
ComponentOne

ProgressBar for ASP.NET Web Forms

Copyright © 1987-2015 GrapeCity, Inc. All rights reserved.

ComponentOne, a division of GrapeCity

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

Website: <http://www.componentone.com>
Sales: sales@componentone.com
Telephone: 1.800.858.2739 or 1.412.681.4343 (Pittsburgh, PA USA Office)

Trademarks

The ComponentOne product name is a trademark and ComponentOne is a registered trademark of GrapeCity, Inc. All other trademarks used herein are the properties of their respective owners.

Warranty

ComponentOne warrants that the media on which the software is delivered is free from defects in material and workmanship, assuming normal use, for a period of 90 days from the date of purchase. If a defect occurs during this time, you may return the defective media to ComponentOne, along with a dated proof of purchase, and ComponentOne will replace it at no charge. After 90 days, you can obtain a replacement for the defective media by sending it and a check for \$25 (to cover postage and handling) to ComponentOne.

Except for the express warranty of the original media on which the software is delivered is set forth here, ComponentOne makes no other warranties, express or implied. Every attempt has been made to ensure that the information contained in this manual is correct as of the time it was written. ComponentOne is not responsible for any errors or omissions. ComponentOne's liability is limited to the amount you paid for the product. ComponentOne is not liable for any special, consequential, or other damages for any reason.

Copying and Distribution

While you are welcome to make backup copies of the software for your own use and protection, you are not permitted to make copies for the use of anyone else. We put a lot of time and effort into creating this product, and we appreciate your support in seeing that it is used by licensed users only.

Table of Contents

Overview	8
Help with ASP.NET Web Forms Edition	8
Key Features.....	8
Top Tips.....	9
Quick Start	9
Step 1 of 3: Creating the Project and Adding Controls.....	10
Step 2 of 3: Configuring the Controls.....	10
Step 3 of 3: Running the Project	11
Design-Time Support	12
Smart Tag and Tasks Menu.....	12
Context Menu	14
Elements	14
Track.....	15
Progress Indicator	15
Label.....	16
Appearance and Behavior.....	17
Themes.....	18
Keyboard Access	18
ToolTips.....	18
Easing Effect Descriptions.....	19
Animation Duration	21
Task-Based Help.....	21
Customizing Label	22
Aligning Label	22
Formatting Label	24
Working with Themes.....	25
Using a Built-In Theme.....	26
Using a Custom Theme	27
Formatting the ToolTip	29
Changing the Progress Indicator Fill Direction.....	31
Configuring Animations	33
Setting C1ProgressBar Values	34

Client-Side Reference.....	36
Using the Wijmo CDN	37
C1.Web.Wijmo.Controls.4 Assembly.....	39
Namespaces.....	39
C1.Web.Wijmo.Controls Namespace.....	39
Overview	39
Classes.....	39
C1BaseStateManager.....	39
Overview	40
Members.....	41
C1TargetControlBase	41
Overview	42
Members.....	42
Methods.....	47
GetProperty<V> Method	49
GetScriptDescriptors Method	50
GetScriptReferences Method	50
RegisterDesignTimeStyleSheet Method	51
SetProperty<V> Method.....	52
Properties.....	53
CDNDependencyPaths Property	56
CDNPath Property	57
DisplayVisible Property	58
EnableCombinedJavaScripts Property	58
Enabled Property	59
Theme Property	60
ThemeSwatch Property	61
UseCDN Property	62
WijmoControlMode Property	63
WijmoCssAdapter Property	64
WijChartNavigator	64
Overview	65
Members.....	66
WijChartNavigator Constructor	66

C1.Web.Wijmo.Controls.Base Namespace	67
Overview	67
Classes.....	67
C1BaseSerializer<TControl,TItem,TICollectionOwner>	67
Overview	69
Members.....	70
C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor	71
C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor(Object)	71
C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor(IComponentChangeService,Object)	72
Methods.....	73
LoadLayout Method.....	73
LoadLayout(String) Method	74
LoadLayout(Stream) Method.....	74
LoadLayout(String,LayoutType) Method	75
LoadLayout(Stream,LayoutType) Method	76
SaveLayout Method	77
SaveLayout(String) Method	77
SaveLayout(Stream) Method	78
Properties.....	78
Serializable Property	79
C1TargetCompositeControlBase.....	79
Overview	80
Members.....	81
Methods.....	86
GetProperty<V> Method	87
GetScriptDescriptors Method	88
GetScriptReferences Method	89
RegisterDesignTimeStyleSheet Method	89
SetProperty<V> Method.....	90
Properties.....	91
CDNDependencyPaths Property	94
CDNPath Property	95
DisplayVisible Property	96

EnableCombinedJavaScripts Property	97
Enabled Property	98
Theme Property	99
ThemeSwatch Property	100
UseCDN Property	101
WijmoControlMode Property	101
WijmoCssAdapter Property	102
C1TargetCompositeDataBoundControlBase.....	103
Overview	104
Members.....	105
Methods.....	111
GetProperty<V> Method	112
GetScriptDescriptors Method	113
GetScriptReferences Method	114
RegisterDesignTimeStyleSheet Method	114
SetProperty<V> Method	115
Properties.....	116
CDNDependencyPaths Property	120
CDNPath Property	121
DisplayVisible Property	121
EnableCombinedJavaScripts Property	122
Enabled Property	123
Theme Property	124
ThemeSwatch Property	125
UseCDN Property	126
WijmoControlMode Property	127
WijmoCssAdapter Property	127
C1TargetDataBoundControlBase	128
Overview	129
Members.....	130
Methods.....	136
GetProperty<V> Method	137
GetScriptDescriptors Method	138
GetScriptReferences Method	139

RegisterDesignTimeStyleSheet Method	139
SetPropertyValue<V> Method	140
Properties.....	141
CDNDependencyPaths Property	145
CDNPath Property	146
DisplayVisible Property	146
EnableCombinedJavaScripts Property	147
Enabled Property	148
Theme Property	149
ThemeSwatch Property	150
UseCDN Property	151
WijmoControlMode Property	152
WijmoCssAdapter Property	152
C1TargetHierarchicalDataBoundControlBase.....	153
Overview	154
Members.....	155
Methods.....	160
GetPropertyValue<V> Method	162
GetScriptDescriptors Method	163
GetScriptReferences Method	163
RegisterDesignTimeStyleSheet Method	164
SetPropertyValue<V> Method	165
Properties.....	165
CDNDependencyPaths Property	169
CDNPath Property	170
DisplayVisible Property	171
EnableCombinedJavaScripts Property	171
Enabled Property	172
Theme Property	173
ThemeSwatch Property	174
UseCDN Property	175
WijmoControlMode Property	176
WijmoCssAdapter Property	177
UIElement	177

Overview	178
Members.....	179
UIElement Constructor	183
UIElement Constructor()	183
UIElement Constructor(HtmlTextWriterTag).....	184
Properties.....	184
CssClass Property	187
DisplayVisible Property	187
C1.Web.Wijmo.Controls.C1ProgressBar Namespace	188
Overview	188
Classes.....	189
C1ProgressBar	189
Overview	190
Members.....	191
C1ProgressBar Constructor	199
Methods.....	200
LoadLayout Method	201
LoadLayout(String) Method	202
LoadLayout(Stream) Method	203
LoadLayout(String,LayoutType) Method	203
LoadLayout(Stream,LayoutType) Method	204
SaveLayout Method	205
SaveLayout(String) Method	205
SaveLayout(Stream) Method	206
Properties.....	207
AnimationDelay Property	212
AnimationOptions Property.....	213
FillDirection Property.....	214
Height Property.....	215
IndicatorImage Property	215
IndicatorIncrement Property	216
LabelAlign Property.....	217
LabelFormatString Property.....	218
MaxValue Property	219

MinValue Property	220
OnClientBeforeProgressChanging Property.....	221
OnClientProgressChanged Property	221
OnClientProgressChanging Property	222
StartTaskButton Property	223
StopTaskButton Property.....	224
ToolTip Property	225
Value Property	226
Width Property	227
Events.....	227
RunTask Event.....	228
C1ProgressBarSerializer	229
Overview	230
Members.....	230
C1ProgressBarSerializer Constructor	231
C1ProgressBarTaskEventArgs	232
Overview	233
Members.....	233
C1ProgressBarTaskEventArgs Constructor	234
Methods.....	235
UpdateProgress Method.....	235
UpdateProgress(Int32) Method.....	236
UpdateProgress(Int32,String) Method	237
Properties.....	237
ExtraData Property	238
Value Property	238
Enumerations.....	239
FillDirection	239
LabelAlign.....	240
Delegates	241
C1ProgressBarTaskEventHandler.....	241

Overview

Keep your end-users informed by adding **ProgressBar for ASP.NET Web Forms** to your next Web project. **ProgressBar for ASP.NET Web Forms** is a graphical user-interface element that serves as both a gauge and an indicator; it allows user determine the progress of an operation while also reminding them that the process is still running. You can use it to present a static symbol of progress or to illustrate the progress of a live operation. **ProgressBar for ASP.NET Web Forms** features five built-in visual styles, customizable labels and ToolTips, dozens of animations, and much more.

Getting Started

Get started with the following topics:

- [Quick Start](#)
- [Design-Time Support](#)

Help with ASP.NET Web Forms Edition

For information on installing ComponentOne Studio for 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](#).

See Also

[Key Features](#)

Key Features

The following are some of the main features of [C1ProgressBar](#) that you may find useful:

- **Animations**
Choose from over 30 built-in animations to spice up the progress bar's fill effect. You can choose how fast and how frequently each animation runs.
- **Theming**
With just a click of the SmartTag, change the progress bar's look by selecting one of the 5 premium themes (Midnight, Aristo, Rocket, Cobalt, and Sterling). Optionally, use 'ThemeRoller' from jQuery UI to create a customized theme.
- **Customizable Labels**
Customize your label so that it appears on right/bottom, left/top, or in the center of the control. Labels can also be set to run as a marquee as the progress bar fills. Labels can be formatted using one of six progress< indicators: current progress value, current percent progress, remaining progress, percentage remaining, minimum value, and maximum value. See [Label](#) for more information.

- **CSS Support**

Use a cascading style sheet (CSS) style to define custom skins. CSS support allows you to match the progressbar to your organization's standards.

See Also

[Quick Start](#)

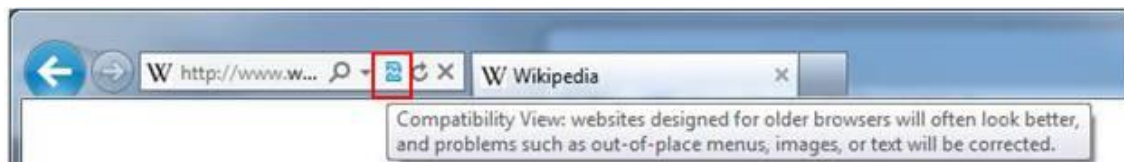
Top Tips

The following tips may help you troubleshoot when working with ASP.NET Web Forms Edition.

