** control is initially expanded on page load by using the [Expanded](#) property. By default the [Expanded](#) property is set to **True** and the control is initially appears expanded. See [Initial Expand State](#) for more information.
- **Theming**
With just a click of the SmartTag, change the expander's look by selecting one of the 6 premium themes (Arctic, Midnight, Aristo, Rocket, Cobalt, and Sterling). Optionally, use ThemeRoller from jQuery UI to create a customized theme!
- **CSS Support**
Use a cascading style sheet (CSS) style to define custom skins. CSS support allows you to match the expander to your organization's standards.

See Also

[Quick Start](#)

Quick Start

In this quick start you'll explore the functionality of the **C1Expander** control. **C1Expander** provides the ability to expand and contract content with several built-in animation effects.

See Also

[Step 1 of 3: Adding C1Expander to the Page](#)

[Step 2 of 3: Adding Content to the C1Expander Control](#)

[Step 3 of 3: Customizing C1Expander's Appearance and Behavior](#)

Step 1 of 3: Adding C1Expander to the Page

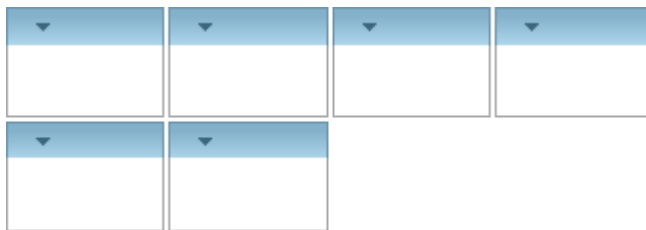
In this step you'll create and set up a Web site and add eight **C1Expander** controls. Complete the following steps to add **C1Expander** controls to a Web site:

1. From the Visual Studio **File** menu select **New | Project**. The **New Project** dialog box will appear.
2. In the **New Project** dialog box expand a language in the left-hand pane and select **Web**. In the right pane, choose **ASP.NET Empty Web Application**, enter a **Name** for your application, and select **OK**. A new application will be created.
3. In the Solution Explorer, right-click the project and choose **Add Reference**.
4. In the **Add Reference** dialog box, locate and select the **C1.Web.Wijmo.Controls** and **C1.Web.Wijmo.Controls.Design** assemblies and click **OK**. The references will be added.

5. Right-click the project in the Solution Explorer and from the context menu choose **Add | New Item**.
6. In the **Add New Item** dialog box choose **Web Form** from the list of templates, name the item "Default.aspx", and click **Add**. The new page should open.
7. In Source view add the following DIV tags to the body of your page, between the page's initial `<div></div>` tags:
- 8.
9.

```
<div id="row1" style="width: 550px; float:none; clear:both;">
    <div id="box1" style="float:left;"></div>
    <div id="box2" style="float:left;"></div>
    <div id="box3" style="float:left;"></div>
    <div id="box4" style="float:left;"></div>
</div>
<div id="row2" style="width: 550px; float:none; clear:both;">
    <div id="box5" style="float:left;"></div>
    <div id="box6" style="float:left;"></div>
</div>
```

This will create two rows, each containing four small boxes.
10. Place your mouse between the `<div id="box1" style="float:left;">` and `</div>` tags, navigate to the Visual Studio Toolbox, and double-click the **C1Expander** control to add the control to the box.
11. Repeat the previous step with each box to add a total of six **C1Expander** controls to the page, one in each box (**C1Expander1** to **C1Expander 4** in the top row and **C1Expander5** to **C1Expander6** in the bottom row).
12. Run your application and observe that the page appears similar to the following:



13. Click on the header of one of the **C1Expander** controls. Observe that clicking on any **C1Expander**'s header will collapse the **C1Expander** control. Clicking on a collapsed **C1Expander**'s header will expand the control.

For example, when all of the controls are collapsed the page will look as follows:



In this step you added **C1Expander** controls to the form. In the next step of the quick start, you'll add content to those controls.

See Also

[Step 2 of 3: Adding Content to the C1Expander Control](#)

Step 2 of 3: Adding Content to the C1Expander Control

Adding content to the [C1Expander](#) control is as simple as clicking in the body of the control and typing text or adding controls. The following steps assume you've completed [Step 1 of 3: Adding C1Expander to the Page](#) topic and added eight [C1Expander](#) controls to the page.

Complete the following steps to change the content of each [C1Expander](#) control's header and body:

12. In Design view click in the top-left **C1Expander** control's header and type in "Top".
13. Switch to **Source** view. Notice that the control's markup has changed. **Header** and **Content** tags have been added and the markup appears similar to the following:
- 14.
15.

```
<c1:C1Expander ID="C1Expander1" runat="server">
    <Header>Top</Header>
    <Content></Content>
</c1:C1Expander>
```
16. Edit the **Content** tag so that it appears similar to the following:

```
<Content>Box1</Content>
```

This will add text to the body of the **C1Expander** control.

17. Edit the markup of each of the **C1Expander** controls to add **Header** and **Content** text so that your markup appears like the following:
- 18.
19.

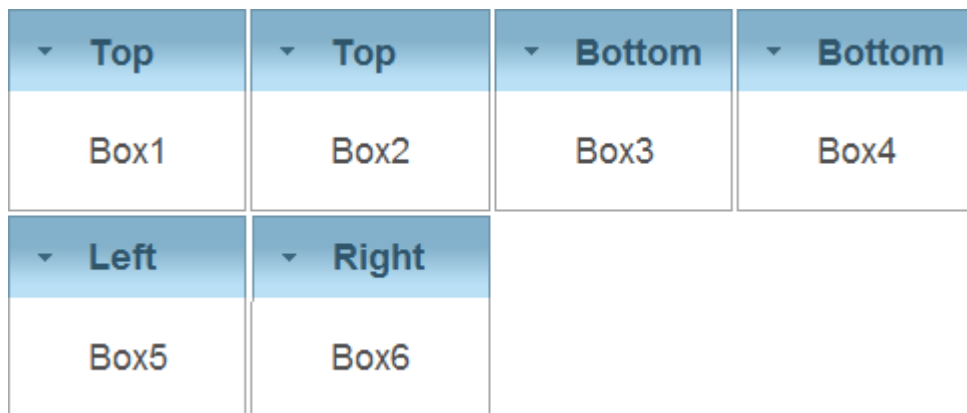
```
<div>
    <div id="row1" style="width: 550px; float:none;
clear:both;">
        <div id="box1" style="float:left;">
            <c1:C1Expander ID="C1Expander1" runat="server">
                <Header>Top</Header>
                <Content>Box1</Content>
            </c1:C1Expander>
        </div>
        <div id="box2" style="float:left;">
            <c1:C1Expander ID="C1Expander2" runat="server">
                <Header>Top</Header>
                <Content>Box2</Content>
            </c1:C1Expander>
        </div>
        <div id="box3" style="float:left;">
            <c1:C1Expander ID="C1Expander3" runat="server">
                <Header>Bottom</Header>
                <Content>Box3</Content>
            </c1:C1Expander>
        </div>
        <div id="box4" style="float:left;">
            <c1:C1Expander ID="C1Expander4" runat="server">
                <Header>Bottom</Header>
                <Content>Box4</Content>
            </c1:C1Expander>
        </div>
    </div>
```

```

</div>
<div id="row2" style="width: 550px; float:none; clear:both;">
  <div id="box5" style="float:left;">
    <cc1:C1Expander ID="C1Expander5" runat="server">
      <Header>Left</Header>
      <Content>Box5</Content>
    </cc1:C1Expander>
  </div>
  <div id="box6" style="float:left;">
    <cc1:C1Expander ID="C1Expander6" runat="server">
      <Header>Right</Header>
      <Content>Box6</Content>
    </cc1:C1Expander>
  </div>
</div>

```

20. Run your application, and observe that the page now looks similar to the following image:



In this step you added content to [C1Expander](#) controls. In the next step you'll customize the appearance and behavior of the controls.

See Also

[Step 3 of 3: Customizing C1Expander's Appearance and Behavior](#)

Step 3 of 3: Customizing C1Expander's Appearance and Behavior

You can easily customize **C1Expander**'s appearance and behavior with **C1Expander**'s built-in design-time support. In the following steps you'll set the control's initial state as collapsed and customize the expand direction of each control. The following steps assume you've completed [Step 2 of 3: Adding Content to the C1Expander Control](#) topic.

Complete the following steps:

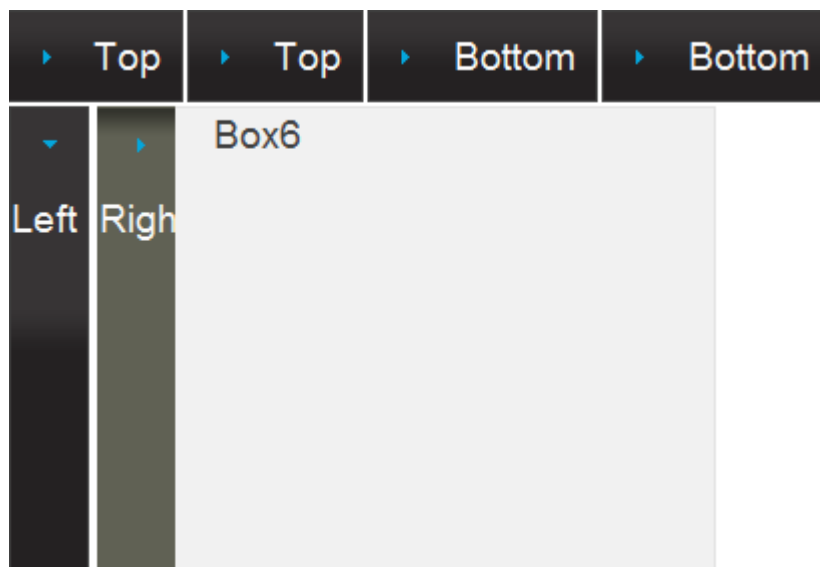
17. Click the top-left **C1Expander**'s smart tag (the control marked **Box1**) to open the **C1Expander Tasks** menu.
18. Set the following properties in the **C1Expander Tasks** menu:

- Uncheck the [Expanded](#) check box to set the [Expanded](#) property to **False** and set the **C1Expander**'s initial state to collapsed.
 - Click the drop-down arrow next to the **Theme** property and choose "rocket".
 - Click the drop-down arrow next to [ExpandDirection](#) and select **Top** to set the **C1Expander**'s body to expand above the header.
19. Click the remaining **C1Expander**'s smart tags to open their **C1Expander Tasks** menu, and set the following properties:
- Uncheck the [Expanded](#) check box to set the [Expanded](#) property to **False** and set the **C1Expander**'s initial state to collapsed.
 - Click the drop-down arrow next to the **Theme** property and choose "rocket".
 - Set the [ExpandDirection](#) property to reflect the text in each **C1Expander**'s header.

For example the [ExpandDirection](#) of the first two **C1Expander** controls in the first row should be set to **Top** and the last two **C1Expander** controls in the first row should remain set to **Bottom**. The first control in the second row should be set to **Left** and the last control in the second row should be set to **Right**.

20. Run the application and observe that the **C1Expander** controls now initially appear collapsed and that, on clicking the header of each control, they expand in the direction indicated in the header of each control.

For example, in the following image only the last control is expanded and all the rest are collapsed:



In this step you customized the appearance and behavior of the controls. Congratulations, you've completed this quick start guide!

See Also

[Design-Time Support](#)

Top Tips

This section details some tips and best practices that may be helpful when using **Expander for ASP.NET Web Forms**. The following tips were compiled from frequently asked user questions posted in the [C1Expander forum](#).

Tip 1: Prevent poor page rendering in quirks mode by editing the meta tag to fix rendering.

If a user's browser is rendering a page in quirks mode, widgets and controls may not appear correctly on the page. This is indicated by a broken page icon in the address bar. In

Compatibility View, the browser uses an older rendering engine.



Users can set this view that causes the issue. To prevent rendering in quirks mode, you can force the page to render with the latest browser. Add the following meta tag to the header of the page:

```
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />
```

Tip 2: Set Themes to Change the Appearance of the Control

Expander for ASP.NET Web Forms includes several built-in themes to quickly style your application. See [Themes](#) for more information.

Tip 3: Use Header and Content Templates

You can easily reuse content by using Header and Content templates. Templates make it simple to copy and use content across multiple [C1Expander](#) controls. For more information, see [Header and Content Templates](#).

Tip 4: User Client-Side Script to Save Server Load

Expander for ASP.NET Web Forms had a robust client-side object model, where a majority of server-side properties can be set on the client side and client-side events are described in the properties window. When a [C1Expander](#) control is rendered, an instance of the client side control will be created automatically. This means that you can enjoy the convenience of accessing properties and methods of the [C1Expander](#) control without having to postback to the server.

