
ComponentOne

Themes for WinForms

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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)

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ComponentOne Themes for WinForms Overview

Themes™ for WinForms makes it easy to theme your WinForms controls with many built-in themes and an easy to use Theme designer to create your own themes or modify the existing ones. This product enables you to easily provide a consistent customized look to WinForms applications which use other ComponentOne WinForms products such as C1Ribbon, C1Scheduler, C1FlexGrid and others. Themes for WinForms includes one component, **C1ThemeController**, and a **Theme** designer.

The C1Themes product physically consists of two separate parts:

- C1.Win.C1Themes.2/C1.Win.C1Themes.4 assembly

The C1.Win.C1Themes.2/C1.Win.C1Themes.4 assembly. This assembly provides the C1ThemeController component, which is used to load and apply themes to controls at design and runtime. Besides, the assembly contains (as embedded resources) a set of predefined themes which can be used as is, or customized to better serve your purposes.

- C1ThemeDesigner application

This application can be used to create new, or customize existing themes (including those embedded into the C1.Win.C1Themes.2/4 assembly as mentioned above).

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



Getting Started

- [Themes for WinForms Quick Start](#)
- [ThemeController Overview](#)
- [C1Theme Designer Application Overview](#)

Help with ComponentOne Studio for WinForms

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

What's New

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

Themes for WinForms Key Features

C1Themes includes the following key features:

- C1Themes allow to provide a consistent customized look to your applications that use ComponentOne WinForms controls.
- The look of an application can be changed with a single click at design or run time.
- The look of your applications can be designed/modified by visual designers (not programmers) independently of actual coding, using the easy to use C1ThemeDesigner.
- Use one of the pre-built themes, or create your own either from scratch, or by modifying a pre-built theme.
- Themes can be deployed independently of applications, and used by different applications throughout your company as long as the applications are built using C1 WinForms controls.
- Within a theme, a common repository of properties (Base Theme Properties) can be referenced throughout the theme to enable creation of consistent and easily modifiable themes.

Themes for WinForms Quick Start

Themes for WinForms enables users to quickly create many prebuilt themes using the **C1ThemeDesigner** so they can easily apply those themes to any of their ComponentOne WinForms or Standard WinForms controls. C1Themes for WinForms includes a **C1ThemeController.Theme** property that enables users to get their theme created by the **C1ThemesDesigner** so they can apply it to all supporting ComponentOne WinForm or Standard WinForms controls or they can apply different themes to individual ComponentOne WinForms or Standard WinForms controls using the **C1ThemeController.Theme** property.

In this quick start you will learn how to apply a built-in theme to your application and you will also learn how to create or modify existing themes using the C1ThemeDesigner.

See Also

[Applying a Built-In Theme to your Application](#)

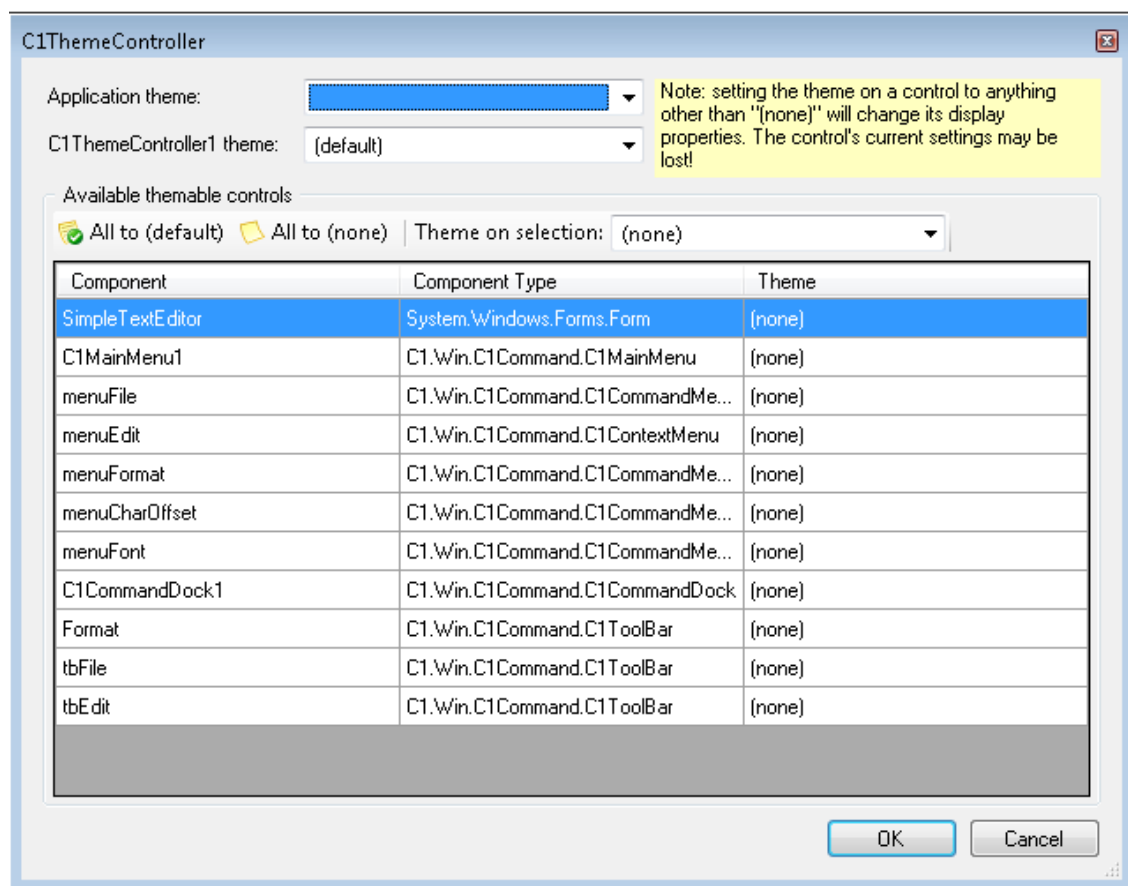
[Creating a Custom Theme](#)

Applying a Built-In Theme to your Application

[Themes for WinForms Quick Start](#) > Applying a Built-In Theme to your Application

To simply theme the controls in your application use C1ThemeController like the following:


1. Open a form belonging to your application in the Visual Studio's forms designer. In this example we will open a ComponentOne WinForms sample, **SimpleTextEditor**.
2. From the designer's toolbox, drag a C1ThemeController and drop it on your form. (The C1ThemeController is provided by the C1.Win.C1Themes.2/4 assembly; if you don't see it in your toolbox you can add it manually.) A ThemeController dialog box appears.