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" />
```

Quick Start

In this **ProgressBar for ASP.NET Web Forms** quick start, you will create an ASP.NET Web site project with one [C1ProgressBar](#) and two **Button** controls. When the **Start** button is clicked, it fires the RunTask event, and the progress bar will start updating, via the UpdateProgress method, every half second (500 milliseconds). When the **Stop** button is clicked, the progress bar will no longer update.

See Also

[Step 1 of 3: Creating the Project and Adding Controls](#)

[Step 2 of 3: Configuring the Controls](#)

[Step 3 of 3: Running the Project](#)

Step 1 of 3: Creating the Project and Adding Controls

In this step of the quick start, you will create your ASP.NET Web site project and add a [C1ProgressBar](#) and two **Button** controls to the page.

1. Create a new ASP.NET Web site.
2. Click the **Design** button to enter Design view.
3. Double-click the C1ProgressBar icon in the Visual Studio Toolbox to add the control to your page.
4. Add two standard **Button** controls, setting the **Text** properties to **Start** and **Stop** respectively, so the page looks similar to the following example:



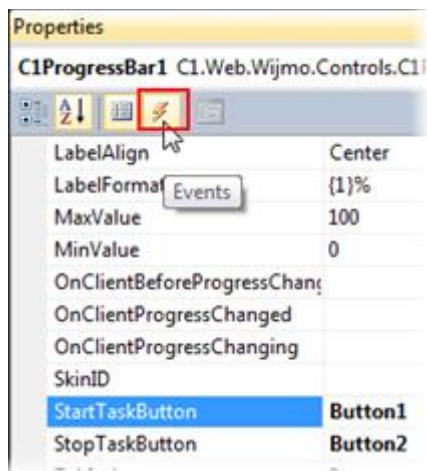
See Also

[Step 2 of 3: Configuring the Controls](#)

Step 2 of 3: Configuring the Controls

In this step, you will specify the [StartTaskButton](#) and [StopTaskButton](#), which will designate the button controls as the buttons that will start and stop the progress bar updating process.

1. Select the [C1ProgressBar](#) control and in the Visual Studio Properties window, click the drop-down arrow next to StartTaskButton and select **Button1**.
2. Set the StopTaskButton property to **Button2**.
3. In the Properties window, click the **Events** button to list all of the events for the **C1ProgressBar1** control.



Next to the RunTask event, enter **ProgressBar1_RunTask**. This creates an event in Code view, where you can enter the following code, so the event looks like this:

Visual Basic

Visual Basic	Copy Code
<pre>Protected Sub ProgressBar1_RunTask(sender As Object, e As C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarTaskEventArgs) For i As Integer = 0 To 99 System.Threading.Thread.Sleep(500) e.UpdateProgress(i) Next End Sub</pre>	

C#

C#	Copy Code
<pre>protected void ProgressBar1_RunTask(object sender, C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarTaskEventArgs e) { for (int i = 0; i < 100; i++) { System.Threading.Thread.Sleep(500); e.UpdateProgress(i); } }</pre>	

When the **Start** button is clicked, the RunTask event fires and calls the UpdateProgress method to update the progress bar by 1 integer every 500 milliseconds.

See Also

[Step 3 of 3: Running the Project](#)

Step 3 of 3: Running the Project

Press **F5** to run the project and click the Start button. The [C1ProgressBar](#) starts updating 1% every half of a second. Click the **Stop** button to stop the updates.



See Also

[Design-Time Support](#)

Design-Time Support

[C1ProgressBar](#) provides smart tags and a designer that offers rich design-time support and simplifies working with the object model.

The following topics describe how to use **C1ProgressBar**'s design-time environment to configure the **C1ProgressBar** control.

See Also

[Smart Tag and Tasks Menu](#)

[Context Menu](#)

Smart Tag and Tasks Menu

The [C1ProgressBar](#) control includes a smart tag in Visual Studio. A smart tag represents a short-cut tasks menu that provides the most commonly used properties in **C1ProgressBar**.

To access the **C1ProgressBar Tasks** menu, click on the smart tag in the upper-right corner of the **C1ProgressBar** control. This will open the **C1ProgressBar Tasks** menu.

The screenshot shows a 'C1ProgressBar Tasks' menu with the following options:

- FillDirection**: A dropdown menu currently set to 'East'.
- LabelAlign**: A dropdown menu currently set to 'Center'.
- Value**: A text input field containing the number '0'.
- Theme**: A dropdown menu currently set to 'aristo'.
- Create new theme...**: A link to create a new theme.
- Use CDN**: An unchecked checkbox.
- CDN path**: A text input field containing 'http://cdn.wijmo.com/'.
- Use Bootstrap**: An unchecked checkbox.
- Mobile Mode**: An unchecked checkbox.
- About...**: A link to view the about page.
- Add Extender...**: A link to add an extender.

The **C1ProgressBar Tasks** menu operates as follows:

- **FillDirection**
The direction from which the progress indicator fills the progress bar.
- **LabelAlign**
The alignment of the progress bar's progress label.
- **Value**
The value of the progress indicator. This value must be somewhere between the **MinValue** and **MaxValue** property.
- **Theme**
The Wijmo theme for the control. You can select from one of the five built-in controls, or you may enter the location of your custom theme into this box.
- **Create new theme**
The **Create new theme** option opens **ThemeRoller for Visual Studio**. This allows you to customize a theme without leaving your development environment. To find more information on using **ThemeRoller** in your application, see [ThemeRoller for Visual Studio](#).
- **Use CDN**
The **Use CDN** check box specifies whether you want to get the client-side reference from an online CDN.
- **CDN Path**
The path to the CDN files.
- **Use Bootstrap**
The **Use Bootstrap** option applies Bootstrap theming to your control. To find more information on using **Bootstrap** theming in your application, see [Bootstrap Theming](#).
- **About**
Clicking the **About** item displays a dialog box, which is helpful in finding the version number of **ASP.NET Web Forms Edition** and online resources.

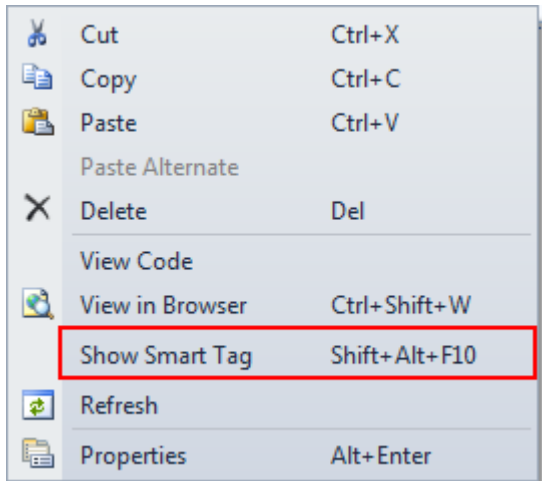
See Also

[Context Menu](#)

Context Menu

[C1ProgressBar](#) has additional commands available on the context menu that Visual Studio provides for all .NET and ASP.NET controls.

Right-click anywhere on the C1ProgressBar control to display the context menu:



The **C1ProgressBar** context menu operates as follows:

- **Show Smart Tag**
Clicking **Show Smart Tag** opens the **C1ProgressBar Tasks** menu.

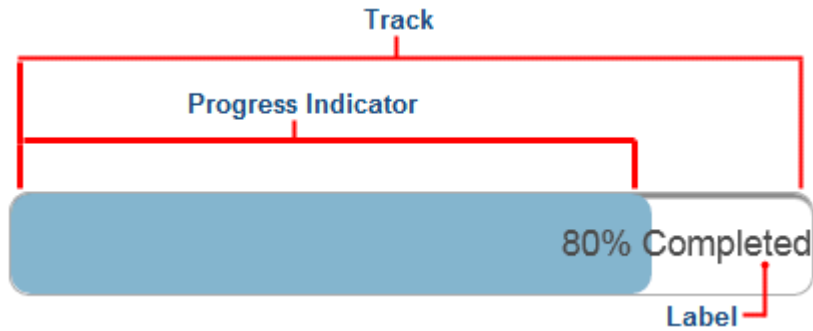
See Also

[Elements](#)

Elements

The [C1ProgressBar](#) control is a graphical user-interface element that provides users with a visual representation of the progress of an operation. It is different from most of the other control in ASP.NET Web Forms Edition in that it isn't meant to be interactive; it merely indicates that a process is running.

C1ProgressBar, by default, consists of three different elements:- the track, the progress indicator, and a label. These elements are labeled in the following graphic:



- **Track:** The track runs the length of the control and contains the label control. When a process is started, the track will also become home to the progress indicator.
- **Progress Indicator:** The progress indicator provides a visual representation of the progress completed in a task.
- **Label:** The label control is used to provide an alpha-numeric representation of progress. The label can show six different values; it can also be overridden to display static text or static numbers.

The following topics illustrate the elements of the C1ProgressBar.

See Also

[Track](#)

[Progress Indicator](#)

[Label](#)

Track

The [C1ProgressBar](#) control's track runs the length of the control. By default, the track appears in only one color (usually gray), indicating that no process has been started yet. If a process has been started, track will appear in two contrasting colors, one of which indicates the amount of the process that has completed and the other of which indicates the amount of the process that is left.

The size of the C1ProgressBar track is set using the Width and Height properties. The track can be vertical or horizontal in orientation.

See Also

[Progress Indicator](#)

Progress Indicator

The progress indicator provides a visual representation of the current progress between a minimum and a maximum value. The progress indicator can fill from the right, left, top or side by setting the [FillDirection](#) property. The FillDirection property can be set as follows:

Setting	Description
North	The progress indictator fills from the bottom to the top of the control -This switches the orientation of the control to a vertical position.
South	The progress indicator fills from the top to the bottom of the control This switches the orientation of the control to a vertical position.
East	The progress indicator fills from right to lef of the control
West	The progress indicator fills from left to right of the control

The progress indicator is filled to a percentage, which is based the value of the Value property as compared to the values of the MinValue and MaxValue properties. For example, if the MinValue property is set to 0, the MaxValue is set to 100, and the Value property is set to 25, the progress indicator will fill 25% of the track. If the MinValue property is set to 100, the MaxValue is set to 300, and the Value property is set to 200, the progress indicator will fill 50% of the track.

The progress indicator can represent either a fixed indication of progress, or it can be used to convey up-to-date progress indicators.

See Also

[Label](#)

Label

The progress bar's label is used to provide an alpha-numeric representation of progress. The label can display any one of these six formats:

Topic	Description
<i>{0} or {ProgressValue}</i>	Displays the current progress.
<i>{1} or {PercentProgress}</i>	Displays the current percent progress.
<i>{2} or {RemainingProgress}</i>	Displays the progress needed to complete the task.
<i>{3} or {PercentageRemaining}</i>	Displays the percentage of the process remaining.
<i>{4} or {Min}</i>	Displays the value of the MinValue property.

<code>{5}</code> or <code>{Max}</code>	Displays the value of the <code>MaxValue</code> property.
--	---

To set the label to one of these formats, set the [LabelFormatString](#) property. You can add any text you want around outside of the curly braces. For example, you can enter `{ProgressValue} percent finished` and that will show the percentage that is left to complete in the task. You can also overwrite the entire `ToolTip` with a custom string.

Label Alignment

The label element can be aligned in several different ways by setting the [LabelAlign](#) property. The following settings are available:

Setting	Description
East	The label is aligned to the right side of the control.
West	The label is aligned to the left side of the control.
Center	The label is aligned to the center of the control.
North	The label is aligned to the top of the control.
South	The label is aligned to the bottom of the control.
Running	The label runs as a marquee.

See Also

[Appearance and Behavior](#)

Appearance and Behavior

The following topics provide information about [C1ProgressBar](#)'s behavioral and appearance-related features. Some of these features affect how the control acts when loaded, whereas others affect the users' interactions with the control.

See Also

[Themes](#)

[Keyboard Access](#)

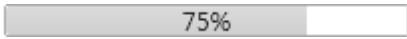
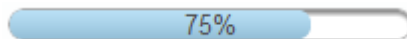
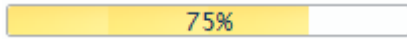
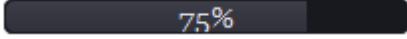
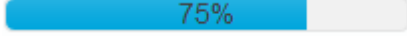
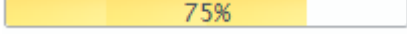
[ToolTips](#)

Easing Effect Descriptions

Animation Duration

Themes

The [C1ProgressBar](#) control contains six built-in themes. When one of these themes is selected, all other ASP.NET Web Forms Edition controls on the page will be skinned accordingly. The themes will appear on the C1ProgressBar control as follows:

arctic	
aristo	
cobalt	
midnight	
rocket	
sterling	

To set the theme of the C1ProgressBar control, simply set its Theme property to one of the built-in themes.

Keyboard Access

ProgressBar for ASP.NET Web Forms features keyboard support for the [C1ProgressBar](#) control. You can enable this feature for the whole control by setting the **C1ProgressBar.AccessKey** property to an access key. Once the **AccessKey** property is set, you can access the control by pressing the ALT key and the access key simultaneously on your keyboard.

ToolTips

You can use the [ToolTip](#) property to create a user-friendly interface. ToolTips are graphic user interface elements that are used to provide users with information regarding a UI element. When users hover over the element with their cursor, a box will appear with the additional information.

The [C1ProgressBar](#) control's ToolTip is usually used to inform users about the process that is taking place; it lets users know how much longer the process will be.

The C1ProgressBar control's ToolTip can display any one of these six formats:

Topic	Description
{0} or {ProgressValue}	Displays the current progress.
{1} or {PercentProgress}	Displays the current percent progress.
{2} or {RemainingProgress}	Displays the progress needed to complete the task.
{3} or {PercentageRemaining}	Displays the percentage of the process remaining.
{4} or {Min}	Displays the value of the MinValue property.
{5} or {Max}	Displays the value of the MaxValue property.

See Also

[Easing Effect Descriptions](#)

Easing Effect Descriptions

[C1ProgressBar](#) contains over thirty built-in animation effects that change the reaction of the progress bar when it is moved. The default easing effect is **Swing**, but you can set it to another effect using the **Easing** property. You can also turn all animations off by setting the **Animation.Disabled** property to **True**.

The table below describes each animation effect:

Name	Description
Linear	Linear easing. Moves smoothly without acceleration or deceleration.
Swing (default)	This is the default animation effect.
EaseInQuad	Quadratic easing in. Starts slowly and then accelerates.
EaseOutQuad	Quadratic easing out. Starts quickly and then decelerates.
EaseInOutQuad	Quadratic easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInCubic	Cubic easing in. Starts slowly and then accelerates.

EaseOutCubic	Cubic easing out. Starts quickly and then decelerates.
EaseInOutCubic	Cubic easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInQuart	Quartic easing in. Starts slowly and then accelerates.
EaseOutQuart	Quartic easing out. Starts quickly and then decelerates.
EaseInOutQuart	Quartic easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInQuint	Quintic easing in. Starts slowly and then accelerates.
EaseOutQuint	Quintic easing out. Starts quickly and then decelerates.
EaseInOutQuint	Quintic easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInSine	Sinusoidal easing in. Starts slowly and then accelerates.
EaseOutSine	Sinusoidal easing out. Starts quickly and then decelerates.
EaseInOutSine	Sinusoidal easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInExpo	Exponential easing in. Starts slowly and then accelerates.
EaseOutExpo	Exponential easing out. Starts quickly and then decelerates.
EaseInOutExpo	Exponential easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInCirc	Circular easing in. Starts slowly and then accelerates.
EaseOutCirc	Circular easing out. Starts quickly and then decelerates.
EaseInOutCirc	Circular easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInElastic	Elastic easing in. Starts slowly and then accelerates.
EaseOutElastic	Elastic easing out. Starts quickly and then decelerates.

EaseInOutElastic	Elastic easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInBack	Back easing in. Starts slowly and then accelerates.
EaseOutBack	Back easing out. Starts quickly and then decelerates.
EaseInOutBack	Back easing in and out. Starts slowly, accelerates, and then decelerates.
EaseInBounce	Bouncing easing in. Starts slowly and then accelerates.
EaseOutBounce	Bouncing easing out. Starts quickly and then decelerates.
EaseInOutBounce	Bouncing easing in and out. Starts slowly, accelerates, and then decelerates.

See Also

[Animation Duration](#)

Animation Duration

You can set the length of [C1ProgressBar's](#) animation effect takes using the **Duration** property. The unit of time used for specifying animation effect duration is in milliseconds, and the default setting for the **Duration** property is **500** milliseconds (or half a second). Increase this value for longer animation effect, and decrease this number for a shorter animation effect.

Task-Based Help

The task-based help section assumes that you are familiar with programming in the Visual Studio ASP.NET environment and have a general understanding of the **ProgressBar** control. Each topic provides a solution for specific tasks using the [C1ProgressBar](#) control. By following the steps outlined in each topic, you will be able to create projects using a variety of C1ProgressBar features. Each task-based help topic also assumes that you have created a new ASP.NET project.

See Also

[Customizing Label](#)

[Working with Themes](#)

[Formatting the ToolTip](#)

[Changing the Progress Indicator Fill Direction](#)

[Configuring Animations](#)[Setting C1ProgressBar Values](#)

Customizing Label

The following topics discuss how to customize the [C1ProgressBar](#) control's label element.

See Also

[Aligning Label](#)[Formatting the ToolTip](#)

Aligning Label

By default, the [C1ProgressBar](#) control's label is aligned in the center of the control. In this topic, you will learn how to change the alignment of the label in Design view, in Source view, and in code.

Aligning the Label in Design View

Complete the following steps:

1. Click the **Design** button to enter Design view.
2. Right-click the C1ProgressBar control to open its context menu and select **Properties**. The Properties window opens with the C1ProgressBar control's properties in focus.
3. Locate the [LabelAlign](#) property, click its drop-down arrow, and select **East** from the list.
4. Press **F5** to run the project and observe that the label now appears on the right side of the control.

Aligning the Label in Source View

Complete the following steps:

1. Click the **Source** button to enter Source view.
2. Add LabelAlign = 'East' to the <cc1:C1ProgressBar> tag so that the markup resembles the following:

```
<cc1:C1ProgressBar ID="C1ProgressBar1" runat="server"
LabelAlign="East" />
```
3. Press **F5** to run the project and observe that the label now appears on the right side of the control.

Aligning the Label in Code

Complete the following steps:

1. On the Visual Studio toolbar, click **View | Code** to enter code view.
2. Import the following namespace into your project:

Visual Basic

Visual Basic	Copy Code
Imports C1.Web.Wijmo.Controls.C1ProgressBar	

C#

CS	Copy Code
using C1.Web.Wijmo.Controls.C1ProgressBar;	

- Align the label by placing the following code in the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
C1ProgressBar1.LabelAlign = LabelAlign.East	

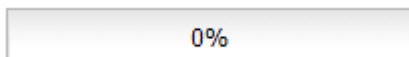
C#

C#	Copy Code
C1ProgressBar1.LabelAlign = LabelAlign.East;	

- Press **F5** to run the project and observe that the label now appears on the right side of the control.

✔ This Topic Illustrates the Following:

In this topic, you aligned the C1ProgressBar control's label to the right side of the control. The result of this topic resembles the following:



See Also

[Formatting Label](#)

Formatting Label

By default, the [C1ProgressBar](#) control label displays a label with the current percentage of progress. In this topic, you will customize the label so that it displays a modified string along with the maximum value setting of the control. This topic assumes that you have created an ASP.NET AJAX-Enabled Web site containing a **ScriptManager** control and a C1ProgressBar control.

Formatting the Label in Design View

Complete the following steps:

1. Click the **Design** button to enter Design view.
2. Right-click the C1ProgressBar control to open its context menu and select **Properties** from the list. The Properties window opens with the C1ProgressBar control's properties in focus.
3. Set the [LabelFormatString](#) property to 'Maximum Value: {5}'.



4. Press **F5** to run the project and run your cursor over the C1ProgressBar control. Observe that a label appears with 'Maximum value: 100' as its string.

Formatting the Label in Source View

Complete the following steps:

1. Click the **Source** button to enter Source view.
2. Place `LabelFormatString = 'Maximum Value: {5}'` in the `<c1:C1ProgressBar>` tag so that the markup resembles the following:

```
<c1:C1ProgressBar ID="C1ProgressBar1" runat="server"
Width="288px" Height="22px" UseEmbeddedVisualStyles="True"
VisualStyle="ArcticFox" LabelFormatString="Maximum value: {5}"
/>
```
3. Press **F5** to run the project and run your cursor over the C1ProgressBar control. Observe that a label appears with 'Maximum value: 100' as its string.

Formatting the Label in Code

Complete the following steps:

1. On the Visual Studio toolbar, click **View | Code** to enter code view.
2. Import the following namespace into your project:

[Visual Basic](#)

Visual Basic	Copy Code
Imports C1.Web.Wijmo.Controls.C1ProgressBar	

C#

C#	Copy Code
using C1.Web.Wijmo.Controls.C1ProgressBar;	

3. Customize the label by adding the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
C1ProgressBar1.LabelFormatString = "Maximum value: {5}"	

C#

C#	Copy Code
C1ProgressBar1.LabelFormatString = "Maximum value: {5}";	

4. Press **F5** to run the project and run your cursor over the C1ProgressBar control. Observe that a label appears with 'Maximum value: 100' as its string.

✓ This Topic Illustrates the Following:

In this topic, you created a custom label for the C1ProgressBar control. The following topic illustrates a progress bar with its LabelFormatString property set to 'Maximum Value: {5}'.



See Also

[Working with Themes](#)

Working with Themes

The topics in this section illustrate how to utilize built-in themes and custom themes.

See Also

[Using a Built-In Theme](#)


[Using a Custom Theme](#)

Using a Built-In Theme

A [C1ProgressBar](#) control has six embedded themes that you can apply with just a few clicks. This topic illustrates how to change the theme in Design view, in Source view, and in code. For more information on themes, see [Themes](#).

Changing the Theme in Design View

Complete the following steps:

1. Click the **C1ProgressBar** smart tag () to open the **C1ProgressBar Tasks** menu.
2. Click the **Theme** drop-down arrow and select a theme from the list. For this example, select **rocket**.

The **rocket** theme is applied to the C1ProgressBar control.

Changing the Theme in Source View

To change the theme of your **C1ProgressBar** in Source view, add `VisualStyle="rocket"` to the `<cc1:C1ProgressBar>` tag so that it resembles the following:

```
<cc1:C1ProgressBar ID="C1ProgressBar1" runat="server" Theme="rocket"/>
```

Changing the Theme in Code

Complete the following steps:

1. Import the following namespace into your project:

[Visual Basic](#)

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

[C#](#)

Title Text	Copy Code
using C1.Web.Wijmo.Controls;	

2. Add the following code, which sets the Theme property, to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
C1ProgressBar1.Theme = "rocket"	

C#

Title Text	Copy Code
C1ProgressBar1.Theme = "rocket";	

3. Run the program.

✔ This topic illustrates the following:

The following image shows a **C1ProgressBar** control with the **rocket** theme:



See Also

[Using a Custom Theme](#)

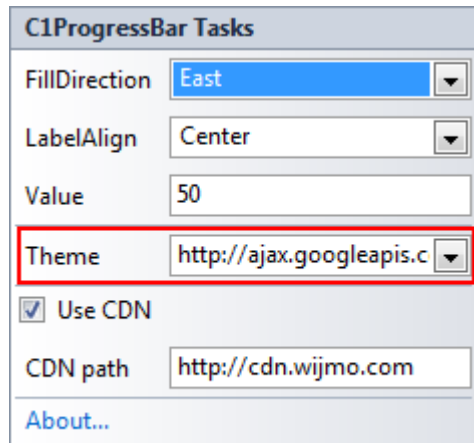
Using a Custom Theme

ProgressBar for ASP.NET Web Forms provides six built-in themes, but if you prefer to use a different theme, you can choose an existing theme using a CDN URL or create your own custom theme with the jQuery ThemeRoller Web application. We will use C1ProgressBar in the following examples.

Using a CDN URL

Complete the following steps:

1. Click the C1ProgressBar smart tag to open the **Tasks** menu.
2. In the **Theme** property, enter a CDN URL to specify the theme; CDN URLs can be found at <http://blog.jqueryui.com/2011/06/jquery-ui-1-8-14/>. In this example, we'll use the *trontastic* theme:
<http://ajax.googleapis.com/ajax/libs/jqueryui/1.8.14/themes/trontastic/jquery-ui.css>.



This theme setting is stored in the **<appSettings>** of the **Web.config** file. In the Solution Explorer, double-click the **Web.config** file. Notice the **<appSettings>** tag contains a **WijmoTheme** key and value; this is where the CDN URL you added is specified.

3. Run the project and notice the theme is applied to C1ProgressBar.



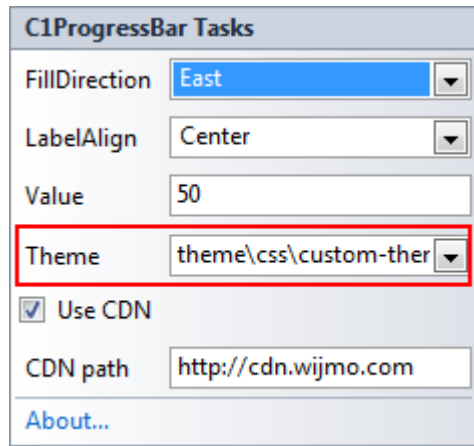
Using ThemeRoller for Visual Studio

The new **ThemeRoller for Visual Studio** makes designing beautiful themes for **ASP.NET Web Forms Edition** Controls easy. For more information on creating and editing a **ThemeRoller for Visual Studio** theme, please see [ThemeRoller for Visual Studio](#).

Using jQuery ThemeRoller

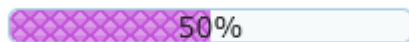
Complete the following steps:

1. Go to <http://jqueryui.com/themeroller/>.
2. On the **Roll Your Own** tab, change the settings to create a custom theme; you can customize fonts, colors, backgrounds, borders, and more. Or click the **Gallery** tab and select an existing theme.
3. Click the **Download** button and then click **Download** again on the **Build Your Download** page.
4. Save and unzip the theme .zip file to a folder within your Visual Studio project folder. In this example, we created a **customtheme** folder.
5. In the Solution Explorer, click **Show All Files** and then right-click the **customtheme** folder and select **Include in Project**.
6. Click the C1ProgressBar smart tag to open the **Tasks** menu.
7. In the **Theme** property, enter the path to your custom theme .css; for example, **custom-theme\css\custom-theme/jquery-ui-1.8.15.custom.css**.



This theme setting is stored in the **<appSettings>** of the **Web.config** file. In the Solution Explorer, double-click the **Web.config** file. Notice the **<appSettings>** tag contains a **WijmoTheme** key and value; this is where the custom theme you added is specified.

8. Run the project and notice the theme is applied to C1ProgressBar.



See Also

[Formatting the ToolTip](#)

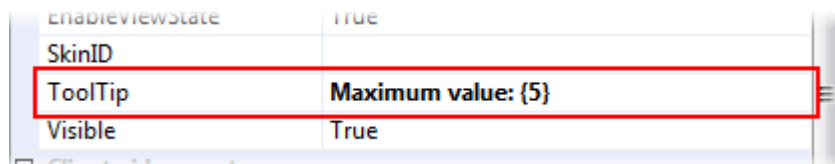
Formatting the ToolTip

At run time, the **C1ProgressBar** control will display a **ToolTip** if a user runs his cursor over it. By default, this ToolTip will display the current percentage of progress. In this topic, you will customize the ToolTip so that it displays a modified string along with the maximum value setting of the control. This topic assumes that you have created an ASP.NET AJAX-Enabled Web site containing a **ScriptManager** control and a C1ProgressBar control.

Formatting the ToolTip in Design View

Complete the following steps:

1. Click the **Design** button to enter Design view.
2. Right-click the C1ProgressBar control to open its context menu and select **Properties** from the list. The Properties window opens with the C1ProgressBar control's properties in focus.
3. Set the ToolTip property to 'Maximum Value: {5}'.



- Press **F5** to run the project and run your cursor over the C1ProgressBar control. Observe that a ToolTip appears with 'Maximum value: 100' as its string.

Formatting the ToolTip in Source View

Complete the following steps:

- Click the **Source** button to enter Source view.
- Place `ToolTip = "Maximum Value: {5}"` in the `<cc1:C1ProgressBar>` tag so that the markup resembles the following:

```
<cc1:C1ProgressBar ID="C1ProgressBar1" runat="server"
Width="288px" Height="22px" UseEmbeddedVisualStyles="True"
VisualStyle="ArcticFox" ToolTip="Maximum value: {5}" />
```
- Press F5 to run the project and run your cursor over the C1ProgressBar control. Observe that a ToolTip appears with 'Maximum value: 100' as its string.

Formatting the ToolTip in Code

Complete the following steps:

- On the Visual Studio toolbar, click **View | Code** to enter code view.
- Import the following namespace into your project:

Visual Basic

Visual Basic	Copy Code
Imports C1.Web.Wijmo.Controls.C1ProgressBar	

C#

C#	Copy Code
using C1.Web.Wijmo.Controls.C1ProgressBar;	

- Customize the ToolTip by adding the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
C1ProgressBar1.ToolTip = "Maximum value: {5}"	

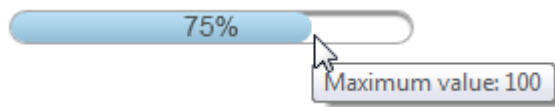
C#

C#	Copy Code
C1ProgressBar1.ToolTip = "Maximum value: {5}";	

4. Press **F5** to run the project and run your cursor over the C1ProgressBar control. Observe that a ToolTip appears with 'Maximum value: 100' as its string.

✔ This Topic Illustrates the Following:

In this topic, you created a custom ToolTip for the C1ProgressBar control. The following image illustrates a progress bar with its ToolTip property set to "Maximum Value: {5}".



See Also

[Changing the Progress Indicator Fill Direction](#)

Changing the Progress Indicator Fill Direction

By default, the progress indicator will fill the track starting from the left side of the control. The fill direction can be changed to fill from the right, bottom, or top by setting one property: [FillDirection](#). In this topic, you will set the **FillDirection** property in Design view, in Source view, and in code.

Changing the Fill Direction in Design View

Complete the following steps:

1. Click the **Design** button to enter Design view.
2. Right-click the C1ProgressBar control to open its context menu and select **Properties**. The Properties window opens with the C1ProgressBar control's properties in focus.
3. In the Properties window, set the **FillDirection** property. For this example, set the property to **West**.

Changing the Fill Direction in Source View

Complete the following steps:

1. Click the **Source** button to enter Source view.
2. Add `FillDirection="West"` to C1ProgressBar's tag so that the markup resembles the following:

```
<c1:C1ProgressBar ID="C1ProgressBar1" runat="server"
FillDirection = "West" Value="100" AnimationDuration="6000"/>
```

Changing the Fill Direction in Code

Complete the following steps:

1. On the Visual Studio toolbar, click **View | Code** to enter code view.
2. Import the following namespace into your project:

Visual Basic

Visual Basic	Copy Code
Imports C1.Web.Wijmo.Controls.C1ProgressBar	

C#

C#	Copy Code
using C1.Web.Wijmo.Controls.C1ProgressBar;	

3. Add the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
'Set the FillDirection property to FromRightOrBottom C1ProgressBar1.FillDirection = FillDirection.West	

C#

C#	Copy Code
// Set the FillDirection property to FromRightOrBottom C1ProgressBar1.FillDirection = FillDirection.West;	

See Also

[Configuring Animations](#)

Configuring Animations

The **C1ProgressBar** control features thirty-one built in animations. In this topic, you will set the animation, the duration of the animation, and the delay of the animation in Design view, in Source view, and in code.

Configuring Animations in Design View

Complete the following steps:

1. Click the **Design** button to enter Design view.
2. Right-click the C1ProgressBar control to open its context menu and select **Properties**. The Properties window opens with the C1ProgressBar control's properties in focus.
3. In the Properties window, set the following properties:
 - Set the **AnimationOptions.Easing** property to **EaseOutBounce**. This establishes the animation effect.
 - Set the **AnimationOptions.Duration** property to '6000'. This establishes the length of the animation.
 - Set the **AnimationDelay** property to '500'. This establishes the length of time that will pass before the animation starts.
 - Set the **Value** property to '100'. This will cause the progress indicator to fill the track at run time.
4. Press **F5** to run the project and observe that the animation takes about a half-second to begin and six seconds to complete. The animation, **EaseOutBounce**, causes the progress indicator to bounce against the end of the track before settling into its resting state.

Configuring Animations in Source View

Complete the following steps:

1. Click the **Source** button to enter Source view.
2. Add **AnimationDelay="500"** to the `<cc1:C1ProgressBar>` tag so that the markup resembles the following:
`<cc1:C1ProgressBar ID="C1ProgressBar1" runat="server" AnimationDelay="500"></cc1:C1ProgressBar>`
3. Place the following markup between the `<cc1:C1ProgressBar>` tags:
`<AnimationOptions Duration="6000" Easing="EaseOutBounce" />`
4. Press **F5** to run the project and observe that the animation takes about a half-second to begin and six seconds to complete. The animation, **EaseOutBounce**, causes the progress indicator to bounce against the end of the track before settling into its resting state.

Configuring Animations in Code

Complete the following steps:

1. On the Visual Studio toolbar, click **View | Code** to enter code view.
2. Add the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
<pre>'Set animation properties C1ProgressBar1.AnimationDelay = 500; C1ProgressBar1.AnimationOptions.Duration = 6000; C1ProgressBar1.AnimationOptions.Easing = C1.Web.Wijmo.Controls.Easing.EaseOutBounce; 'Set Value property so that the progress indicator automatically fills at run time C1ProgressBar1.Value = 100</pre>	

C#

C#	Copy Code
<pre>//Set animation properties C1ProgressBar1.AnimationDelay = 500; C1ProgressBar1.AnimationOptions.Duration = 6000; C1ProgressBar1.AnimationOptions.Easing = C1.Web.Wijmo.Controls.Easing.EaseOutBounce; //Set Value property so that the progress indicator automatically fills at run time C1ProgressBar1.Value = 100;</pre>	

- Press **F5** to run the project and observe that the animation takes about a half-second to begin and six seconds to complete. The animation, **EaseOutBounce**, causes the progress indicator to bounce against the end of the track before settling into its resting state.

See Also

[Setting C1ProgressBar Values](#)

Setting C1ProgressBar Values

The [C1ProgressBar](#) control contains a minimum value, a maximum value, and a value. In this topic, you will change the value of the [MinValue](#), [MaxValue](#), and [Value](#) properties from their defaults (0, 100, and 0 respectively) in Design view, in Source view, and in code.

Setting Values in Design View

Complete the following steps:

- Click the **Design** button to enter Design view.

2. Right-click the C1ProgressBar control to open its context menu and select **Properties**. The Properties window opens with the C1ProgressBar control's properties in focus.

3. In the Properties window, set the following properties:

- Set the MaxValue property to '300'.
- Set the MinValue property to '100'.
- Set the Value property to '150'.

4. Press **F5** to run the project and observe that the progress indicator has progressed along a quarter of the task bar. It has increased by a quarter because the control's value (150) is one-quarter of the way between the minimum value (100) and the maximum value (300).

Setting Values in Source view

Complete the following steps:

1. Click the **Source** button to enter Source view.
2. Add MinimumValue='100', MaximumValue='300', and <cc1:C1ProgressBar> tag so that the markup resembles the following:

```
<cc1:C1ProgressBar ID="C1ProgressBar1" runat="server"
ToolTip="Maximum value: {5}" LabelFormatString="{0}"
MaximumValue="300" MinimumValue="100" Value="150" />
```
3. Press **F5** to run the project and observe that the progress indicator has progressed along a quarter of the task bar. It has increased by a quarter because the control's value (150) is one-quarter of the way between the minimum value (100) and the maximum value (300).

Setting Values in Code

Complete the following steps:

1. To configure animations, complete the following steps:
2. On the Visual Studio toolbar, click **View | Code** to enter code view.
3. To set the **MaxValue** property, add the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
C1ProgressBar1.MaxValue = 300	

C#

C#	Copy Code
C1ProgressBar1.MaxValue = 300;	

- To set the **MinValue** property, add the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
<code>C1ProgressBar1.MinValue = 100</code>	

C#

C#	Copy Code
<code>C1ProgressBar1.MinValue = 100;</code>	

- To set the **Value** property, add the following code to the **Page_Load** event:

Visual Basic

Visual Basic	Copy Code
<code>C1ProgressBar1.Value = 150</code>	

C#

C#	Copy Code
<code>C1ProgressBar1.Value = 150;</code>	

- Press **F5** to run the project and observe that the progress indicator has progressed along a quarter of the task bar. It has increased by a quarter because the control's value (150) is one-quarter of the way between the minimum value (100) and the maximum value (300).

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 website 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 **ProgressBar 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.

- [wijprogressbar documentation](#)
- [wijprogressbar 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" />

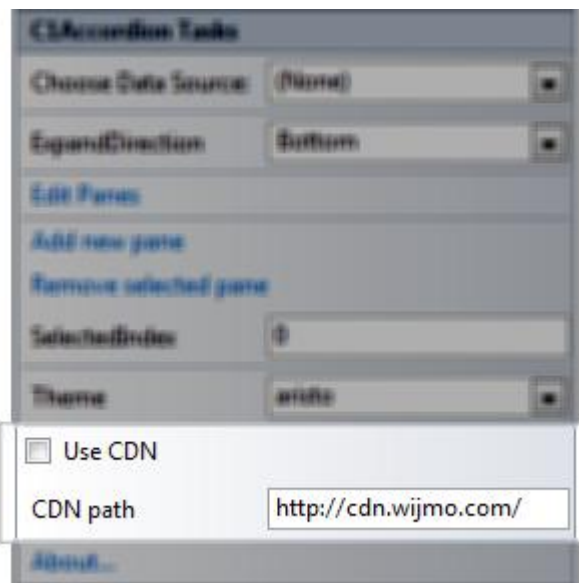
<!--Wijmo Widgets JavaScript-->

<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)	
<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.C1ProgressBar.C1ProgressBar
```

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)

```
<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.C1ProgressBar.C1ProgressBar](#)

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.

[Top](#)







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.
≡	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](#)

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)	
<pre>Public Sub SetPropertyValue(Of V)(_ ByVal <i>propertyName</i> As System.String, _ ByVal <i>value</i> As V _)</pre>	
C#	
<pre>public void SetPropertyValue<V>(System.string <i>propertyName</i>, V <i>value</i>)</pre>	

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)	
<pre> <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 </pre>	
C#	
<pre> [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;} </pre>	

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

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#	

```
[WidgetOption()]
[System.ComponentModel.DefaultValue()]
[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(DesignerSeria
lizationVisibility.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(DesignerSeria
lizationVisibility.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.Base Namespace

Overview

[Inheritance Hierarchy](#)

Classes

	Class	Description
	C1BaseSerializer<TControl,TItem,TICollectionOwner>	Serializes Control.
	C1TargetCompositeControlBase	Class to be used as base for the wijmo extenders target controls.
	C1TargetCompositeDataBoundControlBase	Class to be used as base for the wijmo extenders target controls.
	C1TargetDataBoundControlBase	Class to be used as base for the wijmo extenders target controls.
	C1TargetHierarchicalDataBoundControlBase	Class to be used as base for the wijmo extenders target controls.
	UIElement	Base class for all elements, handles layout and styles.