Elements

This section provides a visual and descriptive overview of the elements that comprise the [C1Expander](#) control. The topics are categorized into the two distinct elements, the header element and the content element, that represent different aspects of the control.

See Also

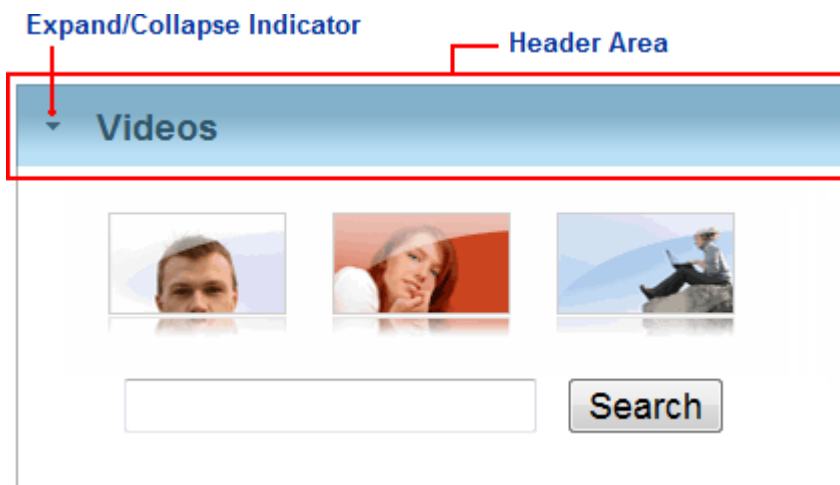
[Header Element](#)

[Content Element](#)

Header Element

The **C1Expander**'s header area appears at the top of the control and initially appears blank. You can add content, including text, HTML content, images, and other controls, to the header area of the **C1Expander** using the header template. Elements in the header area of the control can be added and moved on the control at design time through a simple drag-and-drop operation.

The following image labels the header area of the **C1Expander** control:



Note the expand/collapse indicator that appears and indicates the header's expand and collapse direction.

You can use the following element to customize the header area of the **C1Expander** control:

- **Header**

Header

You can add content to the header area of the control at design time. To add content, simply click in the header area of the control and begin typing, or add images or controls to the header area as you would normally.

When you add content to the **C1Expander**'s header and switch to Source view you will notice that your content appears inside `<Header>` tags inside the `<cc1:C1Expander>` tags:

```
<cc1:C1Expander ID="C1Expander1" runat="server">
  <Header>
    Header
  </Header>
  <Content>
    Content
  </Content>
</cc1:C1Expander>
```

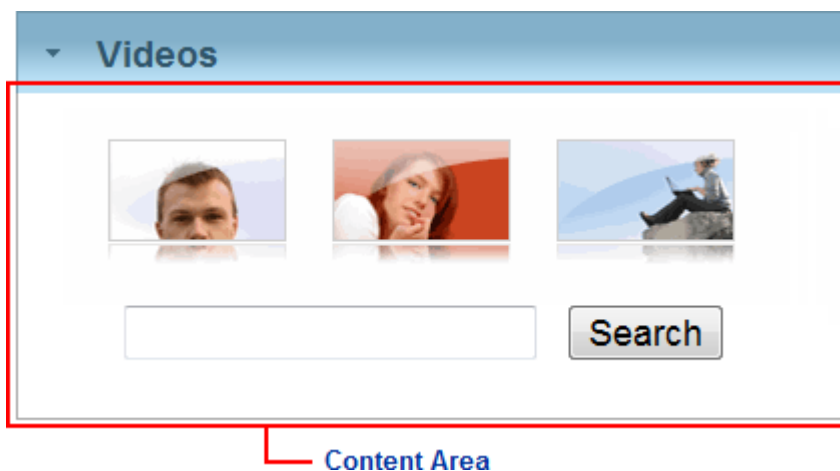
See Also

[Content Element](#)

Content Element

The **C1Expander**'s content area initially consists of an empty area with the text "Content". In the content area you can add rich text through custom HTML content, URL links through the **ContentUrl** property, and add arbitrary controls through the content template. Elements in the content area of the control can be added and moved on the control at design time through a simple drag-and-drop operation.

The following image labels the content area of the **C1Expander** control:



You can use the following elements to customize the content area of the **C1Expander** control:

- **Content**
- **ContentUrl**

Content

You can add content to the control at design time. To add content, simply click in the content area of the control and begin typing, or add images or controls to the content areas as you would normally.

When you add content to the **C1Expander** control and switch to Source view you will notice that your content appears inside `<Content>` tags inside the `<cc1:C1Expander>` tags:

```
<cc1:C1Expander ID="C1Expander1" runat="server">
  <Header>
    Header
  </Header>
  <Content>
    Content
  </Content>
</cc1:C1Expander>
```

ContentUrl

You can use the **ContentUrl** property to set external content to appear within the content area of the **C1Expander** control. See the [Displaying External Content](#) topic for details.

See Also

[Appearance](#)

Design-Time Support

The following sections describe how to use **C1Expander**'s design-time environment to configure the **C1Expander** control.

See Also

[Smart Tag](#)

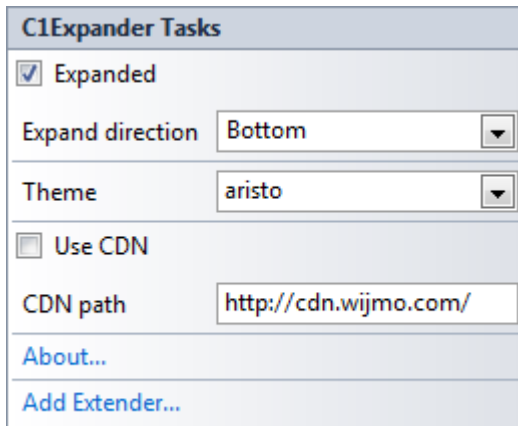
[Context Menu](#)

Smart Tag

In Visual Studio, the **C1Expander** control includes a smart tag. A smart tag represents a short-cut tasks menu that provides the most commonly used properties in **C1Expander**.

The **C1Expander** control provides quick and easy access to common properties through its smart tag.

To access the **C1Expander Tasks** menu, click on the smart tag in the upper-right corner of the **C1Expander** control. This will open the **C1Expander Tasks** menu.



The **C1Expander Tasks** menu operates as follows:

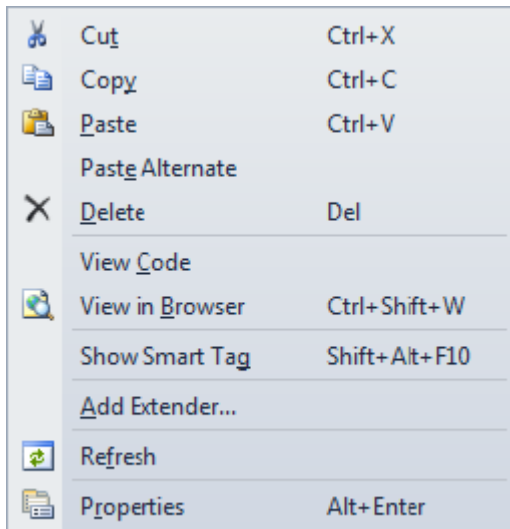
- Expanded**
 Selecting the **Expanded** check box sets the [Expanded](#) property to **True** and the **C1Expander** control will initially appear expanded on page load. By default the [Expanded](#) is selected. If you want the control to appear collapsed initially uncheck this check box.
- Expand Direction**
 Selecting the **ExpandDirection** drop-down list allows you to change the direction the **C1Expander** control will expand. The [ExpandDirection](#) property can be set to **Top**, **Right**, **Bottom**, and **Left**. By default the [ExpandDirection](#) property is set to **Bottom**.
- Theme**
 Clicking the **Theme** drop-down box allows you to select from various visual schemes. For more information about available visual styles, see [Themes](#).
- Use CDN**
 Selecting the **Use CDN** check box will indicate that the widget extender must load client resources from a content delivery network. By default this box is not checked.
- CDN Path**
 Indicates the path for the content delivery network. Enter a URL here to change the path.
- About**
 Clicking on the **About** item displays the **About** dialog box, which is helpful in finding the version number of **Expander for ASP.NET Web Forms** and online resources.
- Add Extender**
 Clicking the **Add Extender** item opens the **Extender Wizard**, allowing you to add an extender to the **C1Expander** control.

See Also

[Context Menu](#)

Context Menu

Right-click anywhere on the list to display the [C1Expander](#) context menu, which is a context menu that Visual Studio provides for all .NET controls, although the [C1Expander](#) context menu has a few extra features.



The context menu commands operate as follows:

- **Show Smart Tag**
Clicking this item shows the **C1Expander Tasks** menu. For more information on how to use the smart tag and available features in the Tasks menu, see [C1Expander Smart Tag](#).
- **Add Extender**
Clicking the **Add Extender** item opens the **Extender Wizard**, allowing you to add an extender to the **C1Expander** control.

See Also

[Elements](#)

Appearance

There are several options for customizing the appearance of the [C1Expander](#) control. The following sections describe how to change the appearance of the control through built-in themes as well as how to customize other elements of the [C1Expander](#) control.

See Also







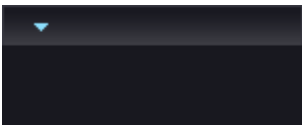

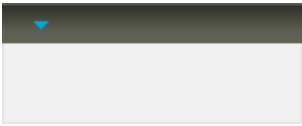



[Themes](#)

[Header and Content Templates](#)

Themes

[C1Expander](#) includes themes allowing you to easily change the control's appearance. The control includes several built-in themes allowing you to customize the control's appearance to your application. You can easily change themes from the **C1Expander Tasks** menu, from the Properties window, and in code. For more information on changing Visual Styles see the [Setting the Theme](#) topic.

The following themes are included in **Expander for ASP.NET Web Forms**:

Visual Style	Expanded Preview	Collapsed Preview
arctic		
aristo		
cobalt		
midnight		
rocket		
sterling		

Header and Content Templates

The content of the header and content areas of the [C1Expander](#) control can be controlled by using templates. [C1Expander](#) has two special properties, **Header**, and **Content**, that can be used to apply templates to the header and content areas of the [C1Expander](#) control. Header and content templates are useful for additionally customizing your [C1Expander](#) control to your application and for adding content to the header and content areas of the control.

Expanding and Collapsing C1Expander

There are several options for customizing the way that the [C1Expander](#) control appears and how the expanding and collapsing animations of the control are handled. The following

sections describe how to set the initial expand state and set the direction to which the control expands.

See Also

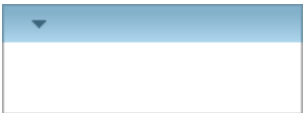

[Initial Expand State](#)

[Expand Direction](#)

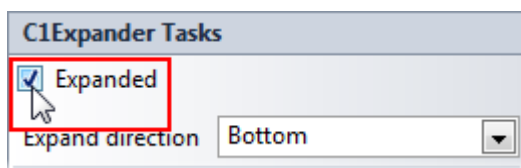
Initial Expand State

You can choose how the [C1Expander](#) control appears on the form initially using the [Expanded](#) property. By default the [Expanded](#) property is set to **True** and the control initially appears expanded when the page is loaded. You can set the [Expanded](#) property to **False** to set the control to initially appear collapsed when the page is loaded.

So, for example, in the **Aristo** theme:

Expanded Setting	Initial State Preview
True (default)	
False	

You can set the [Expanded](#) property in the **C1Expander Tasks** menu, in the Properties window, in Source view, and in Code. To set the [Expanded](#) property in the **C1Expander Tasks** menu, uncheck or check the **Expanded** box:





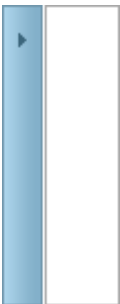

See Also

[Expand Direction](#)

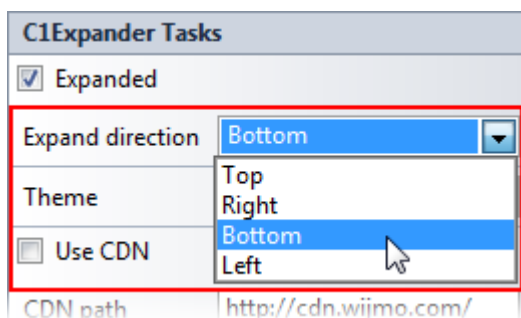
Expand Direction

[C1Expander](#) includes the option to specify the expand direction using the [ExpandDirection](#) property. In addition to setting how the direction the control expands, changing the [ExpandDirection](#) also changes the header's orientation to the content area of the control. By default the [ExpandDirection](#) property is set to **Bottom** and the control expands from top to bottom.