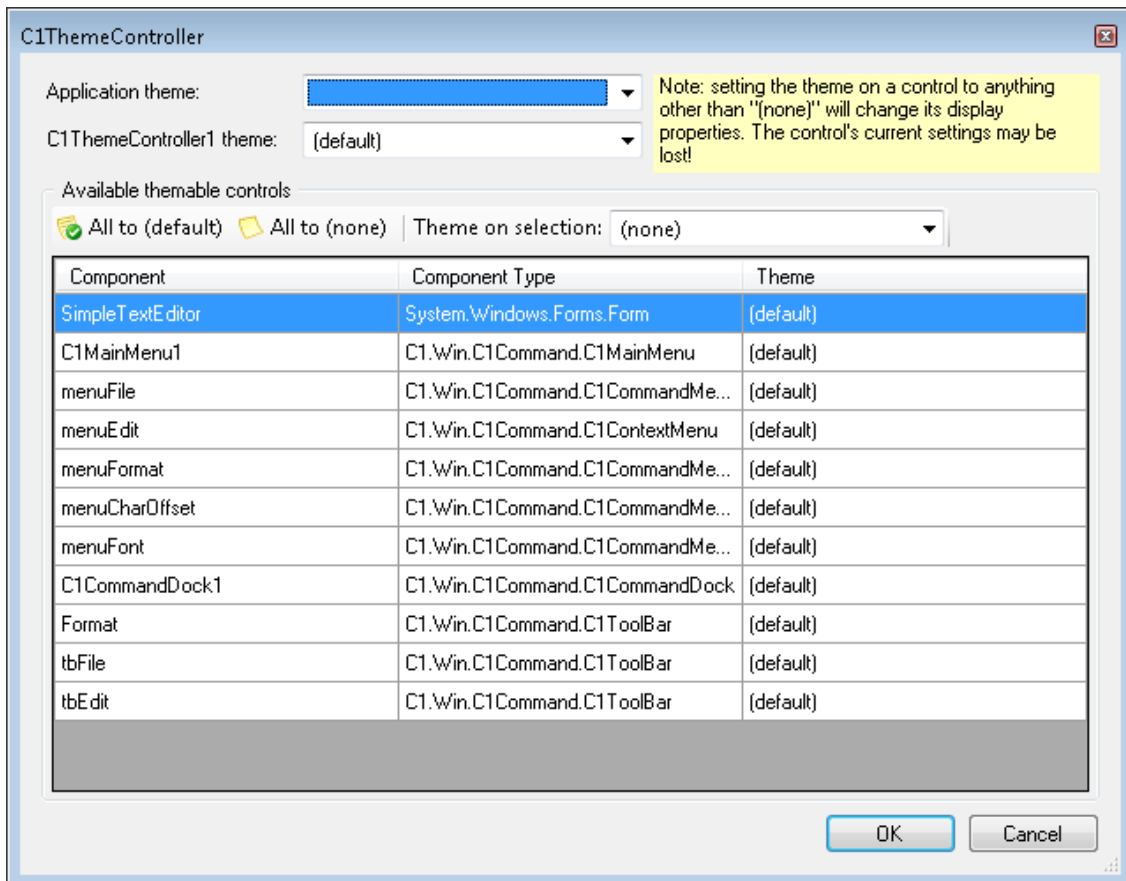


This enables you to select the application-wide default theme, the current controller's default theme, and themes for all supporting controls already on the form. Note: The same dialog is also available via the **Set Themes** action on the C1ThemeController tasks menu.

Initially in the dialog that pops up, the theme is specified as "(none)" for all supporting controls already on the form. This is done to prevent unintentional loss of property settings on those controls.

3. Click the **All to (default)** button in the dialog so that the default theme is set on all controls. If you have deliberately customized some of the controls already this will not need to be done.

 (When new controls are dropped on the form already containing a C1ThemeController component, theme is set to "(default)" on them automatically.)

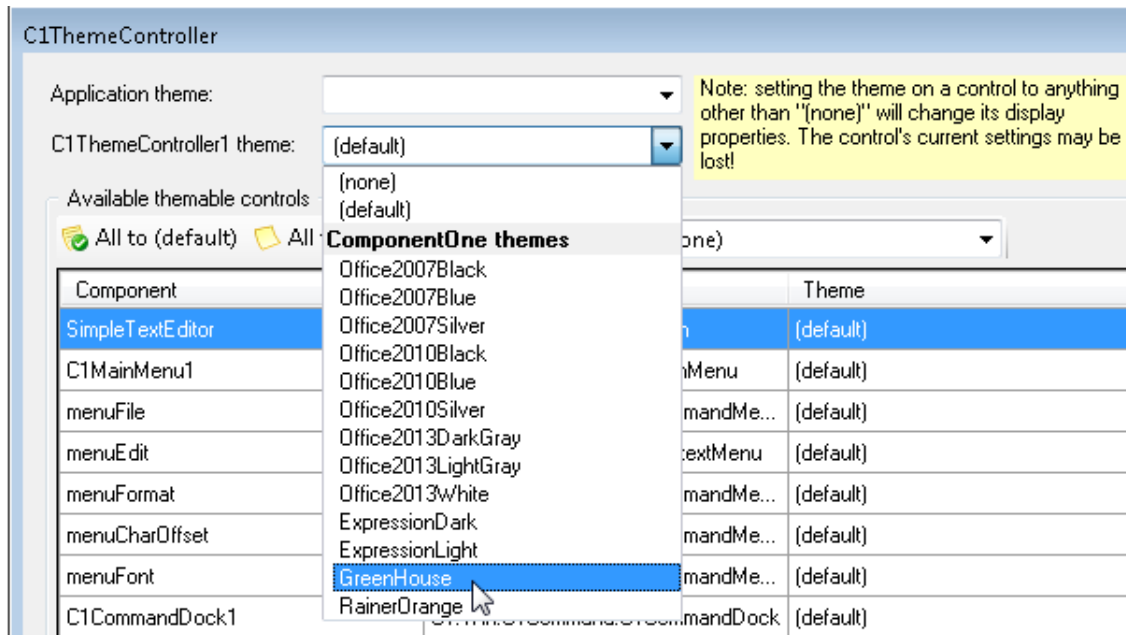


The dialog box titled "C1ThemeController" contains the following elements:

- Application theme:** A dropdown menu with a blue highlight.
- C1ThemeController1 theme:** A dropdown menu showing "(default)".
- Note:** A yellow box with the text: "Note: setting the theme on a control to anything other than '(none)' will change its display properties. The control's current settings may be lost!"
- Available themable controls:** A section with three buttons: "All to (default)" (green checkmark), "All to (none)" (yellow folder), and "Theme on selection:" (dropdown menu showing "(none)").
- Table:** A table with three columns: Component, Component Type, and Theme.

Component	Component Type	Theme
SimpleTextEditor	System.Windows.Forms.Form	(default)
C1MainMenu1	C1.Win.C1Command.C1MainMenu	(default)
menuFile	C1.Win.C1Command.C1CommandMe...	(default)
menuEdit	C1.Win.C1Command.C1ContextMenu	(default)
menuFormat	C1.Win.C1Command.C1CommandMe...	(default)
menuCharOffset	C1.Win.C1Command.C1CommandMe...	(default)
menuFont	C1.Win.C1Command.C1CommandMe...	(default)
C1CommandDock1	C1.Win.C1Command.C1CommandDock	(default)
Format	C1.Win.C1Command.C1ToolBar	(default)
tbFile	C1.Win.C1Command.C1ToolBar	(default)
tbEdit	C1.Win.C1Command.C1ToolBar	(default)
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

4. Select the default application theme from the list of available prebuilt themes. For example, This theme name will be automatically stored in the App.config file.



4. Leave the theme on the current theme controller ('c1ThemeController1 theme') at its default "(default)" value (which means that the application theme, **GreenHouse**, will be used).
5. Click the **All to (default)** button as mentioned above, to set the default theme on all supporting controls on the form.
6. Finally, click the **OK** button to close the dialog and apply the specified theme to the controls on the form.
7. If your application contains multiple forms, repeat the steps above (with the exception of specifying the default ApplicationTheme as it will already be pre-selected for you) for all forms in your application.

When you are done, the selected application theme will be applied to controls on your forms both at design and runtime.

The following image illustrates the GreenHouse theme applied to the SimpleTextEditor application:



Creating a Custom Theme

[Themes for WinForms Quick Start](#) > Creating a Custom Theme

This QuickStart guide will walk you through creating a new theme based on a built-in theme template using the C1ThemeDesigner. You will modify the built in theme template using the C1ThemeDesigner.