See Also

Reference

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

Classes

C1BaseSerializer<TControl,TItem,TICollectionOwner>

[Members](#)

Control type.

Control Items's type.

Items collection type.

Serializes Control.

Object Model

`C1BaseSerializer<TControl,TItem,TICollectionOwner>`

Syntax

Visual Basic (Declaration)	
<pre>Public Class C1BaseSerializer (Of TControl,TItem,TICollectionOwner)</pre>	
C#	
<pre>public class C1BaseSerializer<TControl,TItem,TICollectionOwner></pre>	

Type Parameters

TControl

Control type.

TItem

Control Items's type.

TICollectionOwner

Items collection type.

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.Base.C1BaseSerializer<TControl,TItem,TICollectionOwner>

[C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarSerializer](#)

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

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

Overview

Members

Control type.

Control Items's type.

Items collection type.

Serializes Control.

Object Model

`C1BaseSerializer<TControl,TItem,TICollectionOwner>`

Syntax

Visual Basic (Declaration)	
<pre>Public Class C1BaseSerializer (Of TControl,TItem,TICollectionOwner)</pre>	
C#	
<pre>public class C1BaseSerializer<TControl,TItem,TICollectionOwner></pre>	

Type Parameters

TControl

Control type.

TItem

Control Items's type.

TICollectionOwner

Items collection type.

Inheritance Hierarchy

System.Object

C1.Web.Wijmo.Controls.Base.C1BaseSerializer<TControl,TItem,TICollectionOwner>

[C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarSerializer](#)

See Also


Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[C1.Web.Wijmo.Controls.Base Namespace](#)

Members


The following tables list the members exposed by [C1BaseSerializer<TControl,TItem,TICollectionOwner>](#).

Public Constructors

	Name	Description
	C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor	Overloaded.



[Top](#)

Public Properties

	Name	Description
	Serializable	Serializable object that will be serialized or deserialized.

[Top](#)

Public Methods

	Name	Description
	LoadLayout	Overloaded. Load object layout properties from the file.
	SaveLayout	Overloaded. Saves the object layout properties to the XML file.

[Top](#)

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1.Web.Wijmo.Controls.Base Namespace](#)

C1BaseSerializer<TControl,TItem,TICollectionOwner>

Constructor

Overload List

Overload	Description
C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor(Object)	Construct or.
C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor(IComponentChangeService,Object)	Construct or.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

C1BaseSerializer<TControl,TItem,TICollectionOwner>

Constructor(Object)

Constructor.

Syntax

Visual Basic (Declaration)	
<pre>Public Function New(_ ByVal <i>serializableObject</i> As System.Object _)</pre>	
C#	
<pre>public C1BaseSerializer<TControl,TItem,TICollectionOwner>(System.object <i>serializableObject</i>)</pre>	

Parameters

serializableObject

Serializable Object.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

C1BaseSerializer<TControl,TItem,TICollectionOwner> Constructor(IComponentChangeService,Object)

Constructor.

Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal componentChangeService As
System.ComponentModel.Design.IComponentChangeService, _
    ByVal serializableObject As System.Object _
)
```

C#

```
public C1BaseSerializer<TControl,TItem,TICollectionOwner>(
    System.ComponentModel.Design.IComponentChangeService
componentChangeService,
    System.object serializableObject
)
```

Parameters

componentChangeService

serializableObject

See Also



Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

Methods

For a list of all members of this type, see [C1BaseSerializer<TControl,TItem,TICollectionOwner> members](#).

Public Methods

	Name	Description
	LoadLayout	Overloaded. Load object layout properties from the file.
	SaveLayout	Overloaded. Saves the object layout properties to the XML file.

[Top](#)

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

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

LoadLayout Method

Load object layout properties from the file.

Overload List

Overload	Description
LoadLayout(String)	Load object layout properties from the file.
LoadLayout(Stream)	Load object layout properties from the stream.
LoadLayout(String,LayoutType)	Loads object layout properties with specified types from the XML file.
LoadLayout(Stream,LayoutType)	Loads the object layout properties with specified types from the stream.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

LoadLayout(String) Method

Load object layout properties from the file.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub LoadLayout( _  
    ByVal filename As System.String _  
)
```

C#

```
public void LoadLayout(  
    System.string filename  
)
```

Parameters

filename

The file where the values of layout properties will be loaded.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

[Overload List](#)

LoadLayout(Stream) Method

Load object layout properties from the stream.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub LoadLayout( _  
    ByVal stream As System.IO.Stream _  
)
```

C#

```
public void LoadLayout(
    System.IO.Stream stream
)
```

Parameters

stream

The stream where the values of layout properties will be loaded.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

LoadLayout(String,LayoutType) Method

The file where the values of layout properties will be loaded.

The layout types to load.

Loads object layout properties with specified types from the XML file.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub LoadLayout( _
    ByVal filename As System.String, _
    ByVal layoutTypes As LayoutType _
)
```

C#

```
public void LoadLayout(
    System.string filename,
    LayoutType layoutTypes
)
```

Parameters

filename

The file where the values of layout properties will be loaded.

layoutTypes

The layout types to load.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

LoadLayout(Stream,LayoutType) Method

The stream where the values of the layout properties will be loaded.

The layout types to load.

Loads the object layout properties with specified types from the stream.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub LoadLayout(_ ByVal stream As System.IO.Stream, _ ByVal layoutTypes As LayoutType _)</pre>	
C#	
<pre>public void LoadLayout(System.IO.Stream stream, LayoutType layoutTypes)</pre>	

Parameters

stream

The stream where the values of the layout properties will be loaded.

layoutTypes

The layout types to load.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

SaveLayout Method

Saves the object layout properties to the XML file.

Overload List

Overload	Description
SaveLayout(String)	Saves the object layout properties to the XML file.
SaveLayout(Stream)	Saves object layout properties to the stream.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

SaveLayout(String) Method

Saves the object layout properties to the XML file.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub SaveLayout(_ ByVal <i>filename</i> As System.String _)</pre>	
C#	
<pre>public void SaveLayout(System.string <i>filename</i>)</pre>	

Parameters

filename

Path to the file where the values of the layout properties will be saved.

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

SaveLayout(Stream) Method

Saves object layout properties to the stream.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub SaveLayout(_ ByVal stream As System.IO.Stream _)</pre>	
C#	
<pre>public void SaveLayout(System.IO.Stream stream)</pre>	

Parameters

stream

The stream where the values of layout properties will be saved.

See Also


Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)
[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)
[Overload List](#)

Properties

For a list of all members of this type, see [C1BaseSerializer<TControl,TItem,TICollectionOwner> members](#).

Public Properties

	Name	Description
	Serializable	Serializable object that will be serialized or deserialized.

[Top](#)

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

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

Serializable Property

Serializable object that will be serialized or deserialized.

Syntax

Visual Basic (Declaration)	
Public ReadOnly Property Serializable As System.Object	
C#	
public System.object Serializable {get;}	

See Also

Reference

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Class](#)

[C1BaseSerializer<TControl,TItem,TICollectionOwner> Members](#)

C1TargetCompositeControlBase

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

Object Model

C1TargetCompositeControlBase

Syntax

Visual Basic (Declaration)	
<WidgetDependenciesAttribute(System.Object[])> Public MustInherit Class C1TargetCompositeControlBase Inherits System.Web.UI.WebControls.CompositeControl	
C#	

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetCompositeControlBase :
System.Web.UI.WebControls.CompositeControl
```

Inheritance Hierarchy

```
System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      System.Web.UI.WebControls.CompositeControl
        C1.Web.Wijmo.Controls.Base.C1TargetCompositeControlBase
```

See Also

Reference

[C1TargetCompositeControlBase Members](#)

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

Overview

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

Object Model

C1TargetCompositeControlBase

Syntax

Visual Basic (Declaration)	
<pre><WidgetDependenciesAttribute(System.Object[])> Public MustInherit Class C1TargetCompositeControlBase Inherits System.Web.UI.WebControls.CompositeControl</pre>	
C#	
<pre>[WidgetDependencies(System.Object[])] public abstract class C1TargetCompositeControlBase : System.Web.UI.WebControls.CompositeControl</pre>	

Inheritance Hierarchy

```
System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
```

System.Web.UI.WebControls.CompositeControl

C1.Web.Wijmo.Controls.Base.C1TargetCompositeControlBase

See Also

Reference










[C1TargetCompositeControlBase Members](#)
















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













Members





The following tables list the members exposed by [C1TargetCompositeControlBase](#).

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.WebControls.CompositeControl)
	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.CompositeControl)
	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](#)

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.WebControls.CompositeControl)
	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](#)

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











[C1TargetCompositeControlBase Class](#)

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

Methods

For a list of all members of this type, see [C1TargetCompositeControlBase 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.WebControls.CompositeControl)
	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

[C1TargetCompositeControlBase Class](#)

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

GetPropertyValue<V> Method

Gets the property value by property name.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetPropertyValue(Of V)(_ ByVal <i>propertyName</i> As System.String, _ ByVal <i>nullValue</i> As V _) As V</pre>	
C#	
<pre>public V GetPropertyValue<V>(System.string <i>propertyName</i>, V <i>nullValue</i>)</pre>	

Parameters

propertyName

Name of the property.

nullValue

The null value.

Type Parameters

V

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

GetScriptDescriptors Method

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

Syntax

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

GetScriptDescriptors()

Return Value

An enumeration of WidgetDescriptor objects.

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)	
<pre>Public Sub RegisterDesignTimeStyleSheet(_ ByVal writer As System.Web.UI.HtmlTextWriter, _ ByVal cssResourceName As System.String _)</pre>	
C#	
<pre>public void RegisterDesignTimeStyleSheet(System.Web.UI.HtmlTextWriter writer, System.string cssResourceName)</pre>	

Parameters

writer

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

cssResourceName

resource name of stylesheet file

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

SetPropertyValue<V> Method

Sets the property value by property name.

Syntax

Visual Basic (Declaration)	
<pre>Public Sub SetPropertyValue(Of V)(_ ByVal propertyName As System.String, _ ByVal value As V _)</pre>	
C#	

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

Parameters

propertyName

Name of the property.

value

The value.

Type Parameters

V

See Also

Reference





[C1TargetCompositeControlBase Class](#)















[C1TargetCompositeControlBase Members](#)















Properties









For a list of all members of this type, see [C1TargetCompositeControlBase 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.WebControls.CompositeControl)
	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.CompositeControl)
	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

[C1TargetCompositeControlBase Class](#)

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

CDNDependencyPaths Property

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

Syntax

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

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

CDNPath Property

Content Delivery Network path.

Syntax

Visual Basic (Declaration)	
<pre> <C1CategoryAttribute("Behavior")> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <C1DescriptionAttribute(Key="C1Base.CDNPath", Description="Content Delivery Network path.")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property CDNPath As System.String </pre>	
C#	
<pre> [C1Category("Behavior")] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [C1Description(Key="C1Base.CDNPath", Description="Content Delivery Network path.")] [System.ComponentModel.DefaultValue()] public virtual System.string CDNPath {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)	
<pre> <C1DescriptionAttribute(Key="C1Controls.DisplayVisible", Description="Gets or sets a value that indicates whether a server control is rendered as UI on the page.")> <LayoutAttribute(LayoutType.Behavior)> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> <WidgetOptionAttribute()> Public Property DisplayVisible As System.Boolean </pre>	

C#

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

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)

```
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
<C1DescriptionAttribute(Key="C1Base.EnableCombinedJavaScripts",
Description="Enable JavaScripts files combined into one file.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Overridable Property EnableCombinedJavaScripts As System.Boolean
```

C#

```
[C1Category("Behavior")]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
[C1Description(Key="C1Base.EnableCombinedJavaScripts", Description="Enable
```

```
JavaScripts files combined into one file.")]
[System.ComponentModel.DefaultValue()]
public virtual System.bool EnableCombinedJavaScripts {get; set;}
```

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

Enabled Property

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

Syntax

Visual Basic (Declaration)	
<pre><WidgetOptionAttribute()> <C1DescriptionAttribute(Key="C1Base.Enabled", Description="Indicates whether control is enabled.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overrides Property Enabled As System.Boolean</pre>	
C#	
<pre>[WidgetOption()] [C1Description(Key="C1Base.Enabled", Description="Indicates whether control is enabled.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public override System.bool Enabled {get; set;}</pre>	

Property Value

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

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)	
<pre> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <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.")> <System.ComponentModel.DefaultValueAttribute()> <TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeNameConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> Public Overridable Property Theme As System.String </pre>	
C#	
<pre> [C1Category("Behavior")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [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.")] [System.ComponentModel.DefaultValue()] [TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeNameConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")] public virtual System.string Theme {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)	
<pre> <C1CategoryAttribute("Appearance")> <TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> <System.ComponentModel.DefaultValueAttribute()> <WidgetOptionAttribute()> <C1DescriptionAttribute(Key="C1Base.ThemeSwatch", Description="A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.")> Public Overridable Property ThemeSwatch As System.String </pre>	
C#	
<pre> [C1Category("Appearance")] [TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] [System.ComponentModel.DefaultValue()] [WidgetOption()] [C1Description(Key="C1Base.ThemeSwatch", Description="A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.")] public virtual System.string ThemeSwatch {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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)	
<pre> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <C1DescriptionAttribute(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property UseCDN As System.Boolean </pre>	
C#	
<pre> [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [C1Description(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public virtual System.bool UseCDN {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase 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> <C1DescriptionAttribute(Key="C1Base.WijmoControlMode", Description="A value </pre>	

```
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.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
Public Overridable Property WijmoControlMode As WijmoControlMode
```

C#

```
[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.RefreshProperties(RefreshProperties.All)]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
public virtual WijmoControlMode WijmoControlMode {get; set;}
```

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

WijmoCssAdapter Property

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

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1Base.WijmoCssAdapter", Description="Indicates
the control applies the theme of JQuery UI or Bootstrap.")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
<C1CategoryAttribute("Behavior")>
<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.RefreshPropertiesAttribute(RefreshProperties.All)>
Public Overridable Property WijmoCssAdapter As System.String
```

C#

```
[C1Description(Key="C1Base.WijmoCssAdapter", Description="Indicates the
control applies the theme of JQuery UI or Bootstrap.")]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
[C1Category("Behavior")]
[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.RefreshProperties(RefreshProperties.All)]
public virtual System.string WijmoCssAdapter {get; set;}
```

See Also

Reference

[C1TargetCompositeControlBase Class](#)

[C1TargetCompositeControlBase Members](#)

C1TargetCompositeDataBoundControlBase

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

Object Model

C1TargetCompositeDataBoundControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetCompositeDataBoundControlBase
    Inherits System.Web.UI.WebControls.CompositeDataBoundControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetCompositeDataBoundControlBase :
System.Web.UI.WebControls.CompositeDataBoundControl
```

Inheritance Hierarchy

```

System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      System.Web.UI.WebControls.BaseDataBoundControl
        System.Web.UI.WebControls.DataBoundControl
          System.Web.UI.WebControls.CompositeDataBoundControl
            C1.Web.Wijmo.Controls.Base.C1TargetCompositeDataBoundControlBase
  
```

See Also

Reference

[C1TargetCompositeDataBoundControlBase Members](#)

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

Overview

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

Object Model

C1TargetCompositeDataBoundControlBase

Syntax

Visual Basic (Declaration)	
<pre> <WidgetDependenciesAttribute(System.Object[])> Public MustInherit Class C1TargetCompositeDataBoundControlBase Inherits System.Web.UI.WebControls.CompositeDataBoundControl </pre>	
C#	
<pre> [WidgetDependencies(System.Object[])] public abstract class C1TargetCompositeDataBoundControlBase : System.Web.UI.WebControls.CompositeDataBoundControl </pre>	

Inheritance Hierarchy

```

System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      System.Web.UI.WebControls.BaseDataBoundControl
        System.Web.UI.WebControls.DataBoundControl
  
```

System.Web.UI.WebControls.CompositeDataBoundControl

C1.Web.Wijmo.Controls.Base.C1TargetCompositeDataBoundControlBase

See Also

Reference










[C1TargetCompositeDataBoundControlBase Members](#)




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

















Members










The following tables list the members exposed by [C1TargetCompositeDataBoundControlBase](#).

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.WebControls.CompositeDataBoundControl)
	ControlStyle	(Inherited from

		System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DataMember	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSourceObject	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	ItemType	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	SelectMethod	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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.BaseDataBoundControl)
	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](#)

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.WebControls.BaseDataBoundControl)
⇒ 	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.
⇒ 	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](#)

Public Events

	Name	Description
	CallingDataMethods	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	CreatingModelDataSource	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataBinding	(Inherited from System.Web.UI.Control)
	DataBound	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	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

[C1TargetCompositeDataBoundControlBase Class](#)










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

Methods

For a list of all members of this type, see [C1TargetCompositeDataBoundControlBase 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.WebControls.BaseDataBoundControl)
≡	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.
≡	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

[C1TargetCompositeDataBoundControlBase Class](#)

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

GetPropertyValue<V> Method

Gets the property value by property name.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetPropertyValue(Of V)(_ ByVal <i>propertyName</i> As System.String, _ ByVal <i>nullValue</i> As V _) As V</pre>	
C#	
<pre>public V GetPropertyValue<V>(</pre>	