So, for example, in the **Aristo** theme:

ExpandDirection Setting	Preview
Bottom (default)	
Top	
Right	
Left	

You can set the [ExpandDirection](#) property in the **C1Expander Tasks** menu, in the Properties window, in Source view, and in Code. To set the [ExpandDirection](#) property in the **C1Expander Tasks** menu, select the **ExpandDirection** drop-down box:



See Also

[Task-Based Help](#)

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 Studio. The **ControlExplorer** sample includes a section that details some of the functionality available in the **C1Expander** control.

Task-Based Help

The task-based help assumes that you are familiar with programming in ASP.NET and know how to use controls in general. By following the steps outlined in the help, you will be able to create projects demonstrating a variety of [C1Expanders](#) features, and get a good sense of what the [C1Expander](#) control can do.

Each topic provides a solution for specific tasks using the [C1Expander](#) control. Each task-based help topic also assumes that you have created a new ASP.NET project and added references to the appropriate assemblies.

See Also

[Creating a C1Expander in Code](#)

[Setting Post Back](#)

[Adding Keyboard Support](#)

[Setting the Theme](#)

[Resizing the Control](#)

[Displaying External Content](#)

Creating a C1Expander in Code

Creating a [C1Expander](#) control in code is fairly simple. In the following steps you'll add a **Placeholder** control to the page, add an import statement, add and customize the [C1Expander](#), and add the control to the **Placeholder**.

Complete the following steps:

1. In Design view, navigate to the Visual Studio Toolbox and add a **Placeholder** control to your page.
2. Double-click the page to create the **Page_Load** event and switch to Code view.
3. Add the following statement to the top of the Code Editor to import the appropriate namespace:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
Imports C1.Web.Wijmo.Controls.C1Expander	

To write code in C#

C#	Copy Code
using C1.Web.Wijmo.Controls.C1Expander;	

4. Add the following code to the **Page_Load** event to create and customize the **C1Expander** control.

To write code in Visual Basic

Visual Basic	Copy Code
<pre>' Create a new C1Expander. Dim C1E As New C1Expander ' Set the control's size, appearance, and content. C1E.VisualStudio = "Office2007Blue" C1E.Height = 200 C1E.Width = 200 C1E.ContentUrl = "http://www.wikipedia.com/" ' Add the C1Expander to the Placeholder control. Placeholder1.Controls.Add(C1E)</pre>	

To write code in C#

C#	Copy Code
<pre>// Create a new C1Expander. C1Expander C1E = new C1Expander(); // Set the control's size, appearance, and content. C1E.VisualStudio = "Office2007Blue"; C1E.Height = 200; C1E.Width = 200; C1E.ContentUrl = "http://www.wikipedia.com/"; // Add the C1Expander to the Placeholder control.</pre>	

```
Placeholder1.Controls.Add(C1E);
```

What You've Accomplished

Run your application and observe that the [C1Expander](#) control was created and displays external content:



See Also

[Setting Post Back](#)

Setting Post Back

You can easily set whether or not [C1Expander](#) automatically posts back to the server by using the **AutoPostBack** property. By default the **AutoPostBack** property is set to **False** and the **C1Expander** control does not automatically post back to the server; to allow **C1Expander** to post back to the server, set **AutoPostBack** to **True**.

In Source View

In Source view add `AutoPostBack="True"` to the `<cc1:C1Expander>` tag so it appears similar to the following:

```
<cc1:C1Expander ID="C1Expander1" runat="server" AutoPostBack="True">
```

In Design View

In Design view select the **C1Expander** control and in the Properties window set the **AutoPostBack** property to **True**.

In Code

Add the following code to the **Page_Load** event to set the **AutoPostBack** property to **True**:

[To write code in Visual Basic](#)

Visual Basic

Copy Code


```
Me.C1Expander1.AutoPostBack = True
```

[To write code in C#](#)

C#	Copy Code
<pre>this.C1Expander1.AutoPostBack = true;</pre>	

See Also

[Adding Keyboard Support](#)

Adding Keyboard Support

The **C1Expander** control lets you easily add keyboard accessibility to the control. You can use **AccessKey** property to set how the user navigates to the control and through your user interface.

In the following examples you'll set the **AccessKey** property to **e** so that pressing the ALT+E key combination at run time brings the **C1Expander** control into focus.

In Source View

In Source view add `AccessKey="e"` to the `<cc1:C1Expander>` tag so it appears similar to the following:

```
<cc1:C1Expander ID="C1Expander1" runat="server" AccessKey="e">
```

In Design View

In Design view, select the **C1Expander** control and in the Properties window set the **AccessKey** property to **e**.

In Code

Add the following code to the **Page_Load** event to set the **AccessKey** property to **e**:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1Expander1.AccessKey = "e"</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.C1Expander1.AccessKey = "e";</pre>	

See Also

[Setting the Theme](#)

Setting the Theme

The control includes several built-in themes you can use to style your application. For more information about available styles, see [Themes](#). You can easily change the theme in Design view.

From the Tasks Menu

You can access themes from the **C1Expander Tasks** menu:

1. Click on the **C1Expander**'s smart tag to open the **C1Expander Tasks** menu.
2. Click the **Theme** drop-down box and select a style to apply, for example **Midnight**.

The style you choose will be applied to the control.

From the Properties Window

You can select a theme to apply from the Properties window:

3. Click on the **C1Expander** to select it.
4. Navigate to the Properties window and select the drop-down arrow next to the **Theme** property.
5. Select a style to apply, for example **Midnight**.

The Visual Style you chose will be applied to the **C1Expander** control.

See Also

[Resizing the Control](#)

Resizing the Control

You can easily change the height and width on the **C1Expander** by setting the **Height** and **Width** properties. By default the height of the control is set to **200px** and the width of the control is set to **100px**. You can easily change the control's height and width in Design view, Source view, from the **C1Expander Tasks** menu, from the Properties window, or in code.

In Source View

In Source view add Height="150px" and Width="150px" in the <cc1:C1Expander> tag to the size you wish to set the control's height and width to, for example:

```
<cc1:C1Expander ID="C1Expander1" runat="server" Height="150px"
Width="150px">
```

The above will resize the control to 150 pixels tall and 150 pixels wide.

From the Properties Window

You can change the **Height** and **Width** properties to set the control's height and width in the Properties window:

1. Click on the **C1Expander** to select it.
2. Navigate to the Properties window and if needed expand the **Layout** node to locate the **Height** and **Width** properties.
3. Next to **Height**, enter a value for the size you want the control's height to be, for example "150px".
4. Next to **Width**, enter a value for the size you want the control's width to be, for example "150px".
5. 10. Press the ENTER key or click outside of the Properties window for the height and width you set to be applied to the **C1Expander** control.

In Code

Add the following code to the **Page_Load** event to set the **Height** and **Width** properties to 150 pixels:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1Expander1.Height = 150 Me.C1Expander1.Width = 150</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.C1Expander1.Height = 150; this.C1Expander1.Width = 150;</pre>	

See Also

[Displaying External Content](#)

Displaying External Content

You can use the **ContentUrl** property to display external content in the **C1Expander** control. This means that you can have the content of another Web page in your project or even the content of a Web site outside of your project appear in a **C1Expander**. You can easily set the **ContentUrl** property in Source view, from the Properties window, or in code.

In Source View

In Source view change add ContentUrl in the <cc1:C1Expander> tag to set the external URL to display in the **C1Expander** control, for example:

```
<cc1:C1Expander ID="C1Expander1" runat="server"
ContentUrl="http://www.google.com/">
```

The above will set the Google Web site to appear in the **C1Expander** control.

From Design View

You can change the **ContentUrl** property to the URL to be displayed in the **C1Expander** via the Properties window:

1. Click on the **C1Expander** to select it.
2. Navigate to the Properties window and if needed expand the **Options** node to locate the **ContentUrl** property.
3. Next to **ContentUrl**, type the URL for the page you wish to appear in the control, for example "http://www.google.com/".
4. Press the ENTER key or click outside of the Properties window for **ContentUrl** you set to be applied to the **C1Expander** control.

In Code

Add the following code to the **Page_Load** event to set the **ContentUrl** property to display external content in the **C1Expander** control:

[To write code in Visual Basic](#)

Visual Basic	Copy Code
<pre>Me.C1Expander1.ContentUrl = "http://www.google.com/"</pre>	

[To write code in C#](#)

C#	Copy Code
<pre>this.C1Expander1.ContentUrl = "http://www.google.com/";</pre>	

Client-Side Reference

As part of the amazing [ComponentOne Web stack](#), the Wijmo jQuery UI widgets are optimized for client-side Web development and utilize the power of jQuery for superior performance and ease of use.

The ComponentOne Wijmo Web site at <http://wijmo.com/widgets/> provides everything you need to know about Wijmo widgets, including demos and samples, documentation, theming examples, support and more.

The client-side documentation provides an overview, sample markup, options, events, and methods for each widget. To get started with client-side Web development for **Expander for ASP.NET Web Forms**, click one of the external links to view our Wijmo wiki documentation. Note that the **Overview** topic for each of the widgets applies mainly to the widget, not to the server-side ASP.NET Web Forms control.

Wijexpander

- [wijexpander documentation](#)
- [wijexpander API](#)

See Also

[Using the Wijmo CDN](#)

Using the Wijmo CDN

You can easily load the client-side Wijmo widgets into your web page using a Content Delivery Network (CDN). CDN makes it quick and easy to use external libraries, and deploy them to your users. A CDN is a network of computers around the world that host content. Ideally, if you're in the United States and you access a webpage using a CDN, you'll get your content from a server based in the US. If you're in India or China, and you access the SAME webpage, the content will come from a server a little closer to your location.

When web browsers load content, they commonly will check to see if they already have a copy of the file cached. By using a CDN, you can benefit from this. If a user had previously visited a site using the same CDN, they will already have a cached version of the files on their machine. Your page will load quicker since it doesn't need to re-download your support content.

Wijmo has had CDN support from the very beginning. You can find the CDN page at <http://wijmo.com/downloads/cdn/>. The markup required for loading Wijmo into your page looks similar to this:

```
<!--jQuery References-->
```

```
<script src="http://ajax.aspnetcdn.com/ajax/jquery/jquery-1.7.1.min.js"
type="text/javascript"></script>

<script src="http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.17/jquery-
ui.min.js" type="text/javascript"></script>

<!--Theme-->

<link href="http://cdn.wijmo.com/themes/rocket/jquery-wijmo.css"
rel="stylesheet" type="text/css" title="rocket-jqueryui" />

<!--Wijmo Widgets CSS-->

<link href="http://cdn.wijmo.com/jquery.wijmo-complete.all.2.0.0.min.css"
rel="stylesheet" type="text/css" />

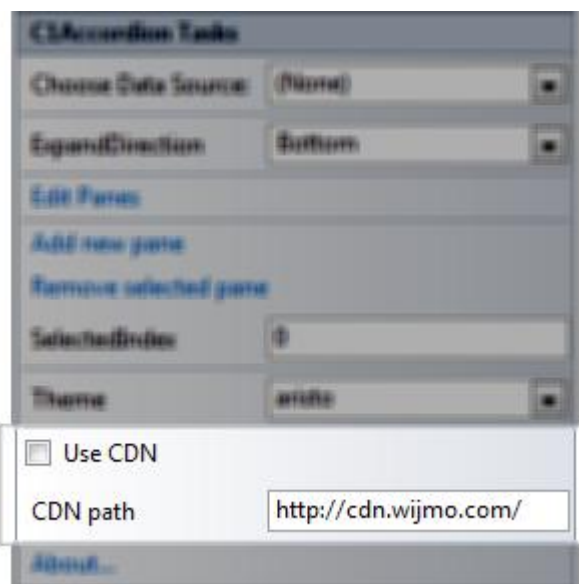
<!--Wijmo Widgets JavaScript-->

<script src="http://cdn.wijmo.com/jquery.wijmo-open.all.2.0.0.min.js"
type="text/javascript"></script>

<script src="http://cdn.wijmo.com/jquery.wijmo-complete.all.2.0.0.min.js"
type="text/javascript"></script>
```

In this markup, you'll notice that some of the .js files are labeled as *.min.js. These files have been minified - in other words, all unnecessary characters have been removed - to make the pages load faster. You will also notice that there are no references to individual .js files. The JavaScript for all widgets, CSS, and jQuery references have been combined into one file, respectively, such as wijmo-complete.2.0.0.min.js. If you want to link to individual .js files, see the **Dependencies** topic for each widget.

With the **ASP.NET Web Forms Edition** controls, you can click the **Use CDN** checkbox in the control's **Tasks** menu and specify the **CDN path** if you want to access the client-side widgets.