See Also

[Step 1 of 2: Creating a New Theme in the Theme Designer](#)

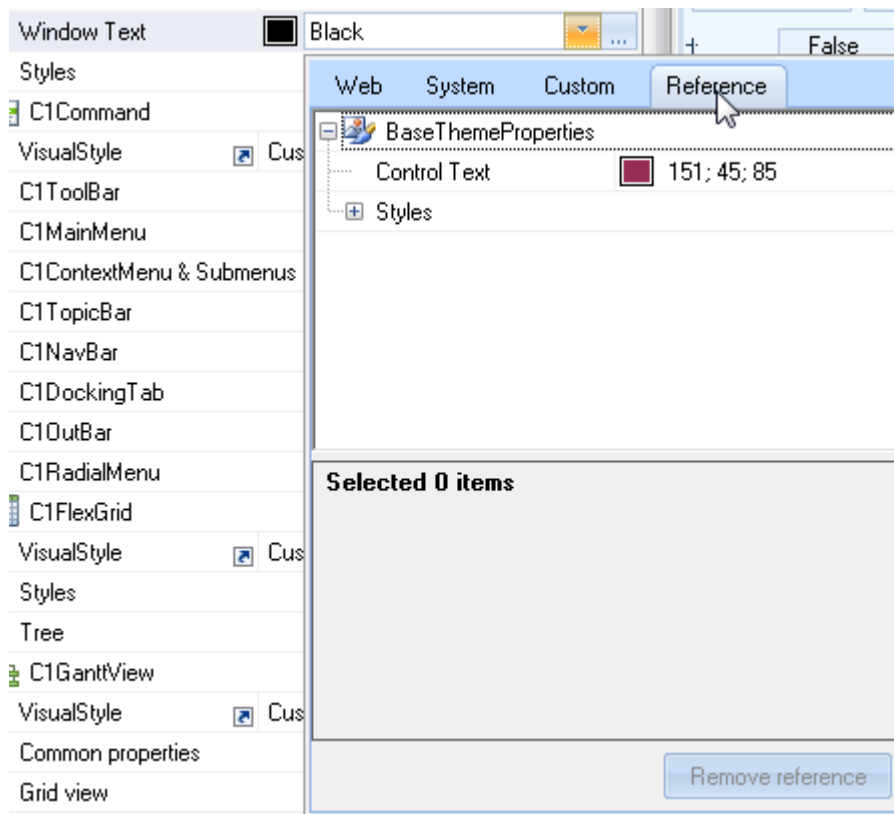
[Step 2 of 2: Using Themes in Visual Studio](#)

Step 1 of 2: Creating a New Theme in the Theme Designer

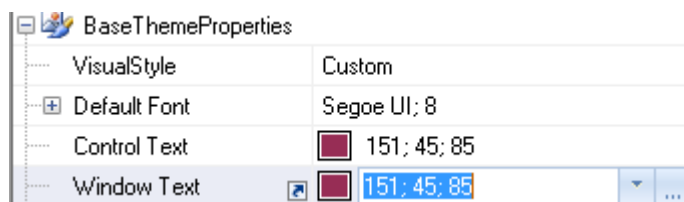
[Themes for WinForms Quick Start](#) > [Creating a Custom Theme](#) > Step 1 of 2: Creating a New Theme in the Theme Designer

In this step, you will create a new theme based on the Standard built-in theme template. You will also modify some Theme Base Properties and add a reference to another theme base property. For more information see **C1ThemeDesigner Application Overview**.

1. Double-click on the C1ThemeDesigner from the **C:\Program Files\ComponentOne\Studio for WinForms\bin\v2\Designer** folder.
2. Click on **Create New Theme** from the Topic Bar. The **New Theme** dialog box appears.
3. Select the Standard built-in theme template and enter BlueandPink for the theme Name and Click **OK**.
4. Select **Control Text** from the BaseThemeProperties in the Theme tree.
5. Click on the Control Text dropdown arrow and click the **Custom** tab.
6. Set the **BackColor** to **151; 45; 85**.
7. Click on the dropdown arrow next to **Window Text** and select the **Reference** tab.
8. Select the **Control Text** in the Reference tab.

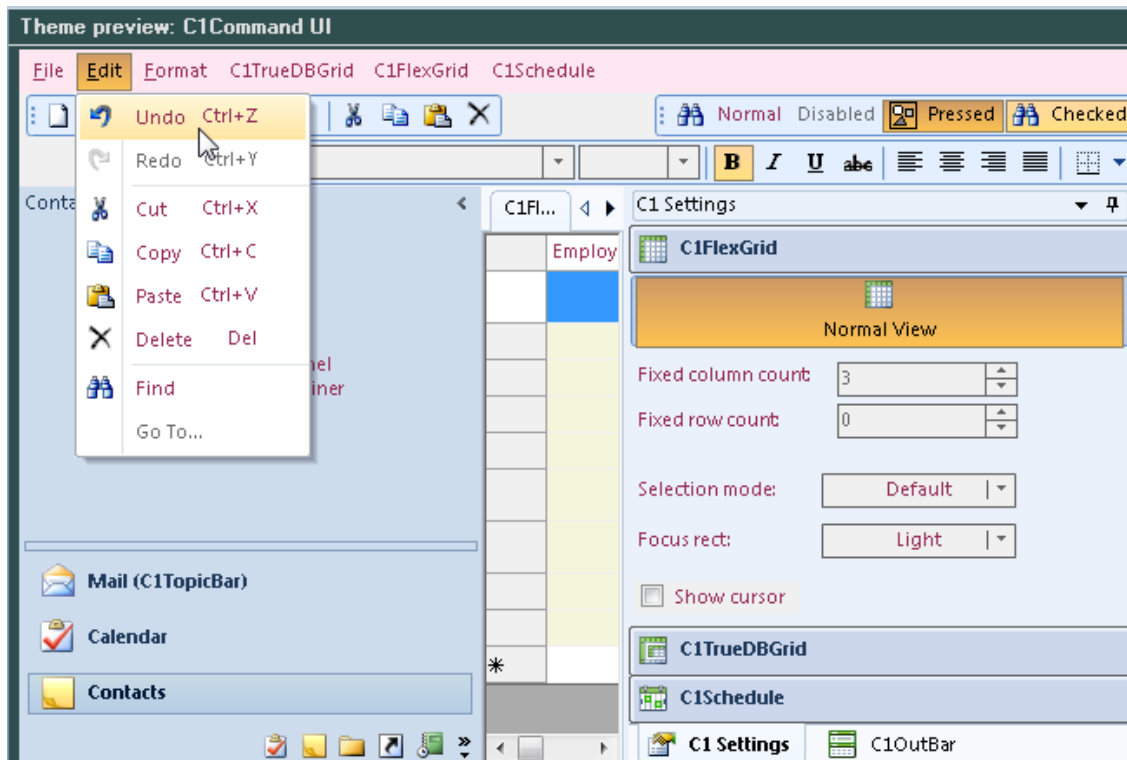


Notice the icon appears as a visual indicator that the **Window Text** property is referenced from the BaseThemeProperties **Control Text**.



9. Expand **C1Command** | **C1MainMenu** | **Bar** | **BackColor**.
10. Click on the **BackColor** dropdown arrow and select the **Custom** tab.
11. Select the Light pink so the numbers appear as **255; 231; 242**.

Notice the new settings appear in the Preview pane.



12. Select **File| Save As** from the **File** menu and save and name your file. For example, **BlueandPink**. The new location appears at the top of the C1Theme Designer.

Step 2 of 2: Using Themes in Visual Studio

[Themes for WinForms Quick Start](#) > [Creating a Custom Theme](#) > Step 2 of 2: Using Themes in Visual Studio

In this step, you'll add the custom theme to your application.

1. Open a form belonging to your application in the Visual Studio's forms designer. In this example we will open a ComponentOne WinForms sample, **SimpleTextEditor2**.
2. Add the **C1ThemeController** from the toolbox onto your form.
3. Click on the C1ThemeController component's **Add theme...** action item. This will show a file open dialog. Select the theme file and click **OK**.
The selected theme will be added to your C# or VB project as an embedded resource in a **Themes** folder, and will be available for selection from the themes list provided by the C1ThemeController.
4. Run and observe your changes.

ThemeController Overview

C1ThemeController is a component that loads and manages ComponentOne visual themes and applies them to forms and controls. C1ThemeController can be used in any of the following ways:

- **Applies the same theme to all supporting ComponentOne controls in your application**
 - Use the [C1ThemeController.ApplicationTheme](#) property to accomplish this method.
- **Applies the same theme to all supporting ComponentOne controls on your form**
 - Use the [C1ThemeController.Theme](#) property to accomplish this method.
- **Applies a different theme to all supporting ComponentOne controls on your form**
 - Set the extender property 'Theme on c1ThemeController1' on individual controls on your form.

See Also

[Themeable ComponentOne WinForms Controls](#)

[Theme Concepts](#)

[Theme Sources](#)

[Theme Names](#)

[C1Themes and the Visual Style Property](#)

Themeable ComponentOne WinForms Controls

To effectively use Themes for WinForms you need the C1ThemeController component and the supported versions of the ComponentOne WinForms controls. The Theme designer application is not necessary for applying themes to your WinForms controls, but can be used to customize and/or create new themes.