```
System.string propertyName,  
    V nullValue  
)
```

Parameters

propertyName

Name of the property.

nullValue

The null value.

Type Parameters

V

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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 <i>writer</i> As System.Web.UI.HtmlTextWriter, _ ByVal <i>cssResourceName</i> 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

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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









[C1TargetCompositeDataBoundControlBase Class](#)












[C1TargetCompositeDataBoundControlBase Members](#)
















Properties












For a list of all members of this type, see [C1TargetCompositeDataBoundControlBase 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.WebControls.CompositeDataBoundCon

		trol)
	ControlStyle	(Inherited from System.Web.UI.WebControls.WebControl)
	ControlStyleCreated	(Inherited from System.Web.UI.WebControls.WebControl)
	CssClass	(Inherited from System.Web.UI.WebControls.WebControl)
	DataMember	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSourceObject	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	ItemType	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	SelectMethod	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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.BaseDataBoundControl)
	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

[C1TargetCompositeDataBoundControlBase Class](#)

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

CDNDependencyPaths Property

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

Syntax

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

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase Members](#)

CDNPath Property

Content Delivery Network path.

Syntax

Visual Basic (Declaration)	
<pre> <C1DescriptionAttribute(Key="C1Base.CDNPath", Description="Content Delivery Network path.")> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property CDNPath As System.String </pre>	
C#	
<pre> [C1Description(Key="C1Base.CDNPath", Description="Content Delivery Network path.")] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual System.string CDNPath {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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)	
<pre> <C1CategoryAttribute("Behavior")> </pre>	

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

C#

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

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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)

```
<C1DescriptionAttribute(Key="C1Base.EnableCombinedJavaScripts",
Description="Enable JavaScripts files combined into one file.")>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeria
lizationVisibility.Hidden)>
```

Public Overridable Property EnableCombinedJavaScripts As System.Boolean

C#

```
[C1Description(Key="C1Base.EnableCombinedJavaScripts", Description="Enable
JavaScripts files combined into one file.")]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
public virtual System.bool EnableCombinedJavaScripts {get; set;}
```

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase Members](#)

Enabled Property

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

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1Base.Enabled", Description="Indicates whether
control is enabled.")>
<WidgetOptionAttribute()>
Public Overrides Property Enabled As System.Boolean
```

C#

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

Property Value

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

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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)

```
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<System.ComponentModel.DefaultValueAttribute()>
<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.")>
<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)>
<C1CategoryAttribute("Behavior")>
Public Overridable Property Theme As System.String
```

C#

```
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[System.ComponentModel.DefaultValue()]
[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.")]
[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)]
```

```
[C1Category("Behavior")]
public virtual System.string Theme {get; set;}
```

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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)	
<pre><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.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <WidgetOptionAttribute()> <TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> <C1CategoryAttribute("Appearance")> Public Overridable Property ThemeSwatch As System.String</pre>	
C#	
<pre>[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.")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [WidgetOption()] [TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")] [C1Category("Appearance")]</pre>	

```
public virtual System.string ThemeSwatch {get; set;}
```

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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)	
<pre><System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property UseCDN As System.Boolean</pre>	
C#	
<pre>[System.ComponentModel.DefaultValue()] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [C1Category("Behavior")] [C1Description(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual System.bool UseCDN {get; set;}</pre>	

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase 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> <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.RefreshPropertiesAttribute(RefreshProperties.All)> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> Public Overridable Property WijmoControlMode As WijmoControlMode </pre>	
C#	
<pre> [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.RefreshProperties(RefreshProperties.All)] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual WijmoControlMode WijmoControlMode {get; set;} </pre>	

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase Members](#)

WijmoCssAdapter Property

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

Syntax

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

```
<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)>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute(>
<C1DescriptionAttribute(Key="C1Base.WijmoCssAdapter", Description="Indicates
the control applies the theme of JQuery UI or Bootstrap.">
Public Overridable Property WijmoCssAdapter As System.String
```

C#

```
[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)]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1Base.WijmoCssAdapter", Description="Indicates the
control applies the theme of JQuery UI or Bootstrap.")]
public virtual System.string WijmoCssAdapter {get; set;}
```

See Also

Reference

[C1TargetCompositeDataBoundControlBase Class](#)

[C1TargetCompositeDataBoundControlBase Members](#)

C1TargetDataBoundControlBase

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

Object Model

C1TargetDataBoundControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetDataBoundControlBase
    Inherits System.Web.UI.WebControls.DataBoundControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetDataBoundControlBase :
System.Web.UI.WebControls.DataBoundControl
```

Inheritance Hierarchy

```
System.Object
  System.Web.UI.Control
    System.Web.UI.WebControls.WebControl
      System.Web.UI.WebControls.BaseDataBoundControl
        System.Web.UI.WebControls.DataBoundControl
          C1.Web.Wijmo.Controls.Base.C1TargetDataBoundControlBase
```

See Also

Reference

[C1TargetDataBoundControlBase Members](#)

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

Overview

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

Object Model

C1TargetDataBoundControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetDataBoundControlBase
    Inherits System.Web.UI.WebControls.DataBoundControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetDataBoundControlBase :
```

System.Web.UI.WebControls.DataBoundControl

Inheritance Hierarchy

System.Object

System.Web.UI.Control

System.Web.UI.WebControls.WebControl

System.Web.UI.WebControls.BaseDataBoundControl

System.Web.UI.WebControls.DataBoundControl

C1.Web.Wijmo.Controls.Base.C1TargetDataBoundControlBase

See Also

Reference








[C1TargetDataBoundControlBase Members](#)














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
















Members












The following tables list the members exposed by [C1TargetDataBoundControlBase](#).

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)
	DataMember	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSourceObject	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	ItemType	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	SelectMethod	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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.BaseDataBoundControl)
	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](#)










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.WebControls.BaseDataBoundControl)
≡	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.
≡	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](#)

Public Events

	Name	Description
	CallingDataMethods	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	CreatingModelDataSource	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataBinding	(Inherited from System.Web.UI.Control)
	DataBound	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	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

[C1TargetDataBoundControlBase Class](#)










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

Methods

For a list of all members of this type, see [C1TargetDataBoundControlBase 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.WebControls.BaseDataBoundControl)
≡	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.
≡	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

[C1TargetDataBoundControlBase Class](#)

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

GetPropertyValue<V> Method

Gets the property value by property name.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetPropertyValue(Of V)(_ ByVal <i>propertyName</i> As System.String, _ ByVal <i>nullValue</i> As V _) As V</pre>	
C#	
<pre>public V GetPropertyValue<V>(</pre>	

```
System.string propertyName,  
    V nullValue  
)
```

Parameters

propertyName

Name of the property.

nullValue

The null value.

Type Parameters

V

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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 <i>writer</i> As System.Web.UI.HtmlTextWriter, _ ByVal <i>cssResourceName</i> 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

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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










[C1TargetDataBoundControlBase Class](#)













[C1TargetDataBoundControlBase Members](#)

















Properties










For a list of all members of this type, see [C1TargetDataBoundControlBase 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)
	DataMember	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	DataSourceObject	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	ItemType	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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)
	SelectMethod	(Inherited from System.Web.UI.WebControls.DataBoundControl)
	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.BaseDataBoundControl)
	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

[C1TargetDataBoundControlBase Class](#)

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

CDNDependencyPaths Property

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

Syntax

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

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase Members](#)

CDNPath Property

Content Delivery Network path.

Syntax

Visual Basic (Declaration)	
<pre> <C1DescriptionAttribute(Key="C1Base.CDNPath", Description="Content Delivery Network path.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property CDNPath As System.String </pre>	
C#	
<pre> [C1Description(Key="C1Base.CDNPath", Description="Content Delivery Network path.")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public virtual System.string CDNPath {get; set;} </pre>	

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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)	
<pre> <WidgetOptionAttribute()> </pre>	

```
<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)>
<System.ComponentModel.DefaultValueAttribute()>
Public Property DisplayVisible As System.Boolean
```

C#

```
[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)]
[System.ComponentModel.DefaultValue()]
public System.bool DisplayVisible {get; set;}
```

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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)

```
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeria
lizationVisibility.Hidden)>
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1Base.EnableCombinedJavaScripts",
Description="Enable JavaScripts files combined into one file.")>
```

Public Overridable Property EnableCombinedJavaScripts As System.Boolean

C#

```
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
[C1Category("Behavior")]
[C1Description(Key="C1Base.EnableCombinedJavaScripts", Description="Enable
JavaScripts files combined into one file.")]
public virtual System.bool EnableCombinedJavaScripts {get; set;}
```

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase Members](#)

Enabled Property

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

Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1Base.Enabled", Description="Indicates whether
control is enabled.")>
<WidgetOptionAttribute()>
<System.ComponentModel.DefaultValueAttribute()>
Public Overrides Property Enabled As System.Boolean
```

C#

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

Property Value

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

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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.RefreshPropertiesAttribute(RefreshProperties.All)>
<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.DesignerSerializationVisibilityAttribute(DesignerSeriali-
zationVisibility.Hidden)>
<System.ComponentModel.DefaultValueAttribute()>
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.RefreshProperties(RefreshProperties.All)]
[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.DesignerSerializationVisibility(DesignerSerializationVisi-
bility.Hidden)]
```

```
[System.ComponentModel.DefaultValue()]
public virtual System.string Theme {get; set;}
```

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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)	
<pre><System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> <C1DescriptionAttribute(Key="C1Base.ThemeSwatch", Description="A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.")> <C1CategoryAttribute("Appearance")> <WidgetOptionAttribute()> Public Overridable Property ThemeSwatch As System.String</pre>	
C#	
<pre>[System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] [TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter, C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")] [C1Description(Key="C1Base.ThemeSwatch", Description="A value that indicates the theme swatch of the control, this property only works when WijmoControlMode property is Mobile.")] [C1Category("Appearance")] [WidgetOption()]</pre>	


```
public virtual System.string ThemeSwatch {get; set;}
```

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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)	
<pre><System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <C1DescriptionAttribute(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property UseCDN As System.Boolean</pre>	
C#	
<pre>[System.ComponentModel.RefreshProperties(RefreshProperties.All)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [C1Description(Key="C1Base.UseCDN", Description="Determines whether this extender loads client script references from CDN.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public virtual System.bool UseCDN {get; set;}</pre>	

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase 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><System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> <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.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> Public Overridable Property WijmoControlMode As WijmoControlMode</pre>	
C#	
<pre>[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] [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.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] public virtual WijmoControlMode WijmoControlMode {get; set;}</pre>	

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase Members](#)

WijmoCssAdapter Property

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

Syntax

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

```
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1DescriptionAttribute(Key="C1Base.WijmoCssAdapter", Description="Indicates
the control applies the theme of JQuery UI or Bootstrap.")>
<System.ComponentModel.DefaultValueAttribute()>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali
zationVisibility.Hidden)>
<TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoCssAdapterConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")>
Public Overridable Property WijmoCssAdapter As System.String
```

C#

```
[C1Category("Behavior")]
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[C1Description(Key="C1Base.WijmoCssAdapter", Description="Indicates the
control applies the theme of JQuery UI or Bootstrap.")]
[System.ComponentModel.DefaultValue()]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
[TypeConverter("C1.Web.Wijmo.Controls.WijmoCssAdapterConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
public virtual System.string WijmoCssAdapter {get; set;}
```

See Also

Reference

[C1TargetDataBoundControlBase Class](#)

[C1TargetDataBoundControlBase Members](#)

C1TargetHierarchicalDataBoundControlBase

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

Object Model

C1TargetHierarchicalDataBoundControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetHierarchicalDataBoundControlBase
    Inherits System.Web.UI.WebControls.HierarchicalDataBoundControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetHierarchicalDataBoundControlBase :
    System.Web.UI.WebControls.HierarchicalDataBoundControl
```

Inheritance Hierarchy

System.Object

System.Web.UI.Control

System.Web.UI.WebControls.WebControl

System.Web.UI.WebControls.BaseDataBoundControl

System.Web.UI.WebControls.HierarchicalDataBoundControl

C1.Web.Wijmo.Controls.Base.C1TargetHierarchicalDataBoundControlBase

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Members](#)

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

Overview

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

Object Model

C1TargetHierarchicalDataBoundControlBase

Syntax

Visual Basic (Declaration)

```
<WidgetDependenciesAttribute(System.Object[])>
Public MustInherit Class C1TargetHierarchicalDataBoundControlBase
    Inherits System.Web.UI.WebControls.HierarchicalDataBoundControl
```

C#

```
[WidgetDependencies(System.Object[])]
public abstract class C1TargetHierarchicalDataBoundControlBase :
```

System.Web.UI.WebControls.HierarchicalDataBoundControl

Inheritance Hierarchy

System.Object

System.Web.UI.Control

System.Web.UI.WebControls.WebControl

System.Web.UI.WebControls.BaseDataBoundControl

System.Web.UI.WebControls.HierarchicalDataBoundControl

C1.Web.Wijmo.Controls.Base.C1TargetHierarchicalDataBoundControlBase

See Also

Reference








[C1TargetHierarchicalDataBoundControlBase Members](#)

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















Members









The following tables list the members exposed by [C1TargetHierarchicalDataBoundControlBase](#).

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)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.HierarchicalDataBoundControl)
	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.BaseDataBoundControl)
	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](#)

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.WebControls.BaseDataBoundControl)
≡◆	Dispose	(Inherited from System.Web.UI.Control)
≡◆	FindControl	(Inherited from System.Web.UI.Control)
≡◆	Focus	(Inherited from System.Web.UI.Control)
≡◆	GetPropertyValues<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)
≡◆	SetPropertyValues<V>	Sets the property value by property name.

	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)
---	---	--

[Top](#)

Public Events

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



[C1TargetHierarchicalDataBoundControlBase Class](#)

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



Methods

For a list of all members of this type, see [C1TargetHierarchicalDataBoundControlBase 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.WebControls.BaseDataBoundControl)
⇒	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.
⇒	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

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1.Web.Wijmo.Controls.Base 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

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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)	
<pre>Public Sub RegisterDesignTimeStyleSheet(_ ByVal writer As System.Web.UI.HtmlTextWriter, _ ByVal cssResourceName As System.String _)</pre>	
C#	
<pre>public void RegisterDesignTimeStyleSheet(System.Web.UI.HtmlTextWriter writer, System.string cssResourceName)</pre>	

Parameters

writer

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

cssResourceName

resource name of stylesheet file

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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

[C1TargetHierarchicalDataBoundControlBase Class](#)















[C1TargetHierarchicalDataBoundControlBase Members](#)















Properties













For a list of all members of this type, see [C1TargetHierarchicalDataBoundControlBase 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)
	DataSource	(Inherited from System.Web.UI.WebControls.BaseDataBoundControl)
	DataSourceID	(Inherited from System.Web.UI.WebControls.HierarchicalDataBoundControl)
	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.BaseDataBoundControl)
	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

[C1TargetHierarchicalDataBoundControlBase Class](#)

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

CDNDependencyPaths Property

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

Syntax

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

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase Members](#)

CDNPath Property

Content Delivery Network path.

Syntax

Visual Basic (Declaration)	
<pre> <System.ComponentModel.DefaultValueAttribute()> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Base.CDNPath", Description="Content Delivery Network path.")> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeriali zationVisibility.Hidden)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> Public Overridable Property CDNPath As System.String </pre>	
C#	
<pre> [System.ComponentModel.DefaultValue()] [C1Category("Behavior")] [C1Description(Key="C1Base.CDNPath", Description="Content Delivery Network path.")] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] public virtual System.string CDNPath {get; set;} </pre>	

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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)

```
<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)>
<System.ComponentModel.DefaultValueAttribute()>
<WidgetOptionAttribute()>
Public Property DisplayVisible As System.Boolean
```

C#

```
[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)]
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
public System.bool DisplayVisible {get; set;}
```

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> Public Overridable Property EnableCombinedJavaScripts As System.Boolean</pre>	
C#	
<pre>[C1Description(Key="C1Base.EnableCombinedJavaScripts", Description="Enable JavaScripts files combined into one file.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV isibility.Hidden)] public virtual System.bool EnableCombinedJavaScripts {get; set;}</pre>	

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase Members](#)

Enabled Property

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

Syntax

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

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

Property Value

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

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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)