C1.Web.Wijmo.Controls.4 Assembly




Namespaces

C1.Web.Wijmo.Controls Namespace

Overview

[Inheritance Hierarchy](#)

Classes

	Class	Description
	C1BaseStateManager	Base class to support view state management for a server control.
	C1TargetControlBase	Class to be used as base for the wijmo extenders target controls. Class to be used as base for the wijmo target controls.
	WijChartNavigator	

See Also

Reference

[C1.Web.Wijmo.Controls.4 Assembly](#)

Classes

C1BaseStateManager

Base class to support view state management for a server control.

Object Model

C1BaseStateManager

Syntax

Visual Basic (Declaration)

Public MustInherit Class C1BaseStateManager

C#

public abstract class C1BaseStateManager

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.C1BaseStateManager

See Also

Reference

[C1BaseStateManager Members](#)

[C1.Web.Wijmo.Controls Namespace](#)

Overview

Base class to support view state management for a server control.

Object Model

C1BaseStateManager

Syntax

Visual Basic (Declaration)

Public MustInherit Class C1BaseStateManager

C#

public abstract class C1BaseStateManager

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.C1BaseStateManager

See Also

Reference

[C1BaseStateManager Members](#)

[C1.Web.Wijmo.Controls Namespace](#)

Members

The following tables list the members exposed by [C1BaseStateManager](#).

See Also

Reference

[C1BaseStateManager Class](#)

[C1.Web.Wijmo.Controls Namespace](#)

C1TargetControlBase

Class to be used as base for the wijmo extenders target controls. Class to be used as base for the wijmo target controls.

Object Model

C1TargetControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetControlBase
    Inherits System.Web.UI.WebControls.WebControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetControlBase :
    System.Web.UI.WebControls.WebControl
```

Inheritance Hierarchy

```
System.Object
    System.Web.UI.Control
        System.Web.UI.WebControls.WebControl
            C1.Web.Wijmo.Controls.C1TargetControlBase
                C1.Web.Wijmo.Controls.C1Expander.C1Expander
```

See Also

Reference

[C1TargetControlBase Members](#)

[C1.Web.Wijmo.Controls Namespace](#)

Overview

Class to be used as base for the wijmo extenders target controls. Class to be used as base for the wijmo target controls.

Object Model

C1TargetControlBase

Syntax

Visual Basic (Declaration)	
<pre><WidgetDependenciesAttribute(System.Object[])> Public MustInherit Class C1TargetControlBase Inherits System.Web.UI.WebControls.WebControl</pre>	
C#	
<pre>[WidgetDependencies(System.Object[])] public abstract class C1TargetControlBase : System.Web.UI.WebControls.WebControl</pre>	

Inheritance Hierarchy

```
System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      C1.Web.Wijmo.Controls.C1TargetControlBase
        C1.Web.Wijmo.Controls.C1Expander.C1Expander
```

See Also

Reference















[C1TargetControlBase Members](#)
















[C1.Web.Wijmo.Controls Namespace](#)












Members

The following tables list the members exposed by [C1TargetControlBase](#).

Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	CDNDependencyPaths	A string array value specifies all css/js references that wijmo control depends on.
	CDNPath	Content Delivery Network path.
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DisplayVisible	Gets or sets a value that indicates whether a server control is rendered as UI on the page.
	EnableCombinedJavaScripts	Enable JavaScripts files combined into one file. In order to combined enabled, you must register the WijmoHttpHandler in web.config.
	Enabled	Overridden. Gets or sets a value indicating whether






		the Web server control is enabled.
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.WebControl)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)

	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Theme	Name of the theme that will be used to style the widgets. Available embedded themes include: aristo, midnight, and ui-lightness. Note that only one theme can be used for the whole page at one time. Please make sure that all widget extenders have the same Theme value.
	ThemeSwatch	A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	UseCDN	Determines whether the widget extender must load client resources from CDN (Content Delivery Network) path given by property CDNPath.
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)
	WijmoControlMode	A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project.
	WijmoCssAdapter	Indicates the control applies the theme of JQuery UI or Bootstrap.

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Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetProperty<V>	Gets the property value by property name.
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
≡	GetScriptDescriptors	When overridden in a derived class, registers the WidgetDescriptor objects for the control.
≡	GetScriptReferences	When overridden in a derived class, registers an additional script libraries for the extender control.
≡	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
≡	HasControls	(Inherited from System.Web.UI.Control)
≡	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RegisterDesignTimeStyleSheet	Register design time stylesheet
≡	RenderBeginTag	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RenderControl	(Inherited from System.Web.UI.Control)

	RenderEndTag	(Inherited from System.Web.UI.WebControls.WebControl)
	ResolveClientUrl	(Inherited from System.Web.UI.Control)
	ResolveUrl	(Inherited from System.Web.UI.Control)
	SetPropertyValue<V>	Sets the property value by property name.
	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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Public Events

	Name	Description
	DataBinding	(Inherited from System.Web.UI.Control)
	Disposed	(Inherited from System.Web.UI.Control)
	Init	(Inherited from System.Web.UI.Control)
	Load	(Inherited from System.Web.UI.Control)
	PreRender	(Inherited from System.Web.UI.Control)
	Unload	(Inherited from System.Web.UI.Control)

[Top](#)

See Also

Reference

[C1TargetControlBase Class](#)






[C1.Web.Wijmo.Controls Namespace](#)

Methods

For a list of all members of this type, see [C1TargetControlBase members](#).

Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetProperty<V>	Gets the property value by property name.
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
≡	GetScriptDescriptors	When overridden in a derived class, registers the WidgetDescriptor objects for the control.
≡	GetScriptReferences	When overridden in a derived class, registers an additional script libraries for the extender control.
≡	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
≡	HasControls	(Inherited from System.Web.UI.Control)
≡	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RegisterDesignTimeStyleSheet	Register design time stylesheet
≡	RenderBeginTag	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RenderControl	(Inherited from System.Web.UI.Control)

	RenderEndTag	(Inherited from System.Web.UI.WebControls.WebControl)
	ResolveClientUrl	(Inherited from System.Web.UI.Control)
	ResolveUrl	(Inherited from System.Web.UI.Control)
	SetPropertyValue<V>	Sets the property value by property name.
	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

[Top](#)

See Also

Reference

[C1TargetControlBase Class](#)

[C1.Web.Wijmo.Controls Namespace](#)

GetPropertyValue<V> Method

Gets the property value by property name.

Syntax

Visual Basic (Declaration)

```
Public Function GetPropertyValue(Of V)( _
    ByVal propertyName As System.String, _
    ByVal nullValue As V _
) As V
```

C#

```
public V GetPropertyValue<V>(
    System.string propertyName,
    V nullValue
)
```

Parameters

propertyName

Name of the property.

nullValue

The null value.

Type Parameters

V

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

GetScriptDescriptors Method

When overridden in a derived class, registers the WidgetDescriptor objects for the control.

Syntax

Visual Basic (Declaration)	
Public Overridable Function GetScriptDescriptors() As System.Collections.Generic.IEnumerable(Of ScriptDescriptor)	
C#	
public virtual System.Collections.Generic.IEnumerable<ScriptDescriptor> GetScriptDescriptors()	

Return Value

An enumeration of WidgetDescriptor objects.

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

GetScriptReferences Method

When overridden in a derived class, registers an additional script libraries for the extender control.

Syntax

Visual Basic (Declaration)	
----------------------------	--

```
Public Overridable Function GetScriptReferences() As
System.Collections.Generic.IEnumerable(Of ScriptReference)
```

C#

```
public virtual System.Collections.Generic.IEnumerable<ScriptReference>
GetScriptReferences()
```

Return Value

An object that implements the **System.Collections.IEnumerable** interface and that contains ECMAScript (JavaScript) files that have been registered as embedded resources.

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

RegisterDesignTimeStyleSheet Method

The **System.Web.UI.HtmlTextWriter** object that receives the server control content.

resource name of stylesheet file

Register design time stylesheet

Syntax

Visual Basic (Declaration)

```
Public Sub RegisterDesignTimeStyleSheet( _
    ByVal writer As System.Web.UI.HtmlTextWriter, _
    ByVal cssResourceName As System.String _
)
```

C#

```
public void RegisterDesignTimeStyleSheet(
    System.Web.UI.HtmlTextWriter writer,
    System.string cssResourceName
)
```

Parameters

writer

The **System.Web.UI.HtmlTextWriter** object that receives the server control content.

cssResourceName

resource name of stylesheet file

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

SetPropertyValue<V> Method

Sets the property value by property name.

Syntax

Visual Basic (Declaration)

```
Public Sub SetPropertyValue(Of V)( _  
    ByVal propertyName As System.String, _  
    ByVal value As V _  
)
```

C#

```
public void SetPropertyValue<V>(  
    System.string propertyName,  
    V value  
)
```

Parameters

propertyName

Name of the property.

value

The value.

Type Parameters

V

See Also

Reference













[C1TargetControlBase Class](#)















[C1TargetControlBase Members](#)













Properties



For a list of all members of this type, see [C1TargetControlBase members](#).

Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	CDNDependencyPaths	A string array value specifies all css/js references that wijmo control depends on.
	CDNPath	Content Delivery Network path.
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DisplayVisible	Gets or sets a value that indicates whether a server

		control is rendered as UI on the page.
	EnableCombinedJavaScripts	Enable JavaScripts files combined into one file. In order to combined enabled, you must register the WijmoHttpHandler in web.config.
	Enabled	Overridden. Gets or sets a value indicating whether the Web server control is enabled.
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)

	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.WebControl)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Theme	Name of the theme that will be used to style the widgets. Available embedded themes include: aristo, midnight, and ui-lightness. Note that only one theme can be used for the whole page at one time. Please make sure that all widget extenders have the same Theme value.
	ThemeSwatch	A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	UseCDN	Determines whether the widget extender must load client resources from CDN (Content Delivery Network) path given by property CDNPath.
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)

	WijmoControlMode	A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project.
	WijmoCssAdapter	Indicates the control applies the theme of JQuery UI or Bootstrap.

[Top](#)

See Also

Reference

[C1TargetControlBase Class](#)

[C1.Web.Wijmo.Controls Namespace](#)

CDNDependencyPaths Property

A string array value specifies all css/js references that wijmo control depends on.

Syntax

Visual Basic (Declaration)	
<pre> <C1CategoryAttribute("Behavior")> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <C1DescriptionAttribute(Key="C1Base.CDNDependencyPaths", Description="A string array value specifies all css/js references that wijmo control depends on.")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property CDNDependencyPaths As System.String() </pre>	
C#	
<pre> [C1Category("Behavior")] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [C1Description(Key="C1Base.CDNDependencyPaths", Description="A string array value specifies all css/js references that wijmo control depends on.")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual System.string[] CDNDependencyPaths {get; set;} </pre>	

Remarks

Using this property, user can specify the CDN dependencies(such as jQuery, jQuery UI, jQuery mobile, bootstrap). If some dependencies are set in this property, wijmo controls will find dependencies path in this property. If found, use the path to load dependency, otherwise, use the default CDN path. For example, if user wants to specify the dependencies of jQuery and jQuery UI, he can set the value like this: ["http://ajax.aspnetcdn.com/ajax/jquery/jquery-1.11.1.min.js", "http://ajax.aspnetcdn.com/ajax/jquery.ui/1.11.1/jquery-ui.js"]

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

CDNPath Property

Content Delivery Network path.

Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1DescriptionAttribute(Key="C1Base.CDNPath", Description="Content Delivery
Network path.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
Public Overridable Property CDNPath As System.String
```

C#

```
[C1Category("Behavior")]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[C1Description(Key="C1Base.CDNPath", Description="Content Delivery Network
path.")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
public virtual System.string CDNPath {get; set;}
```

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

DisplayVisible Property

Gets or sets a value that indicates whether a server control is rendered as UI on the page.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<WidgetOptionAttribute()>
<C1DescriptionAttribute(Key="C1Controls.DisplayVisible", Description="Gets or
sets a value that indicates whether a server control is rendered as UI on the
page.")>
<C1CategoryAttribute("Behavior")>
<LayoutAttribute(LayoutType.Behavior)>
Public Property DisplayVisible As System.Boolean
```

C#