Themes for WinForms supports the following **ComponentOne WinForms** controls:

ComponentOne WinForms Product	Controls
Chart for WinForms	C1Chart and C1Chart3D
FlexGrid for WinForms	C1FlexGrid
GanttView for WinForms	C1GanttView

Input for WinForms	C1Textbox, C1DateEdit, C1NumericEdit, C1DropDownControl, C1DbNavigator, C1CheckBox, C1Button, C1Label, C1PictureBox, C1SplitButton, C1ComboBox
InputPanel for WinForms	C1InputPanel
Menus and ToolBars for WinForms	C1DockingTab, C1MainMenu, C1ContextMenu, C1ToolBar, C1TopicBar, C1NavBar, C1OutBar, C1RadialMenu
Report for WinForms	C1Report, C1PrintPreview, C1PreviewPane, C1PreviewThumbnailView, C1PreviewOutlineView, C1PreviewTextSearchPanel, and C1PrintPreviewDialog. C1ReportDesigner
Ribbon for WinForms	C1Ribbon and C1StatusBar
Scheduler for WinForms	C1Schedule and C1Calendar
SplitContainer for WinForms	C1SplitContainer
SuperToolTip for WinForms	C1SuperToolTip, C1SuperErrorProvider, C1SuperLabel
TileControl for WinForms	C1TileControl
TrueDBGrid for WinForms	C1TrueDBGrid

Theme Concepts

A theme is an XML document (with the **.c1theme** extension when saved in a file) that contains a consistent set of values for properties determining the look and feel of supporting controls.

When applied to a form in an application (at runtime and/or design time, using the **C1ThemeController** component), the theme changes the look of controls on that form so that they all comply with the theme.

Internally, a theme is divided into sections corresponding to different ComponentOne products, so that each product only uses its own section when the theme is applied. This allows to provide a customized "themed" look for even the smallest and most specialized details of a control. Consistency within a theme is achieved via a mechanism of references, which enables properties such as colors and fonts in individual controls to reference a common repository accessible to all other sections of the theme, which is called the "Base Theme Properties". Properties in that repository are not directly applied to controls' properties, but they can be referenced by the theme author when specifying the actual properties used by the controls. Additionally, a theme includes a section that is used by **C1ThemeController** to apply the theme to standard WinForms forms and controls such as buttons and labels.

Theme Sources

In an application, themes can come from the following sources:

- Standard C1 themes embedded as resources into the C1.Win.C1Themes.2/4 assembly;
- Themes which you create using the C1ThemeDesigner application, and add as embedded resources into your own assemblies;
- Themes which are loaded at runtime from .c1theme file(s).

The first two theme sources are available at design time via the C1ThemeController properties and designer actions. At runtime, you can also load themes in code from .c1theme files on disk using methods available on the C1ThemeController component.

For example the following code shows how to programatically apply the built-in theme using the [Register](#) and [SetTheme](#) methods:

C#	Copy Code
<pre>//Register the theme file with the C1ThemeController; C1.Win.C1Themes.C1ThemeController.RegisterTheme(@"C:\Users\Documents\Visual Studio 2010\Projects\ThemesBuild6\ThemesBuild6\NewOffice2013White.c1theme"); //Apply it to a control and use the theme name this.c1ThemeController1.SetTheme(c1MainMenu1, "NewOffice2013White")</pre>	

Visual Basic	Copy Code
<pre>'Register the theme file with the C1ThemeController C1.Win.C1Themes.C1ThemeController.RegisterTheme("C:\Users\Documents\Visual Studio</pre>	

```
2010\Projects\ThemesBuild6\ThemesBuild6\NewOffice2013White.c1theme")
```

'Apply it to a control, use the theme name, not the file name

```
Me.c1ThemeController1.SetTheme(someControl, "NewOffice2013White")
```

Theme Names

In **C1Themes**, themes are identified by their names. Names are case-sensitive, and must be unique within an application.

Themes for WinForms includes the following regular theme names which are located in the **Themes** folder:

- BeigeOne.c1theme
- ExpressionDark.c1theme
- ExpressionLight.c1theme
- GreenHouse.c1theme
- Office2007Black.c1theme
- Office2007Silver.c1theme
- Office2010Black.c1theme
- Office2010Blue.c1theme
- Office2010Silver.c1theme
- Office2013DarkGray.c1theme
- Office2013LightGray.c1theme
- Office2013White.c1theme
- RanierOrange.c1theme
- ShinyBlue.c1theme
- Violette.c1theme
- VisualStyleOffice2010Black.c1theme
- VisualStyleOffice2010Blue.c1theme
- VisualStyleOffice2010Silver.c1theme
- VS2013Blue.c1theme
- VS2013Dark.c1theme
- VS2013DarkSolar.c1theme
- VS2013Green.c1theme
- VS2013Light.c1theme
- VS2013Purple.c1theme
- VS2013Red.c1theme
- VS2013Tan.c1theme
- MacBlue.c1theme
- MacSilver.c1theme
- Office2010Barbie.c1theme
- Office2010Green.c1theme
- Office2010Red.c1theme
- Office2013Green.c1theme
- Office2013Grey.c1theme
- Office2013HighContrast.c1theme

- Office2013Red.c1theme
- Windows8Blue.c1theme
- Windows8Brown.c1theme
- Windows8Gray.c1theme
- Windows8Green.c1theme
- Windows8Red.c1theme

Themes for WinForms includes the following non-regular theme names:

- "(default)": specifies the default theme in the current context;
- "(none)": specifies that no theme should be applied.

C1Themes and the Visual Style Property

Many **ComponentOne WinForms** controls include a property called **VisualStyle**, of an enum type defined in the control assembly, but following a common naming pattern for the type and possible values. Typically, the enum type is called **VisualStyle**, with values such as **Office2010Blue**, **Office2010Black**, and so on. C1Themes are designed to provide a more powerful and flexible mechanism for adjusting the look of controls. Still there is obvious overlap between the two mechanisms, with the possibility of conflicts. The rules for dealing with this overlap are as follows:

- Theme sections for all C1 controls include a VisualStyle property that can be specified by the theme.
- By default and in all supplied themes, those properties are set to 'Custom' so that the VisualStyle does not interfere with applying other properties.
- Setting VisualStyle in a theme to anything other than custom sets the corresponding property on the target control and disables applying all other theme properties. (In the C1ThemeDesigner, this actually disables the rest of the theme tree for the control.)

While we recognize that backward compatibility or other considerations may require the use of VisualStyle rather than themes to customize the look of your application, we recommend that if possible you use C1Themes as they provide a more powerful and flexible mechanism for that. Support for visual styles in new controls will be phased out as themes will replace it

Design-Time Support

C1ThemeController includes a smart tag and dialog boxes to simplify design-time tasks when using the **C1ThemeController** component.

The following topics describe how to use C1ThemeController's design-time environment to configure C1ThemeController.

See Also

[C1ThemeController Context Menu](#)

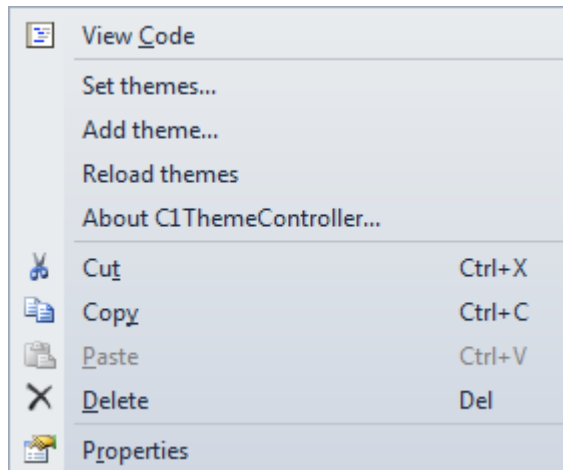
[C1ThemeController Smart Tag](#)

C1ThemeController Context Menu

[ThemeController Overview](#) > [Design-Time Support](#) > C1ThemeController Context Menu

The **C1ThemeController** component provides a context menu for additional functionality to use at design time.