```
<System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<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.")>
Public Overridable Property Theme As System.String
```

C#

```
[System.ComponentModel.RefreshProperties(RefreshProperties.All)]
[C1Category("Behavior")]
```

```
[System.ComponentModel.DefaultValue()]
[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.")]
public virtual System.string Theme {get; set;}
```

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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")>
<C1DescriptionAttribute(Key="C1Base.ThemeSwatch", Description="A value that
indicates the theme swatch of the control, this property only works when
WijmoControlMode property is Mobile.")>
<System.ComponentModel.DefaultValueAttribute()>
<WidgetOptionAttribute()>
<TypeConverterAttribute("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")>
<System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeria
lizationVisibility.Hidden)>
Public Overridable Property ThemeSwatch As System.String
```

C#

```
[C1Category("Appearance")]
[C1Description(Key="C1Base.ThemeSwatch", Description="A value that indicates
```



```
the theme swatch of the control, this property only works when
WijmoControlMode property is Mobile.")]
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
[TypeConverter("C1.Web.Wijmo.Controls.WijmoThemeSwatchConverter,
C1.Web.Wijmo.Controls.4, Version=4.0.20151.207, Culture=neutral,
PublicKeyToken=9b75583953471eea")]
[System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV
isibility.Hidden)]
public virtual System.string ThemeSwatch {get; set;}
```

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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)

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

C#

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

```
public virtual System.bool UseCDN {get; set;}
```

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase 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><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.")> <C1CategoryAttribute("Behavior")> <System.ComponentModel.DefaultValueAttribute()> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> Public Overridable Property WijmoControlMode As WijmoControlMode</pre>	
C#	
<pre>[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.")] [C1Category("Behavior")] [System.ComponentModel.DefaultValue()] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationVisibility.Hidden)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] public virtual WijmoControlMode WijmoControlMode {get; set;}</pre>	

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase Members](#)

WijmoCssAdapter Property

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

Syntax

Visual Basic (Declaration)	
<pre> <System.ComponentModel.DefaultValueAttribute()> <C1CategoryAttribute("Behavior")> <C1DescriptionAttribute(Key="C1Base.WijmoCssAdapter", Description="Indicates the control applies the theme of JQuery UI or Bootstrap.")> <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)> <System.ComponentModel.RefreshPropertiesAttribute(RefreshProperties.All)> Public Overridable Property WijmoCssAdapter As System.String </pre>	
C#	
<pre> [System.ComponentModel.DefaultValue()] [C1Category("Behavior")] [C1Description(Key="C1Base.WijmoCssAdapter", Description="Indicates the control applies the theme of JQuery UI or Bootstrap.")] [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)] [System.ComponentModel.RefreshProperties(RefreshProperties.All)] public virtual System.string WijmoCssAdapter {get; set;} </pre>	

See Also

Reference

[C1TargetHierarchicalDataBoundControlBase Class](#)

[C1TargetHierarchicalDataBoundControlBase Members](#)

UIElement

Base class for all elements, handles layout and styles.

Object Model

UIElement

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=,
ToolboxItemTypeName="")>
<System.Web.UI.ParseChildrenAttribute(True)>
<System.Web.UI.PersistChildrenAttribute(Persist=False,
UsesCustomPersistence=False)>
Public Class UIElement
    Inherits System.Web.UI.WebControls.WebControl
```

C#

```
[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")]
[System.Web.UI.ParseChildren(true)]
[System.Web.UI.PersistChildren(Persist=false, UsesCustomPersistence=false)]
public class UIElement : System.Web.UI.WebControls.WebControl
```

Inheritance Hierarchy

```
System.Object
    System.Web.UI.Control
        System.Web.UI.WebControls.WebControl
            C1.Web.Wijmo.Controls.Base.UIElement
```

See Also

Reference

[UIElement Members](#)

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

Overview

Base class for all elements, handles layout and styles.

Object Model

UIElement

Syntax

Visual Basic (Declaration)	
<pre><System.ComponentModel.ToolboxItemAttribute(ToolboxItemType=, ToolboxItemTypeName="")> <System.Web.UI.ParseChildrenAttribute(True)> <System.Web.UI.PersistChildrenAttribute(Persist=False, UsesCustomPersistence=False)> Public Class UIElement Inherits System.Web.UI.WebControls.WebControl</pre>	
C#	
<pre>[System.ComponentModel.ToolboxItem(ToolboxItemType=, ToolboxItemTypeName="")] [System.Web.UI.ParseChildren(true)] [System.Web.UI.PersistChildren(Persist=false, UsesCustomPersistence=false)] public class UIElement : System.Web.UI.WebControls.WebControl</pre>	

Inheritance Hierarchy

System.Object
 System.Web.UI.Control
 System.Web.UI.WebControls.WebControl
 C1.Web.Wijmo.Controls.Base.UIElement

See Also

Reference


[UIElement Members](#)

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

Members
















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














Public Constructors

	Name	Description
	UIElement Constructor	Overloaded.

[Top](#)


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)
	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	Overridden.
	DisplayVisible	Gets or sets a value that indicates whether a server control is rendered as UI on the page.
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	HasAttributes	(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)
	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)

[Top](#)


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

[Top](#)

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

[UIElement Class](#)

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

UIElement Constructor

Overload List

Overload	Description
UIElement Constructor()	UIElement constructor
UIElement Constructor(HtmlTextWriterTag)	UIElement constructor

See Also

Reference

[UIElement Class](#)

[UIElement Members](#)

UIElement Constructor()

UIElement constructor

Syntax

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

```
Public Function New()
```

C#

```
public UIElement()
```

See Also

Reference

[UIElement Class](#)

[UIElement Members](#)

[Overload List](#)

UIElement Constructor(HtmlTextWriterTag)

UIElement constructor

Syntax

Visual Basic (Declaration)

```
Public Function New( _  
    ByVal tag As System.Web.UI.HtmlTextWriterTag _  
)
```

C#

```
public UIElement(  
    System.Web.UI.HtmlTextWriterTag tag  
)
```

Parameters

tag

The tag key of the ribbon button.

See Also

Reference

[UIElement Class](#)















[UIElement Members](#)















[Overload List](#)

Properties

For a list of all members of this type, see [UIElement 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)
	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	Overridden.
	DisplayVisible	Gets or sets a value that indicates whether a server control is rendered as UI on the page.
	Enabled	(Inherited from System.Web.UI.WebControls.WebControl)
	HasAttributes	(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)
	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)

[Top](#)

See Also

Reference

[UIElement Class](#)

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

CssClass Property

Syntax

Visual Basic (Declaration)	
<pre><WidgetOptionAttribute()> Public Overrides Property CssClass As System.String</pre>	
C#	
<pre>[WidgetOption()] public override System.string CssClass {get; set;}</pre>	

See Also

Reference

[UIElement Class](#)

[UIElement 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)	
<pre><C1CategoryAttribute("Behavior")> <WidgetOptionAttribute()> <C1DescriptionAttribute(Key="C1Controls.DisplayVisible", Description="Gets or sets a value that indicates whether a server control is rendered as UI on the page.")> <LayoutAttribute(LayoutType.Behavior)> <System.ComponentModel.DefaultValueAttribute()> Public Property DisplayVisible As System.Boolean</pre>	
C#	
<pre>[C1Category("Behavior")] [WidgetOption()] [C1Description(Key="C1Controls.DisplayVisible", Description="Gets or sets a value that indicates whether a server control is rendered as UI on the</pre>	

```
page."))]  
[Layout(LayoutType.Behavior)]  
[System.ComponentModel.DefaultValue()]  
public System.bool DisplayVisible {get; set;}
```

Remarks

Note that a server control is created and invisible if DisplayVisible is set to false.

See Also

Reference




[UIElement Class](#)

[UIElement Members](#)


C1.Web.Wijmo.Controls.C1ProgressBar Namespace

Overview



Classes

	Class	Description
	C1ProgressBar	The C1ProgressBar is designed to simply display the current percentage complete for a process.
	C1ProgressBarSerializer	Serializes the C1ProgressBar control.
	C1ProgressBarTaskEventArgs	Represents the C1ProgressBarTaskEventArgs class which contains all of the settings for the RunTask event argument.

Delegates

	Delegate	Description
	C1ProgressBarTaskEventHandler	Delegate type for handling events that are related to the RunTask event.

Enumerations

	Enumeration	Description
	FillDirection	Determines the direction from which the progress bar will start to fill.
	LabelAlign	Use the members of this enumeration to set the value of the LabelAlign property.

See Also

Reference

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

Classes

C1ProgressBar

The C1ProgressBar is designed to simply display the current percentage complete for a process.

Object Model

C1ProgressBar

Syntax

Visual Basic (Declaration)	
<pre> <System.ComponentModel.DefaultEventAttribute("RunTask")> <System.Web.UI.ToolboxDataAttribute("<{0}:C1ProgressBar runat=server></{0}:C1ProgressBar>")> <System.ComponentModel.LicenseProviderAttribute()> <WidgetDependenciesAttribute(System.Object[])> <System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.Compone ntModel.Design.IDesigner", DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1ProgressBar.C1ProgressBarDes igner, C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207, Culture=neutral, PublicKeyToken=9b75583953471eea")> <System.Drawing.ToolboxBitmapAttribute()> Public Class C1ProgressBar Inherits C1.Web.Wijmo.Controls.C1TargetControlBase </pre>	
C#	

```
[System.ComponentModel.DefaultEvent("RunTask")]
[System.Web.UI.ToolboxData("<{0}:C1ProgressBar
runat=server></{0}:C1ProgressBar>")]
[System.ComponentModel.LicenseProvider()]
[WidgetDependencies(System.Object[])]
[System.ComponentModel.Designer(DesignerBaseTypeName="System.ComponentModel.D
esign.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1ProgressBar.C1ProgressBarDes
igner, C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207,
Culture=neutral, PublicKeyToken=9b75583953471eea")]
[System.Drawing.ToolboxBitmap()]
public class C1ProgressBar : 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.C1ProgressBar.C1ProgressBar
```

See Also

Reference

[C1ProgressBar Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Overview

The C1ProgressBar is designed to simply display the current percentage complete for a process.

Object Model

C1ProgressBar

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultEventAttribute("RunTask")>
<System.Web.UI.ToolboxDataAttribute("<{0}:C1ProgressBar
runat=server></{0}:C1ProgressBar>")>
<System.ComponentModel.LicenseProviderAttribute()>
<WidgetDependenciesAttribute(System.Object[])>
```



```
<System.ComponentModel.DesignerAttribute(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1ProgressBar.C1ProgressBarDesigner, C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207,
Culture=neutral, PublicKeyToken=9b75583953471eea">
<System.Drawing.ToolboxBitmapAttribute()>
Public Class C1ProgressBar
    Inherits C1.Web.Wijmo.Controls.C1TargetControlBase
```

C#

```
[System.ComponentModel.DefaultEvent("RunTask")]
[System.Web.UI.ToolboxData("<{0}:C1ProgressBar
runat=server></{0}:C1ProgressBar>")]
[System.ComponentModel.LicenseProvider()]
[WidgetDependencies(System.Object[])]
[System.ComponentModel.Designer(DesignerBaseTypeName="System.ComponentModel.Design.IDesigner",
DesignerTypeName="C1.Web.Wijmo.Controls.Design.C1ProgressBar.C1ProgressBarDesigner, C1.Web.Wijmo.Controls.Design.4, Version=4.0.20151.207,
Culture=neutral, PublicKeyToken=9b75583953471eea")]
[System.Drawing.ToolboxBitmap()]
public class C1ProgressBar : 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.C1ProgressBar.C1ProgressBar
```

See Also

Reference


[C1ProgressBar Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Members












The following tables list the members exposed by [C1ProgressBar](#).












Public Constructors








	Name	Description
	C1ProgressBar Constructor	Initializes a new instance of the C1ProgressBar class.

















[Top](#)








Public Properties




	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AnimationDelay	Gets or sets the delay time of the progress bar in milliseconds before doing animation.
	AnimationOptions	Gets or sets the option parameter of the jQuery's animation.
	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. (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)
	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. (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)
	FillDirection	Gets or sets the direction from which the progress bar will start to fill. Possible options include: East (right-to-left), West (left-to-right), North (top-to-bottom), or South (bottom-to-top).
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	Overridden. Gets or sets the height of the progress bar.
	ID	(Inherited from System.Web.UI.Control)

	IndicatorImage	Gets or sets the URL of the image for the progress indicator.
	IndicatorIncrement	Determines the increment, in pixels, that the indicator image moves forward.
	LabelAlign	Gets or sets the label's alignment on the progress bar. Possible values are: East The label is aligned on the right side of the progress bar. West The label is aligned on the left side of the progress bar. Center The label is aligned in the center of the progress bar. North The label is aligned at the top of the progress bar. South The label is aligned at the bottom of the progress bar. Running The label is aligned with the edge of the progress bar.
	LabelFormatString	The remarks need to be spaced with paragraph marks. They are currently running together: The available formats are as follows: {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.
	MaxValue	Gets or sets the maximum value of the progress bar.
	MinValue	Gets or sets the minimum value of the progress bar.
	NamingContainer	(Inherited from System.Web.UI.Control)










	OnClientBeforeProgressChanging	Fires before the progress bar changes.
	OnClientProgressChanged	Fires when the progress bar is changed.
	OnClientProgressChanging	Fires when the progress bar is changing.
	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)
	StartTaskButton	Gets or sets the ID of the button that starts a server-side task.
	StopTaskButton	Gets or sets the ID of the button that stops a server-side task.
	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	Overridden. Gets or sets the format of the tooltip for the progress bar. The available formats are as follows: {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.
	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)
	Value	Gets or sets the value of the progress bar.
	ViewStateMode	(Inherited from System.Web.UI.Control)

	Width	Overridden. Gets or sets the width of the progress bar.
	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)

[Top](#)








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)
⇒ 	LoadLayout	Overloaded. Loads control layout properties from the file.
⇒ 	MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
⇒ 	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)
⇒ 	SaveLayout	Overloaded. Saves the control layout properties to the file.
⇒ 	SetPropertyValue<V>	Sets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
⇒ 	SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

[Top](#)

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)
	RunTask	Fires when a server side task is running.
	Unload	(Inherited from System.Web.UI.Control)

[Top](#)

See Also

Reference

[C1ProgressBar Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

C1ProgressBar Constructor

Initializes a new instance of the [C1ProgressBar](#) class.

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public C1ProgressBar()	

See Also

Reference

[C1ProgressBar Class](#)












[C1ProgressBar Members](#)

Methods

For a list of all members of this type, see [C1ProgressBar 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)

 LoadLayout	Overloaded. Loads control layout properties from the file.
 MergeStyle	(Inherited from System.Web.UI.WebControls.WebControl)
 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)
 SaveLayout	Overloaded. Saves the control layout properties to the file.
 SetPropertyValue<V>	Sets the property value by property name. (Inherited from C1.Web.Wijmo.Controls.C1TargetControlBase)
 SetRenderMethodDelegate	(Inherited from System.Web.UI.Control)

[Top](#)

See Also

Reference

[C1ProgressBar Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

LoadLayout Method

Loads control layout properties from the file.

Overload List

Overload	Description
----------	-------------

LoadLayout(String)	Loads control layout properties from the file.
LoadLayout(Stream)	Loads control layout properties from the stream.
LoadLayout(String,LayoutType)	Loads control layout properties with specified types from the file.
LoadLayout(Stream,LayoutType)	Loads the control layout properties with specified types from the stream.

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

LoadLayout(String) Method

Loads control layout properties from the file.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub LoadLayout(_ ByVal <i>filename</i> As System.String _)</pre>	
C#	
<pre>public void LoadLayout(System.string <i>filename</i>)</pre>	

Parameters

filename

The file where the values of layout properties will be loaded.

See Also

Reference

[C1ProgressBar Class](#)
[C1ProgressBar Members](#)
[Overload List](#)

LoadLayout(Stream) Method

Loads control layout properties from the stream.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub LoadLayout(_ ByVal stream As System.IO.Stream _)</pre>	
C#	
<pre>public void LoadLayout(System.IO.Stream stream)</pre>	

Parameters

stream

The stream where the values of layout properties will be loaded.

See Also

Reference

[C1ProgressBar Class](#)
[C1ProgressBar Members](#)
[Overload List](#)

LoadLayout(String,LayoutType) Method

The file where the values of layout properties will be loaded.

The layout types to load.

Loads control layout properties with specified types from the file.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub LoadLayout(_</pre>	

<pre> ByVal <i>filename</i> As System.String, _ ByVal <i>layoutTypes</i> As LayoutType _) </pre>	
C#	
<pre> public void LoadLayout(System.string <i>filename</i>, LayoutType <i>layoutTypes</i>) </pre>	

Parameters

filename

The file where the values of layout properties will be loaded.

layoutTypes

The layout types to load.