```
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
[C1Description(Key="C1Controls.DisplayVisible", Description="Gets or sets a
value that indicates whether a server control is rendered as UI on the
page.")]
[C1Category("Behavior")]
[Layout(LayoutType.Behavior)]
public System.bool DisplayVisible {get; set;}
```

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

EnableCombinedJavaScripts Property

Enable JavaScripts files combined into one file. In order to combined enabled, you must register the WijmoHttpHandler in web.config.

Syntax

Visual Basic (Declaration)	
<pre><C1DescriptionAttribute(Key="C1Base.EnableCombinedJavaScripts", Description="Enable JavaScripts files combined into one file.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property EnableCombinedJavaScripts As System.Boolean</pre>	
C#	
<pre>[C1Description(Key="C1Base.EnableCombinedJavaScripts", Description="Enable JavaScripts files combined into one file.")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public virtual System.bool EnableCombinedJavaScripts {get; set;}</pre>	

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

Enabled Property

Gets or sets a value indicating whether the Web server control is enabled.

Syntax

Visual Basic (Declaration)	
<pre><WidgetOptionAttribute()> <System.ComponentModel.DefaultValueAttribute()> <C1DescriptionAttribute(Key="C1Base.Enabled", Description="Indicates whether control is enabled.")> <C1CategoryAttribute("Behavior")> Public Overrides Property Enabled As System.Boolean</pre>	
C#	
<pre>[WidgetOption()] [System.ComponentModel.DefaultValue()]</pre>	

```
[C1Description(Key="C1Base.Enabled", Description="Indicates whether control
is enabled.")]
[C1Category("Behavior")]
public override System.bool Enabled {get; set;}
```

Property Value

true if control is enabled; otherwise, false. The default is true.

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

Theme Property

Name of the theme that will be used to style the widgets. Available embedded themes include: aristo, midnight, and ui-lightness. Note that only one theme can be used for the whole page at one time. Please make sure that all widget extenders have the same Theme value.

Syntax

Visual Basic (Declaration)

```
<TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeNameConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
<C1DescriptionAttribute(Key="C1Base.Theme", Description="Name of the theme
that will be used to style widgets. Available themes: aristo / midnight / ui-
lightness. Note, only one theme can be used for the whole page at one time.
Please, make sure that all widget extenders have the same Theme value.")>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
Public Overridable Property Theme As System.String
```

C#

```
[TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeNameConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
```

```

isibility.Hidden)]
[C1Description(Key="C1Base.Theme", Description="Name of the theme that will
be used to style widgets. Available themes: aristo / midnight / ui-lightness.
Note, only one theme can be used for the whole page at one time. Please, make
sure that all widget extenders have the same Theme value.")]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
public virtual System.string Theme {get; set;}

```

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

ThemeSwatch Property

A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.

Syntax

Visual Basic (Declaration)

```

<C1CategoryAttribute("Appearance")>
<WidgetOptionAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute(Key="C1Base.ThemeSwatch", Description="A value that
indicates the theme swatch of the control, this property only works when
WijmoControlMode property is Mobile.")>
<TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")>
Public Overridable Property ThemeSwatch As System.String

```

C#

```

[C1Category("Appearance")]
[WidgetOption()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]

```

```
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1Base.ThemeSwatch", Description="A value that indicates
the theme swatch of the control, this property only works when
WijmoControlMode property is Mobile.")]
[TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
public virtual System.string ThemeSwatch {get; set;}
```

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

UseCDN Property

Determines whether the widget extender must load client resources from CDN (Content Delivery Network) path given by property CDNPath.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1Base.UseCDN", Description="Determines whether
this extender loads client script references from CDN.")>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
Public Overridable Property UseCDN As System.Boolean
```

C#

```
[C1Description(Key="C1Base.UseCDN", Description="Determines whether this
extender loads client script references from CDN.")]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
public virtual System.bool UseCDN {get; set;}
```

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

WijmoControlMode Property

A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project.

Syntax

Visual Basic (Declaration)	
<pre> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Base.WijmoControlMode", Description="A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project.")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property WijmoControlMode As WijmoControlMode </pre>	
C#	
<pre> [C1Category("Behavior")] [C1Description(Key="C1Base.WijmoControlMode", Description="A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project.")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual WijmoControlMode WijmoControlMode {get; set;} </pre>	

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

WijmoCssAdapter Property

Indicates the control applies the theme of JQuery UI or Bootstrap.

Syntax

Visual Basic (Declaration)	
<pre> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Base.WijmoCssAdapter", Description="Indicates the control applies the theme of JQuery UI or Bootstrap.")> <System.ComponentModel.DefaultValueAttribute()> <TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoCssAdapterConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property WijmoCssAdapter As System.String </pre>	
C#	
<pre> [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [C1Category("Behavior")] [C1Description(Key="C1Base.WijmoCssAdapter", Description="Indicates the control applies the theme of JQuery UI or Bootstrap.")] [System.ComponentModel.DefaultValue()] [TypeConverter("C1.Web.Wijmo.Controls.WijmoCssAdapterConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual System.string WijmoCssAdapter {get; set;} </pre>	

See Also

Reference

[C1TargetControlBase Class](#)

[C1TargetControlBase Members](#)

WijChartNavigator

Object Model

WijChartNavigator

Syntax

Visual Basic (Declaration)	
<pre><WidgetDependenciesAttribute(System.Object[])> Friend Class WijChartNavigator Inherits WijChartCore</pre>	
C#	
<pre>[WidgetDependencies(System.Object[])] internal class WijChartNavigator : WijChartCore</pre>	

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.WijChartNavigator

See Also

Reference

[WijChartNavigator Members](#)

[C1.Web.Wijmo.Controls Namespace](#)

Overview

Object Model

WijChartNavigator

Syntax

Visual Basic (Declaration)	
<pre><WidgetDependenciesAttribute(System.Object[])> Friend Class WijChartNavigator Inherits WijChartCore</pre>	
C#	
<pre>[WidgetDependencies(System.Object[])] internal class WijChartNavigator : WijChartCore</pre>	

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.WijChartNavigator

See Also


Reference

[WijChartNavigator Members](#)
[C1.Web.Wijmo.Controls Namespace](#)

Members

The following tables list the members exposed by [WijChartNavigator](#).

Public Constructors

	Name	Description
	WijChartNavigator Constructor	

[Top](#)

See Also

Reference

[WijChartNavigator Class](#)
[C1.Web.Wijmo.Controls Namespace](#)

WijChartNavigator Constructor

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public WijChartNavigator()	

See Also

Reference




[WijChartNavigator Class](#)
[WijChartNavigator Members](#)

C1.Web.Wijmo.Controls.C1Expander


Namespace

Overview

Classes

	Class	Description
	C1Expander	Represents an expanding panel that shows or hides embedded or external content. Represents an expanding panel that shows or hides embedded or external content.
	C1ExpanderContentContainer	Represents the expander's content container.
	C1ExpanderHeaderContainer	Represents the expander's header container.

Enumerations

	Enumeration	Description
	ExpandDirection	Specifies the direction towards which a C1Expander control opens.

See Also

Reference

[C1.Web.Wijmo.Controls.4 Assembly](#)

Classes

C1Expander

Represents an expanding panel that shows or hides embedded or external content. Represents an expanding panel that shows or hides embedded or external content.

Object Model

C1Expander

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
<System.ComponentModel.LicenseProviderAttribute()>
<System.Web.UI.ParseChildrenAttribute(True)>
<System.Web.UI.ToolboxDataAttribute("<{0}:C1Expander
runat=server></{0}:C1Expander>")>
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.Compone
ntModel.Design.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1Expander.C1ExpanderDesigner,
C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea">
<System.Drawing.ToolboxBitmapAttribute()>
Public Class C1Expander
    Inherits C1.Web.Wijmo.Controls.C1TargetControlBase
```

C#

```
[WidgetDependencies(System.Object[])]
[System.ComponentModel.LicenseProvider()]
[System.Web.UI.ParseChildren(true)]
[System.Web.UI.ToolboxData("<{0}:C1Expander runat=server></{0}:C1Expander>")]
[System.ComponentModel.Designer(DesignerBaseTypeName="System.ComponentModel.D
esign.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1Expander.C1ExpanderDesigner,
C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
[System.Drawing.ToolboxBitmap()]
public class C1Expander : C1.Web.Wijmo.Controls.C1TargetControlBase
```

Inheritance Hierarchy

```
System.Object
    System.Web.UI.Control
        System.Web.UI.WebControls.WebControl
            C1.Web.Wijmo.Controls.C1TargetControlBase
                C1.Web.Wijmo.Controls.C1Expander.C1Expander
```

See Also

Reference

[C1Expander Members](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Overview

Represents an expanding panel that shows or hides embedded or external content. Represents an expanding panel that shows or hides embedded or external content.

Object Model

C1Expander

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
<System.ComponentModel.LicenseProviderAttribute()>
<System.Web.UI.ParseChildrenAttribute(True)>
<System.Web.UI.ToolboxDataAttribute("<{0}:C1Expander
runat=server></{0}:C1Expander">")>
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.Component
ntModel.Design.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1Expander.C1ExpanderDesigner,
C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea">
<System.Drawing.ToolboxBitmapAttribute()>
Public Class C1Expander
    Inherits C1.Web.Wijmo.Controls.C1TargetControlBase
```

C#

```
[WidgetDependencies(System.Object[])]
[System.ComponentModel.LicenseProvider()]
[System.Web.UI.ParseChildren(true)]
[System.Web.UI.ToolboxData("<{0}:C1Expander runat=server></{0}:C1Expander">")]
[System.ComponentModel.Designer(DesignerBaseTypeName="System.ComponentModel.D
esign.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1Expander.C1ExpanderDesigner,
C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
[System.Drawing.ToolboxBitmap()]
public class C1Expander : C1.Web.Wijmo.Controls.C1TargetControlBase
```

Inheritance Hierarchy

System.Object
 System.Web.UI.Control

System.Web.UI.WebControls.WebControl

[C1.Web.Wijmo.Controls.C1TargetControlBase](#)

C1.Web.Wijmo.Controls.C1Expander.C1Expander

See Also

Reference


[C1Expander Members](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Members




The following tables list the members exposed by [C1Expander](#).














Public Constructors













	Name	Description
	C1Expander Constructor	Overloaded.
















[Top](#)











Public Properties


	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AllowExpand	Determines if the widget can expand. Set this option to false if you want to disable collapse/expand ability.
	Animated	Determines the animation easing effect; set this option to false in order to disable animation. Additional options that are available for the animation function include: expand - value of true indicates that content element must be expanded. horizontal - value of true indicates that expander is horizontally orientated (when expandDirection is left or right). content - jQuery object that contains

		content element to be expanded or collapsed.
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	AutoPostBack	Sets or retrieves a value that indicates whether or not the control posts back to the server each time a user interacts with the control.
	CDNDependencyPaths	A string array value specifies all css/js references that wijmo control depends on. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	CDNPath	Content Delivery Network path. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	Content	Gets or sets the content section template.
	ContentPanel	Gets the control that is used as the content panel.
	ContentUrl	Gets or sets a URL to external content to display in the expander. For example, set to "http://componentone.com/" for the ComponentOne Web site.
	Controls	Overridden. Gets the controls collection.
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from

		System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DisplayVisible	Gets or sets a value that indicates whether a server control is rendered as UI on the page. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	EnableCombinedJavaScripts	Enable JavaScripts files combined into one file. In order to combined enabled, you must register the WijmoHttpHandler in web.config. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	Enabled	Gets or sets a value indicating whether the Web server control is enabled. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	ExpandDirection	Determines the content expand direction. Available values are top, right, bottom, and left.
	Expanded	Determines the visibility state of the content panel. If true, the content element is visible.
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Header	Gets or sets the header section template.
	HeaderPanel	Gets the control that is used as the header panel.
	Height	Overridden.