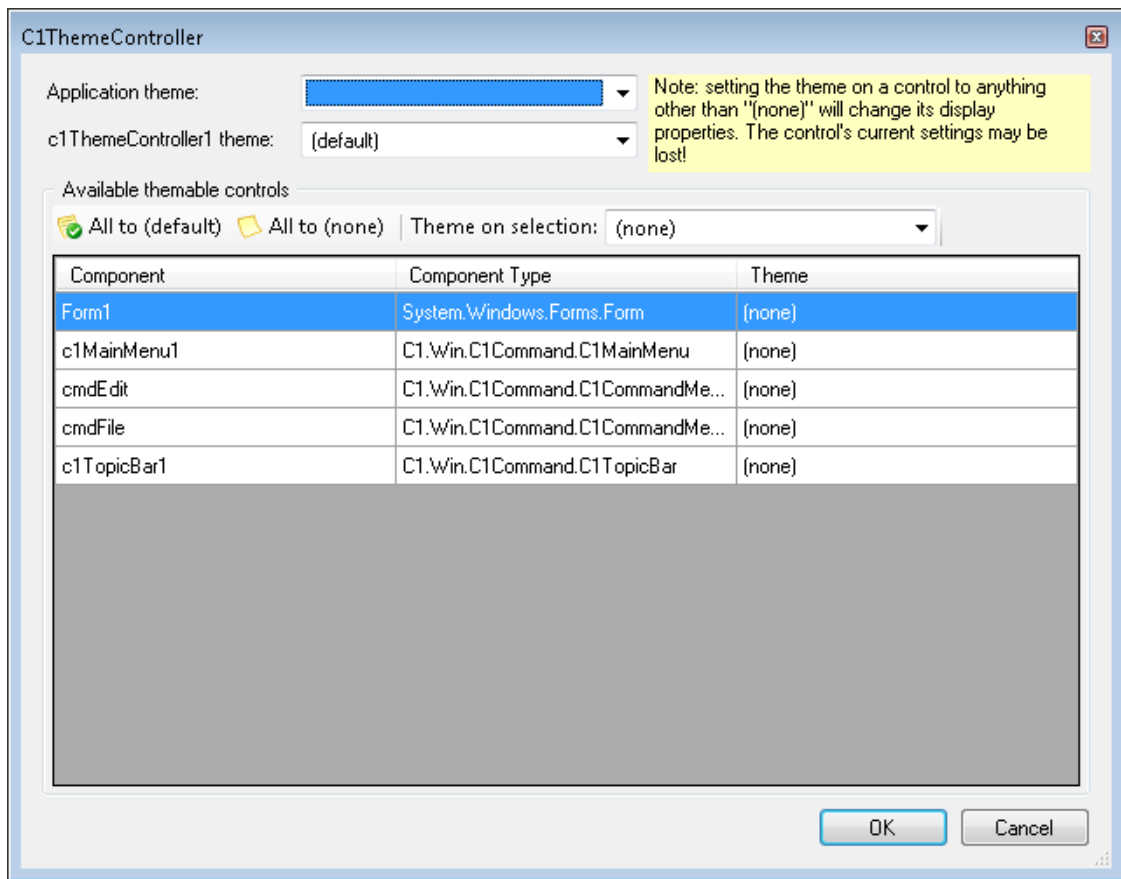
To access C1ThemeController's context menu, right-click on the C1ThemeController control and the context menu for it appears like the following:



The C1ThemeController Context menu operates as follows:

Set themes..

Clicking **Set themes...** opens the **C1ThemeController** dialog box. For more information see [C1ThemeController Dialog Box](#).



Add theme...

Clicking **Add theme...** opens the **Select Theme** dialog box where you can browse to the location of your theme and add it to the C1ThemeController. Once you select your theme, it will be registered to your project and in Visual Studio a Themes folder will appear in the Solution Explorer. Once the theme has been added you apply it to the Theme or ApplicationTheme properties.

Reload themes

Clicking **Reload themes** reloads all themes used by the current application.

About C1ThemeController..

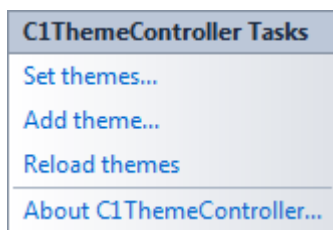
Clicking **About C1ThemeController** reveals the **About ComponentOne** dialog box. This dialog box displays the version number and licensing information for the **ComponentOne ThemeController** product.

C1ThemeController Smart Tag

[ThemeController Overview](#) > [Design-Time Support](#) > C1ThemeController Smart Tag

In Visual Studio, the C1ThemeController component in Themes for WinForms includes a smart tag. A smart tag represents a short-cut tasks menu that provides the most commonly used properties in each control.

To access the **C1ThemeController Tasks** menu, click the smart tag in the upper right corner of the **C1ThemeController** component. This will open the **C1ThemeController Tasks** menu.



The **C1ThemeController Tasks** menu operates as follows:

- Set themes..

Clicking **Set themes...** opens the **C1ThemeController** dialog box. For more information see [C1Theme Controller Dialog Box](#).

- Add theme...

Clicking **Add theme...** opens the **Select Theme** dialog box where you can browse to the location of your theme and add it to the C1ThemeController. Once you select your theme, it will be registered to your project and in Visual Studio a Themes folder will appear in the Solution Explorer. Once the theme has been added you apply it to the Theme or ApplicationTheme properties.

- Reload themes

Clicking **Reload themes** reloads all themes used by the current application.

- About C1ThemeController..

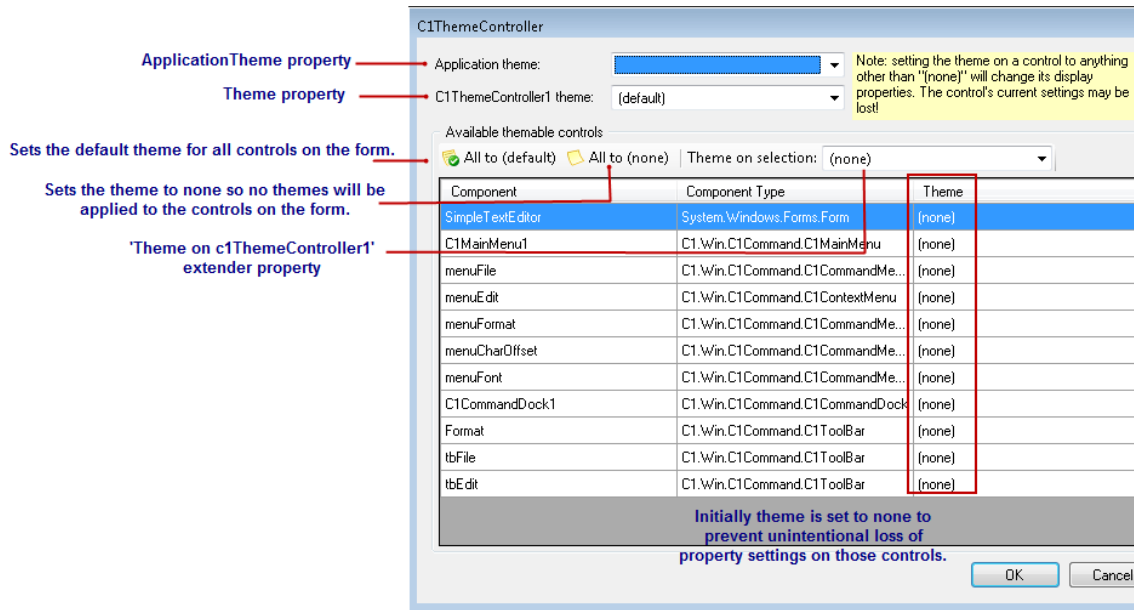
Clicking **About C1ThemeController** reveals the **About ComponentOne** dialog box. This dialog box displays the version number and licensing information for the **ComponentOne ThemeController** product.

C1ThemeController Dialog Box

[ThemeController Overview](#) > [Design-Time Support](#) > C1ThemeController Dialog Box

Once you drag and drop the C1ThemeController 2.0 component onto the component tray a C1ThemeController dialog box appears. The ThemeController dialog box is used to quickly to apply the theme to all themeable controls in the application, all themeable controls on the form, or different themes on different controls.

The following image illustrates the main properties used to theme your application:



If you have themeable controls on your form before you add the C1ThemeController the dialog box lists all of the components on your form. Each control/component is initially set to none to prevent unintentional loss of property settings on those controls.