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

[Overload List](#)

LoadLayout(Stream,LayoutType) Method

The stream where the values of the layout properties will be loaded.

The layout types to load.

Loads the control layout properties with specified types from the stream.

Syntax

Visual Basic (Declaration)	
<pre> Public Overloads Sub LoadLayout(_ ByVal <i>stream</i> As System.IO.Stream, _ ByVal <i>layoutTypes</i> As LayoutType _) </pre>	
C#	
<pre> public void LoadLayout(</pre>	

```
System.IO.Stream stream,
LayoutType layoutTypes
)
```

Parameters

stream

The stream where the values of the layout properties will be loaded.

layoutTypes

The layout types to load.

See Also

Reference

[C1ProgressBar Class](#)
[C1ProgressBar Members](#)
[Overload List](#)

SaveLayout Method

Saves the control layout properties to the file.

Overload List

Overload	Description
SaveLayout(String)	Saves the control layout properties to the file.
SaveLayout(Stream)	Saves control layout properties to the stream.

See Also

Reference

[C1ProgressBar Class](#)
[C1ProgressBar Members](#)

SaveLayout(String) Method

Saves the control layout properties to the file.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub SaveLayout( _
    ByVal filename As System.String _
)
```

C#

```
public void SaveLayout(
    System.string filename
)
```

Parameters

filename

The file where the values of the layout properties will be saved.

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

[Overload List](#)

SaveLayout(Stream) Method

Saves control layout properties to the stream.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub SaveLayout( _
    ByVal stream As System.IO.Stream _
)
```

C#

```
public void SaveLayout(
    System.IO.Stream stream
)
```

Parameters

stream

The stream where the values of layout properties will be saved.

See Also











Reference












[C1ProgressBar Class](#)
[C1ProgressBar Members](#)
[Overload List](#)








Properties

















For a list of all members of this type, see [C1ProgressBar members](#).








Public Properties





	Name	Description
	AccessKey	(Inherited from System.Web.UI.WebControls.WebControl)
	AnimationDelay	Gets or sets the delay time of the progress bar in milliseconds before doing animation.
	AnimationOptions	Gets or sets the option parameter of the jQuery's animation.
	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. (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)
	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. (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)
	FillDirection	Gets or sets the direction from which the progress bar will start to fill. Possible options include: East (right-to-left), West (left-to-right), North (top-to-bottom), or South (bottom-to-top).
	HasAttributes	(Inherited from System.Web.UI.WebControls.WebControl)
	Height	Overridden. Gets or sets the height of the progress bar.

	ID	(Inherited from System.Web.UI.Control)
	IndicatorImage	Gets or sets the URL of the image for the progress indicator.
	IndicatorIncrement	Determines the increment, in pixels, that the indicator image moves forward.
	LabelAlign	Gets or sets the label's alignment on the progress bar. Possible values are: East The label is aligned on the right side of the progress bar. West The label is aligned on the left side of the progress bar. Center The label is aligned in the center of the progress bar. North The label is aligned at the top of the progress bar. South The label is aligned at the bottom of the progress bar. Running The label is aligned with the edge of the progress bar.
	LabelFormatString	The remarks need to be spaced with paragraph marks. They are currently running together: The available formats are as follows: {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.
	MaxValue	Gets or sets the maximum value of the progress bar.
	MinValue	Gets or sets the minimum value of the progress bar.

	NamingContainer	(Inherited from System.Web.UI.Control)
	OnClientBeforeProgressChanging	Fires before the progress bar changes.
	OnClientProgressChanged	Fires when the progress bar is changed.
	OnClientProgressChanging	Fires when the progress bar is changing.
	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)
	StartTaskButton	Gets or sets the ID of the button that starts a server-side task.
	StopTaskButton	Gets or sets the ID of the button that stops a server-side task.
	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	Overridden. Gets or sets the format of the tooltip for the progress bar. The available formats are as follows: {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.
	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)
	Value	Gets or sets the value of the progress bar.

	ViewStateMode	(Inherited from System.Web.UI.Control)
	Width	Overridden. Gets or sets the width of the progress bar.
	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)

[Top](#)

See Also

Reference

[C1ProgressBar Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

AnimationDelay Property

Gets or sets the delay time of the progress bar in milliseconds before doing animation.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute(LayoutType.Behavior)>
<C1DescriptionAttribute(Key="C1ProgressBar.AnimationDelay", Description="Gets
or sets the delay time of the progress bar in milliseconds before doing
animation.")>
<C1CategoryAttribute("Behavior")>
<WidgetOptionAttribute()>
Public Property AnimationDelay As System.Integer
```

C#

```
[System.ComponentModel.DefaultValue()]
[Layout(LayoutType.Behavior)]
[C1Description(Key="C1ProgressBar.AnimationDelay", Description="Gets or sets
the delay time of the progress bar in milliseconds before doing animation.")]
[C1Category("Behavior")]
[WidgetOption()]
public System.int AnimationDelay {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

AnimationOptions Property

Gets or sets the option parameter of the jQuery's animation.

Syntax

Visual Basic (Declaration)	
<pre><TypeConverterAttribute("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")> <WidgetOptionAttribute()> <System.Web.UI.PersistencemodeAttribute(Persistencemode.InnerProperty)> <C1CategoryAttribute("Behavior")> <LayoutAttribute(LayoutType.Behavior)> <System.ComponentModel.DesignerSerializationVisibilityAttribute(DesignerSeria lizationVisibility.Content)> <System.ComponentModel.NotifyParentPropertyAttribute(True)> <C1DescriptionAttribute(Key="C1ProgressBar.AnimationOptions", Description="Gets or sets the option parameter of the jQuery's animation.")> Public Property AnimationOptions As SlideAnimation</pre>	
C#	
<pre>[TypeConverter("System.ComponentModel.ExpandableObjectConverter, System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089")] [WidgetOption()] [System.Web.UI.Persistencemode(Persistencemode.InnerProperty)] [C1Category("Behavior")] [Layout(LayoutType.Behavior)] [System.ComponentModel.DesignerSerializationVisibility(DesignerSerializationV</pre>	

```
isibility.Content)]
[System.ComponentModel.NotifyParentProperty(true)]
[C1Description(Key="C1ProgressBar.AnimationOptions", Description="Gets or
sets the option parameter of the jQuery's animation.")]
public SlideAnimation AnimationOptions {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

FillDirection Property

Gets or sets the direction from which the progress bar will start to fill. Possible options include: East (right-to-left), West (left-to-right), North (top-to-bottom), or South (bottom-to-top).

Syntax

Visual Basic (Declaration)

```
<C1CategoryAttribute("Appearance")>
<WidgetOptionAttribute()>
<LayoutAttribute(LayoutType.Appearance)>
<C1DescriptionAttribute(Key="C1ProgressBar.FillDirection", Description="Gets
or sets the direction from which the progress bar will start to fill.
Possible options include: East (right-to-left), West (left-to-right), North
(top-to-bottom), or South (bottom-to-top).")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property FillDirection As FillDirection
```

C#

```
[C1Category("Appearance")]
[WidgetOption()]
[Layout(LayoutType.Appearance)]
[C1Description(Key="C1ProgressBar.FillDirection", Description="Gets or sets
the direction from which the progress bar will start to fill. Possible
options include: East (right-to-left), West (left-to-right), North (top-to-
bottom), or South (bottom-to-top).")]
[System.ComponentModel.DefaultValue()]
public FillDirection FillDirection {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

Height Property

Gets or sets the height of the progress bar.

Syntax

Visual Basic (Declaration)

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

C#

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

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

IndicatorImage Property

Gets or sets the URL of the image for the progress indicator.

Syntax

Visual Basic (Declaration)

```
<LayoutAttribute(LayoutType.Appearance)>
<EditorAttribute(EditorBaseTypeName="System.Drawing.Design.UITypeEditor,
System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Web.UI.Design.ImageUrlEditor, System.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")>
<C1CategoryAttribute("Appearance")>
<WidgetOptionAttribute()>
<C1DescriptionAttribute(Key="C1ProgressBar.IndicatorImage", Description="Gets
```

```
or sets the URL of the image for the progress indicator.")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property IndicatorImage As System.String
```

C#

```
[Layout(LayoutType.Appearance)]
[Editor(EditorBaseTypeName="System.Drawing.Design.UITypeEditor,
System.Drawing, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a",
EditorTypeName="System.Web.UI.Design.ImageUrlEditor, System.Design,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]
[C1Category("Appearance")]
[WidgetOption()]
[C1Description(Key="C1ProgressBar.IndicatorImage", Description="Gets or sets
the URL of the image for the progress indicator.")]
[System.ComponentModel.DefaultValue()]
public System.string IndicatorImage {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

IndicatorIncrement Property

Determines the increment, in pixels, that the indicator image moves forward.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1ProgressBar.IndicatorIncrement",
Description="Determines the increment, in pixels, that the indicator image
moves forward.")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
<LayoutAttribute(LayoutType.Behavior)>
<WidgetOptionAttribute()>
Public Property IndicatorIncrement As System.Integer
```

C#

```
[C1Description(Key="C1ProgressBar.IndicatorIncrement",
```

```
Description="Determines the increment, in pixels, that the indicator image
moves forward.")]
[System.ComponentModel.DefaultValue()]
[C1Category("Behavior")]
[Layout(LayoutType.Behavior)]
[WidgetOption()]
public System.int IndicatorIncrement {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

LabelAlign Property

Gets or sets the label's alignment on the progress bar. Possible values are: East The label is aligned on the right side of the progress bar. West The label is aligned on the left side of the progress bar. Center The label is aligned in the center of the progress bar. North The label is aligned at the top of the progress bar. South The label is aligned at the bottom of the progress bar. Running The label is aligned with the edge of the progress bar.

Syntax

Visual Basic (Declaration)

```
<LayoutAttribute(LayoutType.Appearance)>
<C1DescriptionAttribute(Key="C1ProgressBar.LabelAlign", Description="Gets or
sets the label's alignment on the progress bar. Possible values are:

East The label is aligned on the right side of the progress bar.
West The label is aligned on the left side of the progress bar.
Center The label is aligned in the center of the progress bar.
North The label is aligned at the top of the progress bar.
South The label is aligned at the bottom of the progress bar.
Running The label is aligned with the edge of the progress bar.")>
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Appearance")>
<WidgetOptionAttribute()>
Public Property LabelAlign As LabelAlign
```

C#

```
[Layout(LayoutType.Appearance)]
```

```
[C1Description(Key="C1ProgressBar.LabelAlign", Description="Gets or sets the
label's alignment on the progress bar. Possible values are:
```

```
East The label is aligned on the right side of the progress bar.
```

```
West The label is aligned on the left side of the progress bar.
```

```
Center The label is aligned in the center of the progress bar.
```

```
North The label is aligned at the top of the progress bar.
```

```
South The label is aligned at the bottom of the progress bar.
```

```
Running The label is aligned with the edge of the progress bar."))]
```

```
[System.ComponentModel.DefaultValue()]
```

```
[C1Category("Appearance")]
```

```
[WidgetOption()]
```

```
public LabelAlign LabelAlign {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

LabelFormatString Property

The remarks need to be spaced with paragraph marks. They are currently running together: The available formats are as follows: {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute(>
<WidgetOptionAttribute(>
<LayoutAttribute(LayoutType.Behavior)>
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1ProgressBar.LabelFormatString",
Description="The remarks need to be spaced with paragraph marks. They are
currently running together:
The available formats are as follows:
{0} or {ProgressValue} Expresses the current progress value.
{1} or {PercentProgress} Expresses the current percent of the progress bar.
```

```
{2} or {RemainingProgress} Expresses the remaining progress of the progress bar.
{3} or {PercentageRemaining} Expresses the remaining percent of the progress bar.
{4} or {Min} Expresses the minimum value of the progress bar.
{5} or {Max} Expresses the maximum value of the progress bar.")>
Public Property LabelFormatString As System.String
```

C#

```
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
[Layout(LayoutType.Behavior)]
[C1Category("Behavior")]
[C1Description(Key="C1ProgressBar.LabelFormatString", Description="The
remarks need to be spaced with paragraph marks. They are currently running
together:
The available formats are as follows:
{0} or {ProgressValue} Expresses the current progress value.
{1} or {PercentProgress} Expresses the current percent of the progress bar.
{2} or {RemainingProgress} Expresses the remaining progress of the progress bar.
{3} or {PercentageRemaining} Expresses the remaining percent of the progress bar.
{4} or {Min} Expresses the minimum value of the progress bar.
{5} or {Max} Expresses the maximum value of the progress bar."")]
public System.string LabelFormatString {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

MaxValue Property

Gets or sets the maximum value of the progress bar.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1ProgressBar.MaximumValue", Description="Gets
or sets the maximum value of the progress bar.")>
```

```
<LayoutAttribute(LayoutType.Behavior)>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<WidgetOptionAttribute()>
Public Property MaxValue As System.Integer
```

C#

```
[C1Description(Key="C1ProgressBar.MaximumValue", Description="Gets or sets
the maximum value of the progress bar.")]
[Layout(LayoutType.Behavior)]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
public System.int MaxValue {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

MinValue Property

Gets or sets the minimum value of the progress bar.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<WidgetOptionAttribute()>
<LayoutAttribute(LayoutType.Behavior)>
<C1DescriptionAttribute(Key="C1ProgressBar.MinimumValue", Description="Gets
or sets the minimum value of C1ProgressBar.")>
<C1CategoryAttribute("Behavior")>
Public Property MinValue As System.Integer
```

C#

```
[System.ComponentModel.DefaultValue()]
[WidgetOption()]
[Layout(LayoutType.Behavior)]
[C1Description(Key="C1ProgressBar.MinimumValue", Description="Gets or sets
the minimum value of C1ProgressBar.")]
```

```
[C1Category("Behavior")]
public System.int MinValue {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

OnClientBeforeProgressChanging Property

Fires before the progress bar changes.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1ProgressBar.OnClientBeforeProgressChanging",
Description="Fires before the progress bar changes.")>
<WidgetOptionNameAttribute("beforeProgressChanging")>
<C1CategoryAttribute("Client-Side Events")>
<LayoutAttribute(LayoutType.Behavior)>
<WidgetEventAttribute("e")>
<System.ComponentModel.DefaultValueAttribute()>
Public Property OnClientBeforeProgressChanging As System.String
```

C#

```
[C1Description(Key="C1ProgressBar.OnClientBeforeProgressChanging",
Description="Fires before the progress bar changes.")]
[WidgetOptionName("beforeProgressChanging")]
[C1Category("Client-Side Events")]
[Layout(LayoutType.Behavior)]
[WidgetEvent("e")]
[System.ComponentModel.DefaultValue()]
public System.string OnClientBeforeProgressChanging {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

OnClientProgressChanged Property

Fires when the progress bar is changed.

Syntax

Visual Basic (Declaration)	
<pre> <C1CategoryAttribute("Client-Side Events")> <LayoutAttribute(LayoutType.Behavior)> <C1DescriptionAttribute(Key="C1ProgressBar.OnClientProgressChanged", Description="Fires when the progress bar is changed.")> <WidgetEventAttribute("e")> <System.ComponentModel.DefaultValueAttribute()> <WidgetOptionNameAttribute("progressChanged")> Public Property OnClientProgressChanged As System.String </pre>	
C#	
<pre> [C1Category("Client-Side Events")] [Layout(LayoutType.Behavior)] [C1Description(Key="C1ProgressBar.OnClientProgressChanged", Description="Fires when the progress bar is changed.")] [WidgetEvent("e")] [System.ComponentModel.DefaultValue()] [WidgetOptionName("progressChanged")] public System.string OnClientProgressChanged {get; set;} </pre>	

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

OnClientProgressChanging Property

Fires when the progress bar is changing.

Syntax

Visual Basic (Declaration)	
<pre> <C1CategoryAttribute("Client-Side Events")> <LayoutAttribute(LayoutType.Behavior)> <C1DescriptionAttribute(Key="C1ProgressBar.OnClientProgressChanging", Description="Fires when the progress bar is changing.")> <WidgetEventAttribute("e")> <System.ComponentModel.DefaultValueAttribute()> </pre>	


```
<WidgetOptionNameAttribute("progressChanging")>
Public Property OnClientProgressChanging As System.String
```

C#

```
[C1Category("Client-Side Events")]
[Layout(LayoutType.Behavior)]
[C1Description(Key="C1ProgressBar.OnClientProgressChanging",
Description="Fires when the progress bar is changing.")]
[WidgetEvent("e")]
[System.ComponentModel.DefaultValue()]
[WidgetOptionName("progressChanging")]
public System.string OnClientProgressChanging {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

StartTaskButton Property

Gets or sets the ID of the button that starts a server-side task.

Syntax

Visual Basic (Declaration)

```
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
<C1DescriptionAttribute(Key="C1ProgressBar.StartTaskButton",
Description="Gets or sets the ID of the button that starts a server-side
task.")>
<System.Web.UI.IDReferencePropertyAttribute(System.Web.UI.WebControls.Button)
>
<LayoutAttribute(LayoutType.Behavior)>
<WidgetOptionAttribute()>
<TypeConverterAttribute("C1.Web.UI.Design.ButtonIDConverter,
C1.Web.Wijmo.Controls.Design.4")>
Public Property StartTaskButton As System.String
```

C#

```
[System.ComponentModel.DefaultValue()]
[C1Category("Behavior")]
```

```
[C1Description(Key="C1ProgressBar.StartTaskButton", Description="Gets or sets
the ID of the button that starts a server-side task.")]
[System.Web.UI.IDReferenceProperty(System.Web.UI.WebControls.Button)]
[Layout(LayoutType.Behavior)]
[WidgetOption()]
[TypeConverter("C1.Web.UI.Design.ButtonIDConverter,
C1.Web.Wijmo.Controls.Design.4")]
public System.string StartTaskButton {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

StopTaskButton Property

Gets or sets the ID of the button that stops a server-side task.