	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	OnClientAfterCollapse	Occurs after the content area collapses.
	OnClientAfterExpand	Occurs after the content area expands.
	OnClientBeforeCollapse	Occurs before the content area collapses. This event can be cancelled to prevent the content area from collapsing.
	OnClientBeforeExpand	Occurs before the content area expands. This event can be cancelled to prevent the content area from expanding.
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.WebControl)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)

	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Theme	Name of the theme that will be used to style the widgets. Available embedded themes include: aristo, midnight, and ui-lightness. Note that only one theme can be used for the whole page at one time. Please make sure that all widget extenders have the same Theme value. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ThemeSwatch	A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	UseCDN	Determines whether the widget extender must load client resources from CDN (Content Delivery Network) path given by property CDNPath. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)
	WijmoControlMode	A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project. (Inherited from

		C1.Web.Wijmo.Controls.C1TargetControlBase)
	WijmoCssAdapter	Indicates the control applies the theme of JQuery UI or Bootstrap. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)

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Public Methods

	Name	Description
	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	DataBind	(Inherited from System.Web.UI.Control)
	Dispose	(Inherited from System.Web.UI.Control)
	FindControl	(Inherited from System.Web.UI.Control)
	Focus	(Inherited from System.Web.UI.Control)
	GetPropertyValue<V>	Gets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
	GetScriptDescriptors	When overridden in a derived class, registers the WidgetDescriptor objects for the control. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	GetScriptReferences	When overridden in a derived class, registers an additional script libraries for the extender control. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)

⇒	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
⇒	HasControls	(Inherited from System.Web.UI.Control)
⇒	LoadPostData	When implemented by a class, processes postback data for an ASP.NET server control.
⇒	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
⇒	RaisePostBackEvent	Process an event raised when a form is posted to the server.
⇒	RaisePostDataChangedEvent	When implemented by a class, signals the server control to notify the ASP.NET application that the state of the control has changed.
⇒	RecreateChildControls	Recreates child controls.
⇒	RegisterDesignTimeStyleSheet	Register design time stylesheet (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
⇒	RenderBeginTag	(Inherited from System.Web.UI.WebControls.WebControl)
⇒	RenderControl	(Inherited from System.Web.UI.Control)
⇒	RenderEndTag	(Inherited from System.Web.UI.WebControls.WebControl)
⇒	ResolveClientUrl	(Inherited from System.Web.UI.Control)
⇒	ResolveUrl	(Inherited from System.Web.UI.Control)
⇒	SetPropertyValue<V>	Sets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
⇒	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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Public Events

	Name	Description
	DataBinding	(Inherited from System.Web.UI.Control)
	Disposed	(Inherited from System.Web.UI.Control)
	ExpandedChanged	Fires on the server side after an expanded state has been changed.
	Init	(Inherited from System.Web.UI.Control)
	Load	(Inherited from System.Web.UI.Control)
	PreRender	(Inherited from System.Web.UI.Control)
	Unload	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1Expander Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

C1Expander Constructor

Overload List

Overload	Description
C1Expander Constructor()	Initializes a new instance of the C1Expander class.
C1Expander Constructor(String)	Initializes a new instance of the C1Expander class.

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

C1Expander Constructor()

Initializes a new instance of the [C1Expander](#) class.

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public C1Expander()	

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

[Overload List](#)

C1Expander Constructor(String)

Initializes a new instance of the [C1Expander](#) class.

Syntax

Visual Basic (Declaration)	
Public Function New(_ ByVal <i>headerText</i> As System.String _)	
C#	
public C1Expander(System.string <i>headerText</i>)	

Parameters

headerText

Text that will be rendered into header panel.

See Also

Reference

[C1Expander Class](#)
[C1Expander Members](#)
[Overload List](#)

Methods

For a list of all members of this type, see [C1Expander members](#).

Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetPropertyValue<V>	Gets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
≡	GetScriptDescriptors	When overridden in a derived class, registers the WidgetDescriptor objects for the control. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
≡	GetScriptReferences	When overridden in a derived class, registers an additional script libraries for the extender control. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
≡	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)

≡	HasControls	(Inherited from System.Web.UI.Control)
≡	LoadPostData	When implemented by a class, processes postback data for an ASP.NET server control.
≡	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RaisePostBackEvent	Process an event raised when a form is posted to the server.
≡	RaisePostDataChangedEvent	When implemented by a class, signals the server control to notify the ASP.NET application that the state of the control has changed.
≡	RecreateChildControls	Recreates child controls.
≡	RegisterDesignTimeStyleSheet	Register design time stylesheet (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
≡	RenderBeginTag	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RenderControl	(Inherited from System.Web.UI.Control)
≡	RenderEndTag	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ResolveClientUrl	(Inherited from System.Web.UI.Control)
≡	ResolveUrl	(Inherited from System.Web.UI.Control)
≡	SetPropertyValue<V>	Sets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
≡	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1Expander Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

LoadPostData Method

The key identifier for the control.

The collection of all incoming name values.

When implemented by a class, processes postback data for an ASP.NET server control.

Syntax

Visual Basic (Declaration)	
<pre>Public Function LoadPostData(_ ByVal postDataKey As System.String, _ ByVal postCollection As System.Collections.Specialized.NameValueCollection _) As System.Boolean</pre>	
C#	
<pre>public System.bool LoadPostData(System.string postDataKey, System.Collections.Specialized.NameValueCollection postCollection)</pre>	

Parameters

postDataKey

The key identifier for the control.

postCollection

The collection of all incoming name values.

Return Value

true if the server control's state changes as a result of the postback; otherwise, false.

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

RaisePostBackEvent Method

A System.String that represents an optional event argument to be passed to the event handler.

Process an event raised when a form is posted to the server.

Syntax

Visual Basic (Declaration)	
<pre>Public Sub RaisePostBackEvent(_ ByVal eventArgument As System.String _)</pre>	
C#	
<pre>public void RaisePostBackEvent(System.string eventArgument)</pre>	

Parameters

eventArgument

A System.String that represents an optional event argument to be passed to the event handler.

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

RaisePostDataChangedEvent Method

When implemented by a class, signals the server control to notify the ASP.NET application that the state of the control has changed.

Syntax

Visual Basic (Declaration)	
<pre>Public Sub RaisePostDataChangedEvent()</pre>	
C#	
<pre>public void RaisePostDataChangedEvent()</pre>	

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

RecreateChildControls Method

Recreates child controls.

Syntax

Visual Basic (Declaration)	
Public Sub RecreateChildControls()	
C#	
public void RecreateChildControls()	

See Also

Reference




[C1Expander Class](#)












[C1Expander Members](#)













Properties

















For a list of all members of this type, see [C1Expander members](#).











Public Properties



	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AllowExpand	Determines if the widget can expand. Set this option to false if you want to disable collapse/expand ability.
	Animated	Determines the animation easing effect; set this option to false in order to disable animation. Additional options that are available for the

		<p>animation function include: expand - value of true indicates that content element must be expanded.</p> <p>horizontal - value of true indicates that expander is horizontally orientated (when expandDirection is left or right). content - jQuery object that contains content element to be expanded or collapsed.</p>
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	AutoPostBack	Sets or retrieves a value that indicates whether or not the control posts back to the server each time a user interacts with the control.
	CDNDependencyPaths	A string array value specifies all css/js references that wijmo control depends on. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	CDNPath	Content Delivery Network path. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	Content	Gets or sets the content section template.
	ContentPanel	Gets the control that is used as the content panel.
	ContentUrl	Gets or sets a URL to external content to display in the expander. For example, set to "http://componentone.com/" for the ComponentOne Web site.
	Controls	Overridden. Gets the controls collection.

	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DisplayVisible	Gets or sets a value that indicates whether a server control is rendered as UI on the page. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	EnableCombinedJavaScripts	Enable JavaScripts files combined into one file. In order to combined enabled, you must register the WijmoHttpHandler in web.config. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	Enabled	Gets or sets a value indicating whether the Web server control is enabled. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	ExpandDirection	Determines the content expand direction. Available values are top, right, bottom, and left.
	Expanded	Determines the visibility state of the content panel. If true, the content element is visible.
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Header	Gets or sets the header section template.

	HeaderPanel	Gets the control that is used as the header panel.
	Height	Overridden.
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	OnClientAfterCollapse	Occurs after the content area collapses.
	OnClientAfterExpand	Occurs after the content area expands.
	OnClientBeforeCollapse	Occurs before the content area collapses. This event can be cancelled to prevent the content area from collapsing.
	OnClientBeforeExpand	Occurs before the content area expands. This event can be cancelled to prevent the content area from expanding.
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.WebControl)
	TabIndex	(Inherited from

		System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Theme	Name of the theme that will be used to style the widgets. Available embedded themes include: aristo, midnight, and ui-lightness. Note that only one theme can be used for the whole page at one time. Please make sure that all widget extenders have the same Theme value. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ThemeSwatch	A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	UseCDN	Determines whether the widget extender must load client resources from CDN (Content Delivery Network) path given by property CDNPath. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)

	WijmoControlMode	A value that indicates mode of the control, whether it is a mobile or web control. Note that only one value can be used for the whole website or project. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
	WijmoCssAdapter	Indicates the control applies the theme of JQuery UI or Bootstrap. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)

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See Also

Reference

[C1Expander Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

AllowExpand Property

Determines if the widget can expand. Set this option to false if you want to disable collapse/expand ability.

Syntax

Visual Basic (Declaration)	
<pre><C1DescriptionAttribute(Key="C1Expander.AllowExpand", Description="Determines if the widget can expand. Set this option to false if you want to disable collapse/expand ability.")> <WidgetOptionAttribute()> <System.ComponentModel.DefaultValueAttribute()> <C1CategoryAttribute("Behavior")> Public Property AllowExpand As System.Boolean</pre>	
C#	
<pre>[C1Description(Key="C1Expander.AllowExpand", Description="Determines if the widget can expand. Set this option to false if you want to disable collapse/expand ability.")] [WidgetOption()] [System.ComponentModel.DefaultValue()] [C1Category("Behavior")]</pre>	


```
public System.bool AllowExpand {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Animated Property

Determines the animation easing effect; set this option to false in order to disable animation. Additional options that are available for the animation function include: expand - value of true indicates that content element must be expanded. horizontal - value of true indicates that expander is horizontally orientated (when expandDirection is left or right). content - jQuery object that contains content element to be expanded or collapsed.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)>
<C1DescriptionAttribute(Key="C1Expander.Animated", Description="Determines the animation easing effect.")>
<System.Web.UI.PersistencemodeAttribute(Persistencemode.Attribute)>
<TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")>
<WidgetOptionAttribute()>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.NotifyParentPropertyAttribute(True)>
Public ReadOnly Property Animated As AnimatedOption
```

C#

```
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Content)]
[C1Description(Key="C1Expander.Animated", Description="Determines the animation easing effect.")]
[System.Web.UI.Persistencemode(Persistencemode.Attribute)]
[TypeConverter("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")]
[WidgetOption()]
[C1Category("Behavior")]
[System.ComponentModel.NotifyParentProperty(true)]
```

```
public AnimatedOption Animated {get;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

AutoPostBack Property

Sets or retrieves a value that indicates whether or not the control posts back to the server each time a user interacts with the control.

Syntax

Visual Basic (Declaration)	
<pre><System.ComponentModel.DefaultValueAttribute(>> <LayoutAttribute(LayoutType.Behavior)> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Expander.AutoPostBack", Description="Indicates whether or not the control posts back to the sever each time a user interacts with the control.")> Public Property AutoPostBack As System.Boolean</pre>	
C#	
<pre>[System.ComponentModel.DefaultValue()] [Layout(LayoutType.Behavior)] [C1Category("Behavior")] [C1Description(Key="C1Expander.AutoPostBack", Description="Indicates whether or not the control posts back to the sever each time a user interacts with the control.")] public System.bool AutoPostBack {get; set;}</pre>	

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Content Property

Gets or sets the content section template.

Syntax

Visual Basic (Declaration)

```
<LayoutAttribute(LayoutType.Misc)>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<System.Web.UI.TemplateInstanceAttribute(TemplateInstance.Single)>
<C1DescriptionAttribute(Key="C1Expander.Content", Description="Template for
the content section.")>
<System.Web.UI.PersistencyModeAttribute(PersistencyMode.InnerProperty)>
<System.Web.UI.TemplateContainerAttribute(BindingDirection=BindingDirection.O
newWay,
ContainerType=C1.Web.Wijmo.Controls.C1Expander.C1ExpanderContentContainer)>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.BrowsableAttribute(False)>
Public Property Content As System.Web.UI.ITemplate
```

C#

```
[Layout(LayoutType.Misc)]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[System.Web.UI.TemplateInstance(TemplateInstance.Single)]
[C1Description(Key="C1Expander.Content", Description="Template for the
content section.")]
[System.Web.UI.PersistencyMode(PersistencyMode.InnerProperty)]
[System.Web.UI.TemplateContainer(BindingDirection=BindingDirection.OneWay,
ContainerType=C1.Web.Wijmo.Controls.C1Expander.C1ExpanderContentContainer)]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.Browsable(false)]
public System.Web.UI.ITemplate Content {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

ContentPanel Property

Gets the control that is used as the content panel.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeria
```

```
lizationVisibility.Hidden)>
<C1DescriptionAttribute(Key="C1Expander.ContentPanel", Description="Gets the
control that is used as the content panel.")>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property ContentPanel As C1ExpanderContentContainer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
[C1Description(Key="C1Expander.ContentPanel", Description="Gets the control
that is used as the content panel.")]
[System.ComponentModel.Browsable(false)]
public C1ExpanderContentContainer ContentPanel {get;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

ContentUrl Property

Gets or sets a URL to external content to display in the expander. For example, set to "http://componentone.com/" for the ComponentOne Web site.

Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1Expander.ContentUrl", Description="Determines
the URL to the external content. For example, http://componentone.com/ for
the ComponentOne Web site.")>
<WidgetOptionAttribute()>
<System.Web.UI.UrlPropertyAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Property ContentUrl As System.String
```

C#

```
[C1Category("Behavior")]
[C1Description(Key="C1Expander.ContentUrl", Description="Determines the URL
to the external content. For example, http://componentone.com/ for the
ComponentOne Web site.")]
```

```
[WidgetOption()]
[System.Web.UI.UrlProperty()]
[System.ComponentModel.DefaultValue()]
public System.string ContentUrl {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Controls Property

Gets the controls collection.

Syntax

Visual Basic (Declaration)	
Public Overrides ReadOnly Property Controls As System.Web.UI.ControlCollection	
C#	
public override System.Web.UI.ControlCollection Controls {get;}	

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

ExpandDirection Property

Determines the content expand direction. Available values are top, right, bottom, and left.

Syntax

Visual Basic (Declaration)	
<WidgetOptionAttribute(> <System.ComponentModel.DefaultValueAttribute(> <C1DescriptionAttribute(Key="C1Expander.ExpandDirection", Description="Determines the content expand direction. Available values are top, right, bottom, and left.")>	

```
<C1CategoryAttribute("Behavior")>
Public Property ExpandDirection As ExpandDirection
```

C#

```
[WidgetOption()]
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1Expander.ExpandDirection", Description="Determines the
content expand direction. Available values are top, right, bottom, and
left.")]
[C1Category("Behavior")]
public ExpandDirection ExpandDirection {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Expanded Property

Determines the visibility state of the content panel. If true, the content element is visible.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1Expander.Expanded", Description="Determines
the visibility state of the content panel. If true, the content element is
visible.")>
<WidgetOptionAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
Public Property Expanded As System.Boolean
```

C#

```
[C1Description(Key="C1Expander.Expanded", Description="Determines the
visibility state of the content panel. If true, the content element is
visible.")]
[WidgetOption()]
[System.ComponentModel.DefaultValue()]
[C1Category("Behavior")]
public System.bool Expanded {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Header Property

Gets or sets the header section template.

Syntax

Visual Basic (Declaration)

```
<System.Web.UI.PersistenceModeAttribute(PersistenceMode.InnerProperty)>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute(Key="C1Expander.Header", Description="Template for
the header section.")>
<System.Web.UI.TemplateContainerAttribute(BindingDirection=BindingDirection.O
newWay,
ContainerType=C1.Web.Wijmo.Controls.C1Expander.C1ExpanderHeaderContainer)>
<System.Web.UI.TemplateInstanceAttribute(TemplateInstance.Single)>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<LayoutAttribute(LayoutType.Misc)>
<System.ComponentModel.BrowsableAttribute(False)>
Public Property Header As System.Web.UI.ITemplate
```

C#

```
[System.Web.UI.PersistenceMode(PersistenceMode.InnerProperty)]
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1Expander.Header", Description="Template for the header
section.")]
[System.Web.UI.TemplateContainer(BindingDirection=BindingDirection.OneWay,
ContainerType=C1.Web.Wijmo.Controls.C1Expander.C1ExpanderHeaderContainer)]
[System.Web.UI.TemplateInstance(TemplateInstance.Single)]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[Layout(LayoutType.Misc)]
[System.ComponentModel.Browsable(false)]
public System.Web.UI.ITemplate Header {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

HeaderPanel Property

Gets the control that is used as the header panel.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<C1DescriptionAttribute(Key="C1Expander.HeaderPanel", Description="Gets the control that is used as the header panel.")>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property HeaderPanel As C1ExpanderHeaderContainer
```

C#

```
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)]
[C1Description(Key="C1Expander.HeaderPanel", Description="Gets the control that is used as the header panel.")]
[System.ComponentModel.Browsable(false)]
public C1ExpanderHeaderContainer HeaderPanel {get;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

Height Property

Visual Basic (Declaration)

```
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<LayoutAttribute(LayoutType.Sizes)>
<WidgetOptionAttribute()>
Public Overrides Property Height As System.Web.UI.WebControls.Unit
```

C#

```
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[Layout(LayoutType.Sizes)]
[WidgetOption()]
public override System.Web.UI.WebControls.Unit Height {get; set;}
```


OnClientAfterCollapse Property

Occurs after the content area collapses.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Client-Side Events")>
<WidgetEventAttribute()>
<C1DescriptionAttribute(Key="C1Expander.OnClientAfterCollapse",
Description="Occurs after the content area collapses.")>
Public Property OnClientAfterCollapse As System.String
```

C#

```
[System.ComponentModel.DefaultValue()]
[C1Category("Client-Side Events")]
[WidgetEvent()]
[C1Description(Key="C1Expander.OnClientAfterCollapse", Description="Occurs
after the content area collapses.")]
public System.string OnClientAfterCollapse {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

OnClientAfterExpand Property

Occurs after the content area expands.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute(Key="C1Expander.OnClientAfterExpand",
Description="Occurs after the content area expands.")>
<C1CategoryAttribute("Client-Side Events")>
<WidgetEventAttribute()>
Public Property OnClientAfterExpand As System.String
```

C#

```
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1Expander.OnClientAfterExpand", Description="Occurs
after the content area expands.")]
[C1Category("Client-Side Events")]
[WidgetEvent()]
public System.string OnClientAfterExpand {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

OnClientBeforeCollapse Property

Occurs before the content area collapses. This event can be cancelled to prevent the content area from collapsing.

Syntax

Visual Basic (Declaration)

```
<WidgetEventAttribute("e")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Client-Side Events")>
<C1DescriptionAttribute(Key="C1Expander.OnClientBeforeCollapse",
Description="Occurs before the content area collapses. This event can be
cancelled to prevent the content area from collapsing.")>
Public Property OnClientBeforeCollapse As System.String
```

C#

```
[WidgetEvent("e")]
[System.ComponentModel.DefaultValue()]
[C1Category("Client-Side Events")]
[C1Description(Key="C1Expander.OnClientBeforeCollapse", Description="Occurs
before the content area collapses. This event can be cancelled to prevent the
content area from collapsing.")]
public System.string OnClientBeforeCollapse {get; set;}
```

See Also

Reference

[C1Expander Class](#)

[C1Expander Members](#)

OnClientBeforeExpand Property

Occurs before the content area expands. This event can be cancelled to prevent the content area from expanding.

Syntax

Visual Basic (Declaration)	
<pre> <System.ComponentModel.DefaultValueAttribute()> <WidgetEventAttribute("e")> <C1DescriptionAttribute(Key="C1Expander.OnClientBeforeExpand", Description="Occurs before the content area expands. This event can be cancelled to prevent the content area from expanding.")> <C1CategoryAttribute("Client-Side Events")> Public Property OnClientBeforeExpand As System.String </pre>	
C#	
<pre> [System.ComponentModel.DefaultValue()] [WidgetEvent("e")] [C1Description(Key="C1Expander.OnClientBeforeExpand", Description="Occurs before the content area expands. This event can be cancelled to prevent the content area from expanding.")] [C1Category("Client-Side Events")] public System.string OnClientBeforeExpand {get; set;} </pre>	

See Also

Reference


[C1Expander Class](#)







[C1Expander Members](#)

Events

For a list of all members of this type, see [C1Expander members](#).

Public Events

	Name	Description
	DataBinding	(Inherited from System.Web.UI.Control)

	Disposed	(Inherited from System.Web.UI.Control)
	ExpandedChanged	Fires on the server side after an expanded state has been changed.
	Init	(Inherited from System.Web.UI.Control)
	Load	(Inherited from System.Web.UI.Control)
	PreRender	(Inherited from System.Web.UI.Control)
	Unload	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1Expander Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

ExpandedChanged Event

Fires on the server side after an expanded state has been changed.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1Expander.ExpandedChanged", Description="Fires
on the server side after an expanded state has been changed.")>
<C1CategoryAttribute("Behavior")>
Public Event ExpandedChanged As System.EventHandler
```

C#

```
[C1Description(Key="C1Expander.ExpandedChanged", Description="Fires on the
server side after an expanded state has been changed.")]
[C1Category("Behavior")]
public event System.EventHandler ExpandedChanged
```

C1ExpanderContentContainer

Represents the expander's content container.

Object Model

C1ExpanderContentContainer

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=,
ToolboxItemTypeName="")>
Public Class C1ExpanderContentContainer
    Inherits System.Web.UI.WebControls.Panel
```

C#

```
[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")]
public class C1ExpanderContentContainer : System.Web.UI.WebControls.Panel
```

Inheritance Hierarchy

```
System.Object
    System.Web.UI.Control
        System.Web.UI.WebControls.WebControl
            System.Web.UI.WebControls.Panel
                C1.Web.Wijmo.Controls.C1Expander.C1ExpanderContentContainer
```

See Also

Reference

[C1ExpanderContentContainer Members](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Overview

Represents the expander's content container.

Object Model

C1ExpanderContentContainer

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=,
ToolboxItemTypeName="")>
Public Class C1ExpanderContentContainer
    Inherits System.Web.UI.WebControls.Panel
```

C#

```
[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")]
public class C1ExpanderContentContainer : System.Web.UI.WebControls.Panel
```

Inheritance Hierarchy

System.Object

System.Web.UI.Control

System.Web.UI.WebControls.WebControl

System.Web.UI.WebControls.Panel

C1.Web.Wijmo.Controls.C1Expander.C1ExpanderContentContainer

See Also

Reference


[C1ExpanderContentContainer Members](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Members


The following tables list the members exposed by [C1ExpanderContentContainer](#).















Public Constructors

















	Name	Description
	C1ExpanderContentContainer Constructor	Initializes a new instance of the C1ExpanderContentContainer class.
















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Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)

	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	BackColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BackImageUrl	(Inherited from System.Web.UI.WebControls.Panel)
	BorderColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderWidth	(Inherited from System.Web.UI.WebControls.WebControl)
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	ContentElementAttributes	Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)

	DefaultButton	(Inherited from System.Web.UI.WebControls.Panel)
	Direction	(Inherited from System.Web.UI.WebControls.Panel)
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	Font	(Inherited from System.Web.UI.WebControls.WebControl)
	ForeColor	(Inherited from System.Web.UI.WebControls.WebControl)
	GroupingText	(Inherited from System.Web.UI.WebControls.Panel)
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	HorizontalAlign	(Inherited from System.Web.UI.WebControls.Panel)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)

	ScrollBars	(Inherited from System.Web.UI.WebControls.Panel)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.Panel)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Visible	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)
	Wrap	(Inherited from System.Web.UI.WebControls.Panel)

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Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
≡	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
≡	HasControls	(Inherited from System.Web.UI.Control)
≡	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	RenderBeginTag	Overridden. Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.
≡	RenderControl	(Inherited from System.Web.UI.Control)
≡	RenderEndTag	Overridden. Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.
≡	ResolveClientUrl	(Inherited from System.Web.UI.Control)
≡	ResolveUrl	(Inherited from System.Web.UI.Control)

	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)
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Public Events

	Name	Description
	DataBinding	(Inherited from System.Web.UI.Control)
	Disposed	(Inherited from System.Web.UI.Control)
	Init	(Inherited from System.Web.UI.Control)
	Load	(Inherited from System.Web.UI.Control)
	PreRender	(Inherited from System.Web.UI.Control)
	Unload	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1ExpanderContentContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

C1ExpanderContentContainer Constructor

Initializes a new instance of the [C1ExpanderContentContainer](#) class.

Syntax

Visual Basic (Declaration)	
<pre>Public Function New(_ ByVal owner As C1Expander _)</pre>	
C#	
<pre>public C1ExpanderContentContainer(</pre>	

```
C1Expander owner
)
```

Parameters

owner

The owner.

See Also

Reference

[C1ExpanderContentContainer Class](#)








[C1ExpanderContentContainer Members](#)

Methods

For a list of all members of this type, see [C1ExpanderContentContainer members](#).

Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
≡	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
≡	HasControls	(Inherited from System.Web.UI.Control)

 MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
 RenderBeginTag	Overridden. Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.
 RenderControl	(Inherited from System.Web.UI.Control)
 RenderEndTag	Overridden. Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.
 ResolveClientUrl	(Inherited from System.Web.UI.Control)
 ResolveUrl	(Inherited from System.Web.UI.Control)
 SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1ExpanderContentContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

RenderBeginTag Method

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.

Syntax

Visual Basic (Declaration)	
<pre>Public Overrides Sub RenderBeginTag(_ ByVal writer As System.Web.UI.HtmlTextWriter _)</pre>	

C#

```
public override void RenderBeginTag(
    System.Web.UI.HtmlTextWriter writer
)
```

Parameters

writer

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

See Also

Reference

[C1ExpanderContentContainer Class](#)

[C1ExpanderContentContainer Members](#)

RenderEndTag Method

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.

Syntax

Visual Basic (Declaration)