The following items in the C1ThemeController dialog box function as follows:

- Application theme dropdown listbox - Used to specify the application-wide (default) theme. The name of this theme is stored in the App.config file.
- C1ThemeController1 theme: dropdown listbox - Specifies the default theme for the current C1ThemeController. The value "(default)" indicates that the application-wide theme specified by ApplicationTheme will be used.
- Theme on selection: dropdown listbox - A 'Theme on c1ThemeController1' extender property is added to all supporting controls on the form. When set to a specific theme name, this property will apply that theme to the current control regardless of the theme controller's default theme. This allows to apply different themes to different controls on the same form if needed. This property supports two special values: 'default' and 'none'. The default value implies that the default theme specified for the C1ThemeController on the current form will be used for this control. 'None' implies no theme will be applied to this control.
- All to (default) button - Sets the default theme for all controls on the form.
- Add to (none) button - Sets the theme to none so no themes will be applied to the controls on the form.

C1Theme Designer Application

Overview

Easily design new themes for any of the controls in **Studio for WinForms** controls using the **C1ThemeDesigner** application. When the C1ThemeDesigner.2.exe is opened a TopicBar appears:



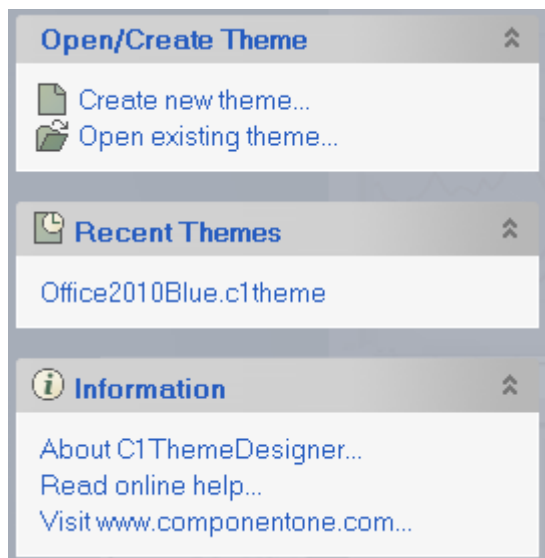
The Topic Bar includes the following groups:

Open/Create Theme

In the **Open/Create Theme** group can do either one of the following:

- **Create new theme...** - Clicking this item opens the **New Theme** dialog box.
- **Open existing theme...** - Clicking this item opens the **Open Theme** dialog box where you last saved your recent theme. Select the theme and then click **Open**. The existing theme will be opened in the **Theme Designer**.
- **Recent Themes**

The recent themes lists the themes you have recently created using the Theme designer.



- **Information**

An information group box provides information about the product, C1ThemeDesigner, and a link to the online help.



The **ThemeDesigner** includes a Ribbon menu which consists of a **File** tab and a **Main** tab.

See Also

[Theme Designer Ribbon Menu](#)

[Theme Designer Dialog Boxes](#)

[Adding New Property in Theme Tree](#)

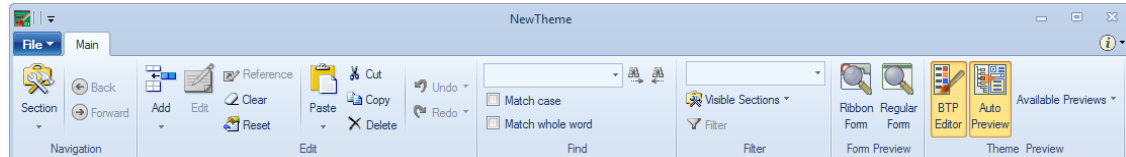
[Navigating Property Items in Theme Tree](#)

[Searching and Filtering Property Items in Theme Tree](#)

[Specifying Theme Property by Reference](#)

Theme Designer Ribbon Menu

In this topic you will explore the different commands in C1Theme designer ribbon.



The ComponentOne Theme Designer has two tabs: **File** and **Main**.

See Also

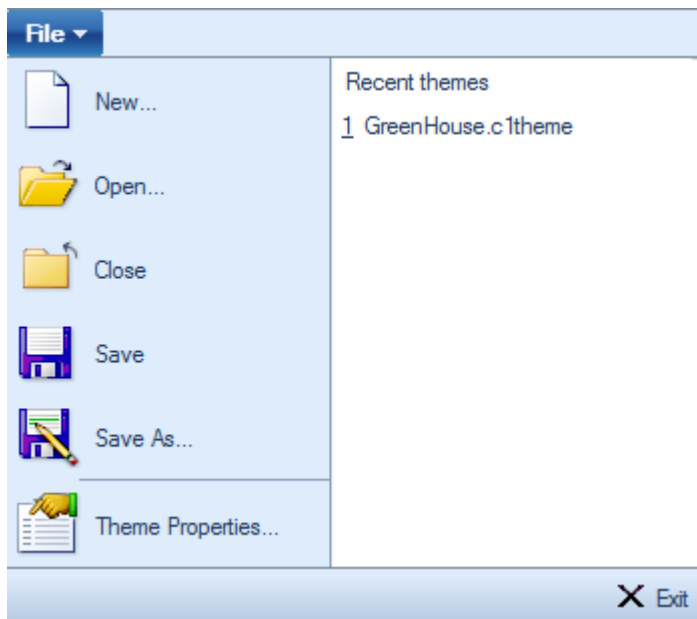
[File Tab](#)

[Main Tab](#)

File Tab

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > File Tab

The File menu includes the following options: **New...**, **Open...**, **Close**, **Save**, and **Save As**. Recent themes that were created appear to the right under **Recent themes**.



The **File** menu operates as follows:

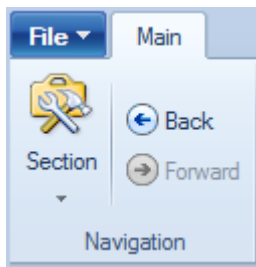
Command Button	Description
New...	Opens the New Theme dialog box where you can create a new theme from scratch or base it on an existing theme file.
Open...	Opens the Open Theme dialog box where you can open your existing .c1theme file.
Close	Closes the current theme, but keeps the Theme designer open.
Save	Saves the current theme.
Save As...	Saves the current theme in a different file.
Theme Properties...	Opens the Edit theme dialog box where you can view or edit theme name and other properties.

Main Tab

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > Main Tab

The Main tab includes the following groups **Navigation**, **Edit**, **Search**, **Filter**, and **Preview**.

Navigation Group

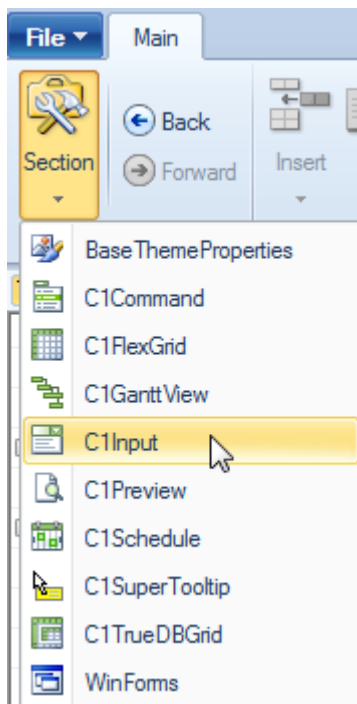


In the **Navigation** group you can quickly navigate the **Theme tree** by selecting the section you wish to edit from the **Section** menu. The Navigation group consists of the following command buttons:

Command Button	Description
Section	Go directly to the theme section for a specific product.
Back	Go back in history to the next position in the theme tree.
Forward	Go forward in history to the next position in the theme tree.