Syntax

Visual Basic (Declaration)

```
<LayoutAttribute(LayoutType.Behavior)>
<System.Web.UI.IDReferencePropertyAttribute(System.Web.UI.WebControls.Button)
>
<C1CategoryAttribute("Behavior")>
<System.ComponentModel.DefaultValueAttribute()>
<C1DescriptionAttribute(Key="C1ProgressBar.StopTaskButton", Description="Gets
or sets the ID of the button that stops a server-side task.")>
<WidgetOptionAttribute()>
<TypeConverterAttribute("C1.Web.UI.Design.ButtonIDConverter,
C1.Web.Wijmo.Controls.Design.4")>
Public Property StopTaskButton As System.String
```

C#

```
[Layout(LayoutType.Behavior)]
[System.Web.UI.IDReferenceProperty(System.Web.UI.WebControls.Button)]
[C1Category("Behavior")]
[System.ComponentModel.DefaultValue()]
[C1Description(Key="C1ProgressBar.StopTaskButton", Description="Gets or sets
the ID of the button that stops a server-side task.")]
[WidgetOption()]
```

```
[TypeConverter("C1.Web.UI.Design.ButtonIDConverter,
C1.Web.Wijmo.Controls.Design.4")]
public System.string StopTaskButton {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

ToolTip Property

Gets or sets the format of the tooltip for the progress bar. The available formats are as follows:
 {0} or {ProgressValue} Expresses the current progress value. {1} or {PercentProgress} Expresses the current percent of the progress bar. {2} or {RemainingProgress} Expresses the remaining progress of the progress bar. {3} or {PercentageRemaining} Expresses the remaining percent of the progress bar. {4} or {Min} Expresses the minimum value of the progress bar. {5} or {Max} Expresses the maximum value of the progress bar.

Syntax

Visual Basic (Declaration)

```
<WidgetOptionAttribute()>
<WidgetOptionNameAttribute("ToolTipFormatString")>
<LayoutAttribute(LayoutType.Behavior)>
<C1DescriptionAttribute(Key="C1ProgressBar.ToolTip", Description="Gets or
sets the format of the tooltip for the progress bar. The available formats
are as follows:

{0} or {ProgressValue} Expresses the current progress value.
{1} or {PercentProgress} Expresses the current percent of the progress bar.
{2} or {RemainingProgress} Expresses the remaining progress of the progress
bar.
{3} or {PercentageRemaining} Expresses the remaining percent of the progress
bar.
{4} or {Min} Expresses the minimum value of the progress bar.
{5} or {Max} Expresses the maximum value of the progress bar.">
<System.ComponentModel.DefaultValueAttribute()>
<C1CategoryAttribute("Behavior")>
Public Overrides Property ToolTip As System.String
```

C#

```
[WidgetOption()]
[WidgetOptionName("ToolTipFormatString")]
[Layout(LayoutType.Behavior)]
[C1Description(Key="C1ProgressBar.ToolTip", Description="Gets or sets the
format of the tooltip for the progress bar. The available formats are as
follows:

{0} or {ProgressValue} Expresses the current progress value.
{1} or {PercentProgress} Expresses the current percent of the progress bar.
{2} or {RemainingProgress} Expresses the remaining progress of the progress
bar.
{3} or {PercentageRemaining} Expresses the remaining percent of the progress
bar.
{4} or {Min} Expresses the minimum value of the progress bar.
{5} or {Max} Expresses the maximum value of the progress bar.")]]
[System.ComponentModel.DefaultValue()]
[C1Category("Behavior")]
public override System.string ToolTip {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

Value Property

Gets or sets the value of the progress bar.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1ProgressBar.Value", Description="Gets or sets
the value of the progress bar.")>
<System.ComponentModel.DefaultValueAttribute()>
<LayoutAttribute(LayoutType.Behavior)>
<WidgetOptionAttribute()>
<C1CategoryAttribute("Behavior")>
Public Property Value As System.Integer
```

C#

```
[C1Description(Key="C1ProgressBar.Value", Description="Gets or sets the value
of the progress bar.")]
[System.ComponentModel.DefaultValue()]
[Layout(LayoutType.Behavior)]
[WidgetOption()]
[C1Category("Behavior")]
public System.int Value {get; set;}
```

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

Width Property

Gets or sets the width of the progress bar.

Syntax

Visual Basic (Declaration)

```
<LayoutAttribute(LayoutType.Sizes)>
<WidgetOptionAttribute()>
Public Overrides Property Width As System.Web.UI.WebControls.Unit
```

C#

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

See Also

Reference

[C1ProgressBar Class](#)



[C1ProgressBar Members](#)

Events

For a list of all members of this type, see [C1ProgressBar members](#).

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)
	RunTask	Fires when a server side task is running.
	Unload	(Inherited from System.Web.UI.Control)

[Top](#)

See Also

Reference

[C1ProgressBar Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

RunTask Event

Fires when a server side task is running.

Syntax

Visual Basic (Declaration)

```
<C1DescriptionAttribute(Key="C1ProgressBar.RunTask", Description="Fires when
a server side task is running.")>
<C1CategoryAttribute("Behavior")>
Public Event RunTask As C1ProgressBarTaskEventHandler
```

C#

```
[C1Description(Key="C1ProgressBar.RunTask", Description="Fires when a server
side task is running.")]
[C1Category("Behavior")]
public event C1ProgressBarTaskEventHandler RunTask
```

Event Data

The event handler receives an argument of type [C1ProgressBarTaskEventArgs](#) containing data related to this event. The following **C1ProgressBarTaskEventArgs** properties provide information specific to this event.

Property	Description
ExtraData	Gets the extra data which is stored by the user. Can you provide a more detailed description, including what kind of extra data
Value	Gets the progress value.

See Also

Reference

[C1ProgressBar Class](#)

[C1ProgressBar Members](#)

C1ProgressBarSerializer

Serializes the C1ProgressBar control.

Object Model

C1ProgressBarSerializer

Syntax

Visual Basic (Declaration)	
<pre>Public Class C1ProgressBarSerializer Inherits C1.Web.Wijmo.Controls.Base.C1BaseSerializer(Of C1ProgressBar, Object, Object)</pre>	
C#	
<pre>public class C1ProgressBarSerializer : C1.Web.Wijmo.Controls.Base.C1BaseSerializer<C1ProgressBar, object, object></pre>	

Inheritance Hierarchy

System.Object

[C1.Web.Wijmo.Controls.Base.C1BaseSerializer<TControl,TItem,TICollectionOwner>](#)

C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarSerializer

See Also

Reference

[C1ProgressBarSerializer Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Overview

Serializes the C1ProgressBar control.

Object Model

C1ProgressBarSerializer

Syntax

Visual Basic (Declaration)

```
Public Class C1ProgressBarSerializer
    Inherits C1.Web.Wijmo.Controls.Base.C1BaseSerializer(Of
C1ProgressBar, Object, Object)
```

C#

```
public class C1ProgressBarSerializer :
C1.Web.Wijmo.Controls.Base.C1BaseSerializer<C1ProgressBar, object, object>
```

Inheritance Hierarchy

System.Object

[C1.Web.Wijmo.Controls.Base.C1BaseSerializer<TControl,TItem,TICollectionOwner>](#)

C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarSerializer

See Also

Reference


[C1ProgressBarSerializer Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Members


The following tables list the members exposed by [C1ProgressBarSerializer](#).

Public Constructors

	Name	Description
	C1ProgressBarSerializer Constructor	Initializes a new instance of the C1ProgressBarSerializer class.



[Top](#)

Public Properties

	Name	Description
	Serializable	Serializable object that will be serialized or deserialized. (Inherited from C1.Web.Wijmo.Controls.Base.C1BaseSerializer<C1ProgressBar,object,object>)

[Top](#)

Public Methods

	Name	Description
	LoadLayout	Overloaded. Load object layout properties from the file. (Inherited from C1.Web.Wijmo.Controls.Base.C1BaseSerializer<C1ProgressBar,object,object>)
	SaveLayout	Overloaded. Saves the object layout properties to the XML file. (Inherited from C1.Web.Wijmo.Controls.Base.C1BaseSerializer<C1ProgressBar,object,object>)

[Top](#)

See Also

Reference

[C1ProgressBarSerializer Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

C1ProgressBarSerializer Constructor

Initializes a new instance of the [C1ProgressBarSerializer](#) class.

Syntax

Visual Basic (Declaration)

```
Public Function New( _
    ByVal obj As System.Object _
)
```

C#

```
public C1ProgressBarSerializer(
    System.object obj
)
```

Parameters

obj

object to serialize

See Also

Reference

[C1ProgressBarSerializer Class](#)

[C1ProgressBarSerializer Members](#)

C1ProgressBarTaskEventArgs

Represents the C1ProgressBarTaskEventArgs class which contains all of the settings for the RunTask event argument.

Object Model

C1ProgressBarTaskEventArgs

Syntax

Visual Basic (Declaration)

```
Public Class C1ProgressBarTaskEventArgs
    Inherits System.EventArgs
```

C#

```
public class C1ProgressBarTaskEventArgs : System.EventArgs
```

Inheritance Hierarchy

System.Object

System.EventArgs

C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarTaskEventArgs

See Also

Reference

[C1ProgressBarTaskEventArgs Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Overview

Represents the C1ProgressBarTaskEventArgs class which contains all of the settings for the RunTask event argument.

Object Model

C1ProgressBarTaskEventArgs

Syntax

Visual Basic (Declaration)

```
Public Class C1ProgressBarTaskEventArgs
    Inherits System.EventArgs
```

C#

```
public class C1ProgressBarTaskEventArgs : System.EventArgs
```

Inheritance Hierarchy

System.Object

System.EventArgs

C1.Web.Wijmo.Controls.C1ProgressBar.C1ProgressBarTaskEventArgs

See Also

Reference

[C1ProgressBarTaskEventArgs Members](#)


[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Members

The following tables list the members exposed by [C1ProgressBarTaskEventArgs](#).



Public Constructors

	Name	Description
--	------	-------------

	C1ProgressBarTaskEventArgs Constructor	Initializes a new instance of the C1ProgressBarTaskEventArgs class.
---	--	---


[Top](#)

Public Properties

	Name	Description
	ExtraData	Gets the extra data which is stored by the user. Can you provide a more detailed description, including what kind of extra data
	Value	Gets the progress value.

[Top](#)

Public Methods

	Name	Description
	UpdateProgress	Overloaded. Updates the progress for the C1ProgressBar control using an integer for the new progress value.

[Top](#)

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

C1ProgressBarTaskEventArgs Constructor

Initializes a new instance of the [C1ProgressBarTaskEventArgs](#) class.

Syntax

Visual Basic (Declaration)
<pre>Public Function New(_ ByVal progressbar As C1ProgressBar _)</pre>

C#

```
public C1ProgressBarTaskEventArgs(
    C1ProgressBar progressbar
)
```

Parameters

progressbar

The instance of the class.

See Also


Reference

- [C1ProgressBarTaskEventArgs Class](#)
- [C1ProgressBarTaskEventArgs Members](#)
- [C1ProgressBar Class](#)

Methods

For a list of all members of this type, see [C1ProgressBarTaskEventArgs members](#).

Public Methods

	Name	Description
	UpdateProgress	Overloaded. Updates the progress for the C1ProgressBar control using an integer for the new progress value.

[Top](#)

See Also

Reference

- [C1ProgressBarTaskEventArgs Class](#)
- [C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

UpdateProgress Method

Updates the progress for the C1ProgressBar control using an integer for the new progress value.

Overload List

Overload	Description
UpdateProgress(Int32)	Updates the progress for the C1ProgressBar control using an integer for the new progress value.
UpdateProgress(Int32,String)	Updates the progress for the C1ProgressBar control using an integer for the new progress value and a string for the extra data stored by the user.

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)

[C1ProgressBarTaskEventArgs Members](#)

UpdateProgress(Int32) Method

Updates the progress for the C1ProgressBar control using an integer for the new progress value.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub UpdateProgress(_ ByVal <i>newValue</i> As System.Integer _)</pre>	
C#	
<pre>public void UpdateProgress(System.int <i>newValue</i>)</pre>	

Parameters

newValue

The new progress value.

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)
[C1ProgressBarTaskEventArgs Members](#)
[Overload List](#)

UpdateProgress(Int32,String) Method

Updates the progress for the C1ProgressBar control using an integer for the new progress value and a string for the extra data stored by the user.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Sub UpdateProgress(_ ByVal <i>newValue</i> As System.Integer, _ ByVal <i>extraData</i> As System.String _)</pre>	
C#	
<pre>public void UpdateProgress(System.int <i>newValue</i>, System.string <i>extraData</i>)</pre>	

Parameters

newValue

The new progress value.

extraData

The extra data which is stored by user.

See Also



Reference

[C1ProgressBarTaskEventArgs Class](#)
[C1ProgressBarTaskEventArgs Members](#)
[Overload List](#)

Properties

For a list of all members of this type, see [C1ProgressBarTaskEventArgs members](#).

Public Properties

	Name	Description
	ExtraData	Gets the extra data which is stored by the user. Can you provide a more detailed description, including what kind of extra data
	Value	Gets the progress value.

[Top](#)

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

ExtraData Property

Gets the extra data which is stored by the user. Can you provide a more detailed description, including what kind of extra data

Syntax

Visual Basic (Declaration)	
Public ReadOnly Property ExtraData As System.String	
C#	
public System.string ExtraData {get;}	

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)

[C1ProgressBarTaskEventArgs Members](#)

Value Property

Gets the progress value.

Syntax

Visual Basic (Declaration)	
Public ReadOnly Property Value As System.Integer	

C#

```
public System.int Value {get;}
```

See Also

Reference

[C1ProgressBarTaskEventArgs Class](#)

[C1ProgressBarTaskEventArgs Members](#)

Enumerations

FillDirection

Determines the direction from which the progress bar will start to fill.

Syntax

Visual Basic (Declaration)

```
Public Enum FillDirection
    Inherits System.Enum
```

C#

```
public enum FillDirection : System.Enum
```

Members

Member	Description
East	Fills from right-to-left.
North	Fills from top-to-bottom.
South	Fills from bottom-to-top.
West	Fills from left-to-right.

Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

C1.Web.Wijmo.Controls.C1ProgressBar.FillDirection

See Also

Reference

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

LabelAlign

Use the members of this enumeration to set the value of the LabelAlign property.

Syntax

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

Members

Member	Description
Center	The label is aligned in the center of the progress bar.
East	The label is aligned on the right side of the progress bar.
North	The label is aligned at the top of the progress bar.
Running	The label is aligned with the edge of the progress bar.
South	The label is aligned at the bottom of the progress bar.
West	The label is aligned on the left side of the progress bar.

Inheritance Hierarchy

System.Object

System.ValueType

System.Enum

C1.Web.Wijmo.Controls.C1ProgressBar.LabelAlign

See Also

Reference

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)

Delegates

C1ProgressBarTaskEventHandler

The [C1ProgressBar](#) instance which raises the RunTask event.

The [C1ProgressBarTaskEventArgs](#) event arguments for the RunTask event.

Delegate type for handling events that are related to the RunTask event.

Syntax

Visual Basic (Declaration)

```
Public Delegate Sub C1ProgressBarTaskEventHandler( _  
    ByVal sender As System.Object, _  
    ByVal e As C1ProgressBarTaskEventArgs _  
)
```

C#

```
public delegate void C1ProgressBarTaskEventHandler(  
    System.object sender,  
    C1ProgressBarTaskEventArgs e  
)
```

Parameters

sender

The [C1ProgressBar](#) instance which raises the RunTask event.

e

The [C1ProgressBarTaskEventArgs](#) event arguments for the RunTask event.

See Also

Reference

[C1ProgressBarTaskEventHandler Members](#)

[C1.Web.Wijmo.Controls.C1ProgressBar Namespace](#)