```
Public Overrides Sub RenderEndTag( _
    ByVal writer As System.Web.UI.HtmlTextWriter _
)
```

C#

```
public override void RenderEndTag(
    System.Web.UI.HtmlTextWriter writer
)
```

Parameters

writer

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

See Also

Reference











[C1ExpanderContentContainer Class](#)















[C1ExpanderContentContainer Members](#)


















Properties






For a list of all members of this type, see [C1ExpanderContentContainer members](#).

Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	BackColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BackImageUrl	(Inherited from System.Web.UI.WebControls.Panel)
	BorderColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderWidth	(Inherited from System.Web.UI.WebControls.WebControl)
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)

	ContentElementAttributes	Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DefaultButton	(Inherited from System.Web.UI.WebControls.Panel)
	Direction	(Inherited from System.Web.UI.WebControls.Panel)
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	Font	(Inherited from System.Web.UI.WebControls.WebControl)
	ForeColor	(Inherited from System.Web.UI.WebControls.WebControl)
	GroupingText	(Inherited from System.Web.UI.WebControls.Panel)
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)

	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	HorizontalAlign	(Inherited from System.Web.UI.WebControls.Panel)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	ScrollBars	(Inherited from System.Web.UI.WebControls.Panel)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.Panel)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)

	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Visible	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)
	Wrap	(Inherited from System.Web.UI.WebControls.Panel)

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See Also

Reference

[C1ExpanderContentContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

ContentElementAttributes Property

Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.

Syntax

Visual Basic (Declaration)	
<pre><System.ComponentModel.BrowsableAttribute(False)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> Public ReadOnly Property ContentElementAttributes As System.Web.UI.AttributeCollection</pre>	
C#	
<pre>[System.ComponentModel.Browsable(false)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public System.Web.UI.AttributeCollection ContentElementAttributes {get;}</pre>	

Property Value

The content element attributes.

See Also

Reference

[C1ExpanderContentContainer Class](#)

[C1ExpanderContentContainer Members](#)

C1ExpanderHeaderContainer

Represents the expander's header container.

Object Model

C1ExpanderHeaderContainer

Syntax

Visual Basic (Declaration)	
<pre><System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=, ToolboxItemTypeName="")> Public Class C1ExpanderHeaderContainer Inherits System.Web.UI.WebControls.Panel</pre>	
C#	
<pre>[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")] public class C1ExpanderHeaderContainer : System.Web.UI.WebControls.Panel</pre>	

Inheritance Hierarchy

```
System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      System.Web.UI.WebControls.Panel
        C1.Web.Wijmo.Controls.C1Expander.C1ExpanderHeaderContainer
```

See Also

Reference

[C1ExpanderHeaderContainer Members](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Overview

Represents the expander's header container.

Object Model

C1ExpanderHeaderContainer

Syntax

Visual Basic (Declaration)	
<pre><System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=, ToolboxItemTypeName="")> Public Class C1ExpanderHeaderContainer Inherits System.Web.UI.WebControls.Panel</pre>	
C#	
<pre>[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")] public class C1ExpanderHeaderContainer : System.Web.UI.WebControls.Panel</pre>	

Inheritance Hierarchy

System.Object
 System.Web.UI.Control
 System.Web.UI.WebControls.WebControl
 System.Web.UI.WebControls.Panel
 C1.Web.Wijmo.Controls.C1Expander.C1ExpanderHeaderContainer

See Also

Reference

[C1ExpanderHeaderContainer Members](#)
[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

Members














The following tables list the members exposed by [C1ExpanderHeaderContainer](#).
















Public Constructors


















	Name	Description
⇒	C1ExpanderHeaderContainer Constructor	Initializes a new instance of the C1ExpanderHeaderContainer class.


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Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	BackColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BackImageUrl	(Inherited from System.Web.UI.WebControls.Panel)
	BorderColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderWidth	(Inherited from System.Web.UI.WebControls.WebControl)
	ClientID	(Inherited from System.Web.UI.Control)
	ClientIDMode	(Inherited from System.Web.UI.Control)
	ContentElementAttributes	Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)















	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DefaultButton	(Inherited from System.Web.UI.WebControls.Panel)
	Direction	(Inherited from System.Web.UI.WebControls.Panel)
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	Font	(Inherited from System.Web.UI.WebControls.WebControl)
	ForeColor	(Inherited from System.Web.UI.WebControls.WebControl)
	GroupingText	(Inherited from System.Web.UI.WebControls.Panel)
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	HorizontalAlign	(Inherited from System.Web.UI.WebControls.Panel)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)




	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	ScrollBars	(Inherited from System.Web.UI.WebControls.Panel)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.Panel)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)
	UniqueID	(Inherited from System.Web.UI.Control)
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Visible	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)

	Wrap	(Inherited from System.Web.UI.WebControls.Panel)
---	------	--

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Public Methods

	Name	Description
	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	DataBind	(Inherited from System.Web.UI.Control)
	Dispose	(Inherited from System.Web.UI.Control)
	FindControl	(Inherited from System.Web.UI.Control)
	Focus	(Inherited from System.Web.UI.Control)
	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)
	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
	HasControls	(Inherited from System.Web.UI.Control)
	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	RenderBeginTag	Overridden. Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.
	RenderControl	(Inherited from System.Web.UI.Control)
	RenderEndTag	Overridden. Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.

	ResolveClientUrl	(Inherited from System.Web.UI.Control)
	ResolveUrl	(Inherited from System.Web.UI.Control)
	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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Public Events

	Name	Description
	DataBinding	(Inherited from System.Web.UI.Control)
	Disposed	(Inherited from System.Web.UI.Control)
	Init	(Inherited from System.Web.UI.Control)
	Load	(Inherited from System.Web.UI.Control)
	PreRender	(Inherited from System.Web.UI.Control)
	Unload	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1ExpanderHeaderContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

C1ExpanderHeaderContainer Constructor

Initializes a new instance of the [C1ExpanderHeaderContainer](#) class.

Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal owner As C1Expander _
```

```
)
C#
public C1ExpanderHeaderContainer(
    C1Expander owner
)
```

Parameters

owner

The owner.

See Also

Reference

[C1ExpanderHeaderContainer Class](#)










[C1ExpanderHeaderContainer Members](#)

Methods

For a list of all members of this type, see [C1ExpanderHeaderContainer members](#).

Public Methods

	Name	Description
≡	ApplyStyle	(Inherited from System.Web.UI.WebControls.WebControl)
≡	ApplyStyleSheetSkin	(Inherited from System.Web.UI.Control)
≡	CopyBaseAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
≡	DataBind	(Inherited from System.Web.UI.Control)
≡	Dispose	(Inherited from System.Web.UI.Control)
≡	FindControl	(Inherited from System.Web.UI.Control)
≡	Focus	(Inherited from System.Web.UI.Control)
≡	GetRouteUrl	Overloaded. (Inherited from System.Web.UI.Control)

	GetUniqueIDRelativeTo	(Inherited from System.Web.UI.Control)
	HasControls	(Inherited from System.Web.UI.Control)
	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	RenderBeginTag	Overridden. Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.
	RenderControl	(Inherited from System.Web.UI.Control)
	RenderEndTag	Overridden. Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.
	ResolveClientUrl	(Inherited from System.Web.UI.Control)
	ResolveUrl	(Inherited from System.Web.UI.Control)
	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

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See Also

Reference

[C1ExpanderHeaderContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

RenderBeginTag Method

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

Renders the HTML opening tag of the control to the specified writer. This method is used primarily by control developers.

Syntax

Visual Basic (Declaration)

```
Public Overrides Sub RenderBeginTag( _
    ByVal writer As System.Web.UI.HtmlTextWriter _
)
```

C#

```
public override void RenderBeginTag(
    System.Web.UI.HtmlTextWriter writer
)
```

Parameters

writer

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

See Also

Reference

[C1ExpanderHeaderContainer Class](#)

[C1ExpanderHeaderContainer Members](#)

RenderEndTag Method

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.

Syntax

Visual Basic (Declaration)

```
Public Overrides Sub RenderEndTag( _
    ByVal writer As System.Web.UI.HtmlTextWriter _
)
```

C#

```
public override void RenderEndTag(
    System.Web.UI.HtmlTextWriter writer
)
```

Parameters

writer

A **System.Web.UI.HtmlTextWriter** that represents the output stream to render HTML content on the client.

See Also










Reference
















[C1ExpanderHeaderContainer Class](#)
[C1ExpanderHeaderContainer Members](#)

















Properties







For a list of all members of this type, see [C1ExpanderHeaderContainer members](#).

Public Properties

	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AppRelativeTemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	Attributes	(Inherited from System.Web.UI.WebControls.WebControl)
	BackColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BackImageUrl	(Inherited from System.Web.UI.WebControls.Panel)
	BorderColor	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	BorderWidth	(Inherited from System.Web.UI.WebControls.WebControl)
	ClientID	(Inherited from System.Web.UI.Control)

	ClientIDMode	(Inherited from System.Web.UI.Control)
	ContentElementAttributes	Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.
	Controls	(Inherited from System.Web.UI.Control)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DefaultButton	(Inherited from System.Web.UI.WebControls.Panel)
	Direction	(Inherited from System.Web.UI.WebControls.Panel)
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableTheming	(Inherited from System.Web.UI.WebControls.WebControl)
	EnableViewState	(Inherited from System.Web.UI.Control)
	Font	(Inherited from System.Web.UI.WebControls.WebControl)
	ForeColor	(Inherited from System.Web.UI.WebControls.WebControl)
	GroupingText	(Inherited from System.Web.UI.WebControls.Panel)
	HasAttributes	(Inherited from

		System.Web.UI.WebControls.WebControl)
	Height	(Inherited from System.Web.UI.WebControls.WebControl)
	HorizontalAlign	(Inherited from System.Web.UI.WebControls.Panel)
	ID	(Inherited from System.Web.UI.Control)
	NamingContainer	(Inherited from System.Web.UI.Control)
	Page	(Inherited from System.Web.UI.Control)
	Parent	(Inherited from System.Web.UI.Control)
	RenderingCompatibility	(Inherited from System.Web.UI.Control)
	ScrollBars	(Inherited from System.Web.UI.WebControls.Panel)
	Site	(Inherited from System.Web.UI.Control)
	SkinID	(Inherited from System.Web.UI.WebControls.WebControl)
	Style	(Inherited from System.Web.UI.WebControls.WebControl)
	SupportsDisabledAttribute	(Inherited from System.Web.UI.WebControls.Panel)
	TabIndex	(Inherited from System.Web.UI.WebControls.WebControl)
	TemplateControl	(Inherited from System.Web.UI.Control)
	TemplateSourceDirectory	(Inherited from System.Web.UI.Control)
	ToolTip	(Inherited from System.Web.UI.WebControls.WebControl)

	UniqueID	(Inherited from System.Web.UI.Control)
	ValidateRequestMode	(Inherited from System.Web.UI.Control)
	ViewStateMode	(Inherited from System.Web.UI.Control)
	Visible	(Inherited from System.Web.UI.Control)
	Width	(Inherited from System.Web.UI.WebControls.WebControl)
	Wrap	(Inherited from System.Web.UI.WebControls.Panel)

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See Also

Reference

[C1ExpanderHeaderContainer Class](#)

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)

ContentElementAttributes Property

Gets a collection of all attribute name and value pairs expressed on the content element tag within the ASP.NET page.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)>
<System.ComponentModel.BrowsableAttribute(False)>
Public ReadOnly Property ContentElementAttributes As
System.Web.UI.AttributeCollection
```

C#

```
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)]
[System.ComponentModel.Browsable(false)]
public System.Web.UI.AttributeCollection ContentElementAttributes {get;}
```

Property Value

The content element attributes.

See Also

Reference

[C1ExpanderHeaderContainer Class](#)

[C1ExpanderHeaderContainer Members](#)

Enumerations

ExpandDirection

Specifies the direction towards which a C1Expander control opens.

Syntax

Visual Basic (Declaration)	
<pre>Public Enum ExpandDirection Inherits System.Enum</pre>	
C#	
<pre>public enum ExpandDirection : System.Enum</pre>	

Members

Member	Description
Bottom	The header will appear above the body and the control's body will expand towards the bottom of the control.
Left	The header will appear to the right of the body and the control's body will expand towards the left of the control.
Right	The header will appear to the left of the body and the control's body will expand towards the right of the control.
Top	The header will appear below the body and the control's body will expand towards the top of the control.

Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

C1.Web.Wijmo.Controls.C1Expander.ExpandDirection

See Also

Reference

[C1.Web.Wijmo.Controls.C1Expander Namespace](#)