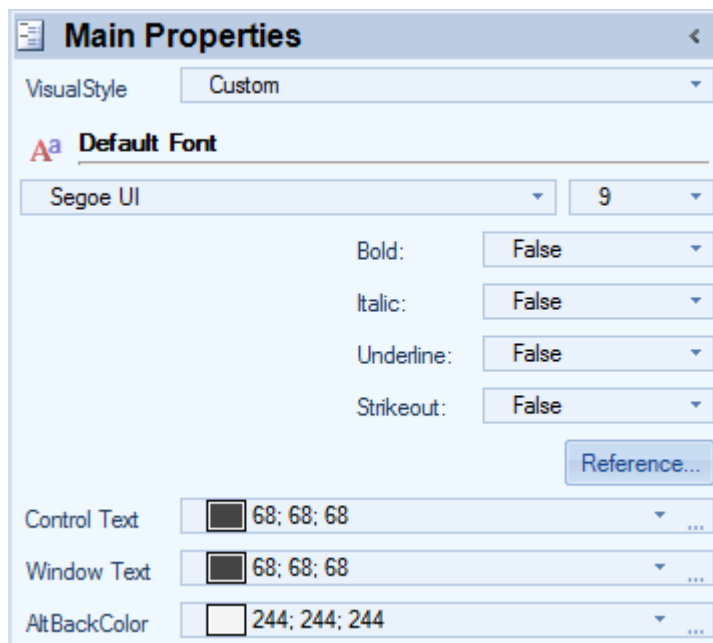
Section Menu

In the **Section** menu you can choose what section of the Theme tree you wish to edit such as Base theme properties, C1Command, C1FlexGrid, C1GanttView, C1Input, C1Preview, C1Schedule, C1SuperToolTip, C1TrueDBGrid, and WinForms.



Base theme properties View

When the Base theme properties section is selected the **Main Properties Navigation Bar** appears to the right of the **Theme tree**.



The Navigation Bar includes three categories: **Main Properties**, **Styles**, and **Clickable Styles**.

Main Properties

In the **Main Properties** category you can modify the FontStyle properties for the Default Font, Control Text, and Window Text items.

Styles


In the Styles button you can modify the **Font**, **Background**, **ForeColor**, and **BorderColor** properties for the **Header**, **Content**, **Highlighted text**, and **Disabled text** items.

The 'Styles' dialog box is divided into four sections, each with a tab and a corresponding style name in a button:


- Header** (Header button):
 - Font: Segoe UI; 9
 - Background: Solid (white)
 - Fore color: 68; 68; 68
 - Border color: 212; 212; 212
 - Reference...
- Content** (Content button):
 - Font: Segoe UI; 9
 - Background: Solid (white)
 - Fore color: 68; 68; 68
 - Border color: 101; 101; 101
 - Reference...
- Highlight** (Highlight button):
 - Font: Segoe UI; 9
 - Background: Solid (blue)
 - Fore color: Highlight Text (white)
 - Border color: 62; 179; 245
 - Reference...
- Disabled** (Disabled button):
 - Font: Segoe UI; 9
 - Background: Solid (light gray)
 - Fore color: 152; 152; 152
 - Border color: 201; 207; 212
 - Reference...

Clickable Styles

In the Clickable Styles category you can modify the Font, Background, ForeColor, and BorderColor properties for the Default, Hot, Pressed, and Hot & Pressed items.




Clickable Styles



Default

Default


Font:



Segoe UI; 9

...


Background:



Solid

...


Fore color:



68; 68; 68

...


Border color:



212; 212; 212

...


Reference...



Hot

Hot


Font:



Segoe UI; 9

...


Background:



Solid

...


Fore color:



68; 68; 68

...


Border color:



209; 209; 209

...


Reference...



Pressed

Pressed


Font:



Segoe UI; 9

...


Background:



Solid

...


Fore color:



White

...


Border color:



Silver

...


Reference...



Hot & Pressed

Hot & Pressed


Font:



Segoe UI; 9

...


Background:



Solid

...


Fore color:



White

...

Border color:



Silver

...

See Also

Edit Group

Find Group

Filter Group

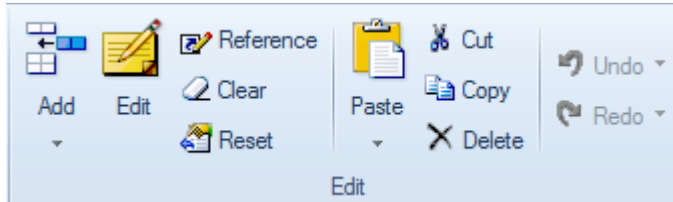
Form Preview

Theme Preview

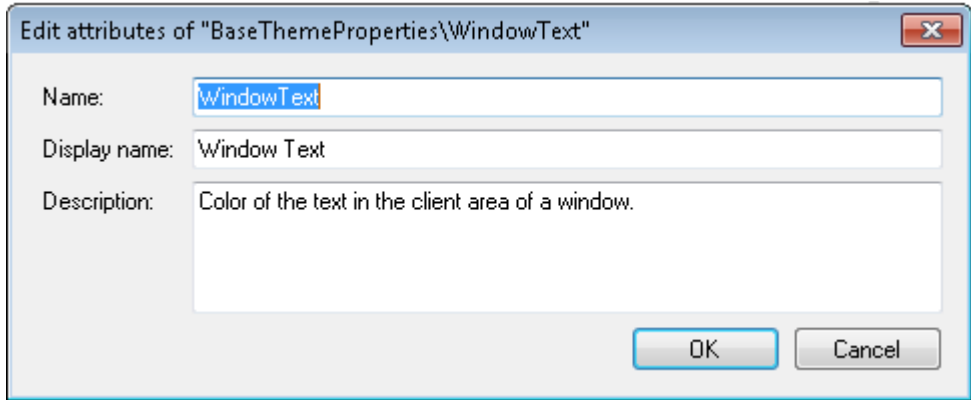
Edit Group

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > [Main Tab](#) > Edit Group

The **Edit Group** in the Ribbon menu of the **C1ThemeDesigner** appears like the following:



The following command buttons are included in the **Edit** group:

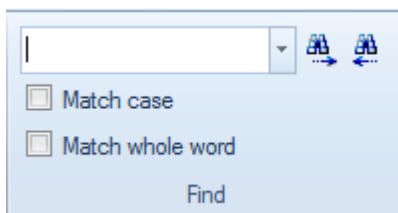
Command Button	Description
Add	The Add command is active when any of the items in the Base Theme Properties section are selected. Click on the Add button to open a submenu of command items. Below command adds the new property immediately below the selected property. Above command adds the new property immediately above the selected property. As Child add the new property as a child of the selected property.
Edit	Edits the attributes (name etc.) of the current Base Theme Properties tree item. The Edit command is active when any of the items in the Base Theme Properties section are selected. Select an item in the Base Theme Properties that you wish to edit and then click on the Edit button. Clicking on the Edit button opens the dialog box: 
Reference	Clicking on the Reference command button opens the Edit Reference dialog box

	where you can edit, add, or remove the selected reference on the theme tree item.
Clear	Clears the property value on the selected theme tree item.
Reset	Resets the property value on the selected theme tree item.
Paste	Pastes the item into the Base Theme properties tree. Click on the Paste button to open a submenu of command items: Paste after, Paste before, Paste as child, and Paste value. The Paste after pastes the properties after the selected property. Paste before pastes the properties before the selected property. Paste as child pastes properties as child for the selected property. Paste value replaces the value of selected properties with data from the clipboard.
Cut	Cuts the selected Base Theme properties item(s) and puts them on the clipboard.
Copy	Copies the selected Base Theme tree properties item(s) and puts them on the clipboard.
Delete	Deletes the selected Base Theme tree properties item(s).
Undo	Undo the last edit.
Redo	Redo the last undone edit.

Find Group

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > [Main Tab](#) > Find Group

The Find groupbox includes a Find textbox, Find Next command button, Find Previous command button, Match case checkbox, and Match whole word checkbox.



The items in the **Find** group operate as follows:

Item	Description
------	-------------

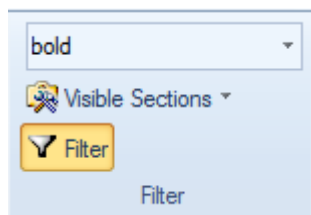
Find textbox	Finds the nodes with names matching the search string in the theme tree.
Find Next	Finds the next property with a matching name in the theme tree.
Find Previous	Find the previous property with a matching name in the theme tree.
Match case	Treats all search queries as case-sensitive.
Match whole word	Finds the exact word that you enter in the search textbox.

For more information see [Searching and Filtering Property Items in Theme Tree](#).

Filter Group

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > [Main Tab](#) > Filter Group

The Filter group appears on the Theme designer's Main ribbon menu.



The following table describes each item inside the Filter Group:

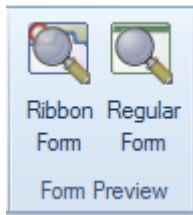
Item	Description
Name Filter textbox	Filters nodes visible in the theme tree by property names.
Visible Sections	Select which sections to show in the theme tree.
Filter button	Turn the property name in the theme tree on or off.

For more information see [Searching and Filtering Property Items in Theme Tree](#).

Form Preview

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > [Main Tab](#) > Form Preview

The Form Preview groupbox appears on the Theme designer's Ribbon menu. Two buttons appear in the Form preview groupbox: Ribbon Form and Regular Form.



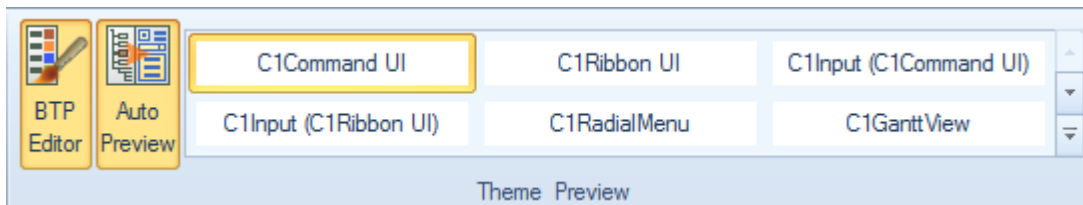
The following table describes each item inside the **Form Preview**:

Item	Description
Ribbon Form	Preview current theme applied to C1Controls (C1FlexGrid, C1Schedule, C1TrueDBGrid) in a C1RibbonForm. This opens in a new window.
Regular Form	Preview current theme applied to C1Controls (C1FlexGrid, C1Schedule, C1TrueDBGrid) in a WinForms with C1Command UI elements. This opens in a new window.

Theme Preview

[C1Theme Designer Application Overview](#) > [Theme Designer Ribbon Menu](#) > [Main Tab](#) > Theme Preview

The Form Preview groupbox appears on the Theme designer's Ribbon menu.



The following table describes each item inside the **Form Preview**:

Item	Description
BTP Editor	Preview current theme applied to C1Controls (C1FlexGrid, C1Schedule, C1TrueDBGrid) in a C1RibbonForm. This opens in a new window.

Auto Preview	Preview current theme applied to C1Controls (C1FlexGrid, C1Schedule, C1TrueDBGrid) in a WinForms with C1Command UI elements. This opens in a new window.
C1Command UI	Preview current theme applied to various C1Controls (C1TrueDBGrid, C1FlexGrid, C1Schedule) with C1Command menu and other UI elements.
C1Ribbon UI	Preview current theme applied to various C1Controls (C1TrueDBGrid, C1FlexGrid, C1Schedule) with a Ribbon-based UI.
C1Input (C1Command UI)	Preview current theme applied to various C1Input controls with C1Command menus and other UI elements.
C1Input (C1Ribbon UI)	Preview current theme applied to various C1Input controls with a C1Ribbon-based UI.
C1RadialMenu	Preview current theme applied to a C1RadialMenu.
C1GanttView	Preview current theme applied to a C1GanttView.
C1Report	Preview current theme applied to C1Report print preview controls.
C1SuperTooltip	Preview current theme applied to C1SuperTooltip and C1SuperLabel.
WinForms Controls	Preview current theme applied to

	standard winform controls.
--	----------------------------

Theme Designer Dialog Boxes

[C1Theme Designer Application Overview](#) > Theme Designer Dialog Boxes

ComponentOne Theme Designer provides the following dialog box:

- [New Theme Dialog Box](#)
- [Add Property Dialog Box](#)

See Also

[New Theme Dialog Box](#)

[New Property Dialog Box](#)

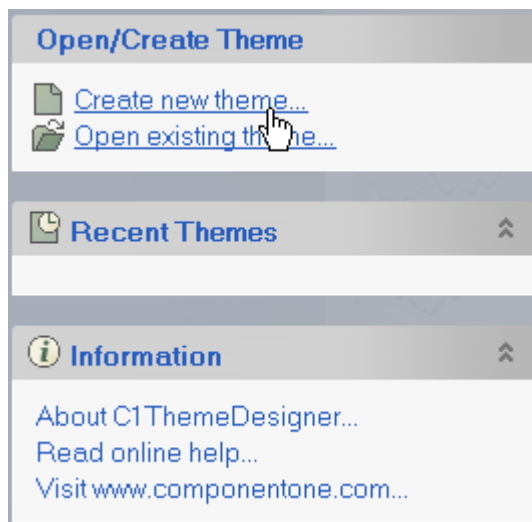
New Theme Dialog Box

[C1Theme Designer Application Overview](#) > [Theme Designer Dialog Boxes](#) > New Theme Dialog Box

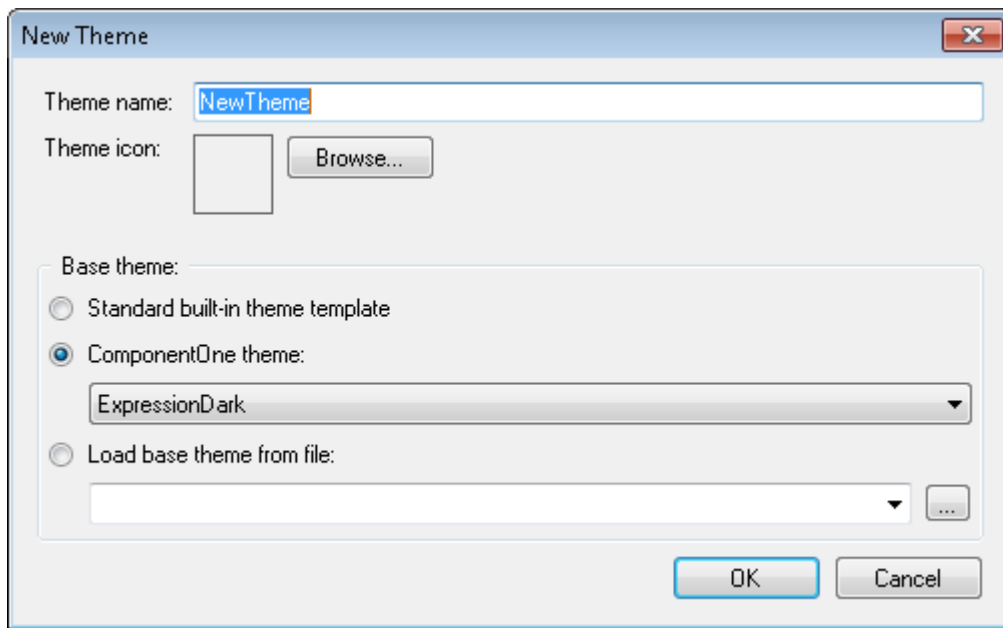
The New Theme dialog box can be used to create a new theme.

To Access the New Theme Dialog Box

Click on the **Create New Theme...** link in the Topic Bar:



The New Theme dialog box appears:



The **New Theme** dialog box consists of the following items:

- **Theme name:** - A textbox is provided for you to enter the name of your new theme.
- **Theme icon:** Initially an empty picturebox appears and is filled when you click the Browse button to open your theme icon.
- **Base Theme:** -Choose from one of the following three items to base your theme from:
 - Standard built-in theme template
 - ComponentOne theme – Select from one of the existing built-in themes.
 - Load base theme file: You can open an existing base theme you created to add it to your WinForms theme. When you enter a Theme name in the **Theme name:** textbox the new Theme name will appear at the top of the Theme Designer:

New Property Dialog Box

[C1Theme Designer Application Overview](#) > [Theme Designer Dialog Boxes](#) > New Property Dialog Box

When you click on the **Add** command button from the Edit group, the **New Property** dialog box appears:

You can specify the name, property type, caption and description for the new property. For more information see [Adding New Property in Theme Tree](#).

Adding New Property in Theme Tree

[C1Theme Designer Application Overview](#) > Adding New Property in Theme Tree

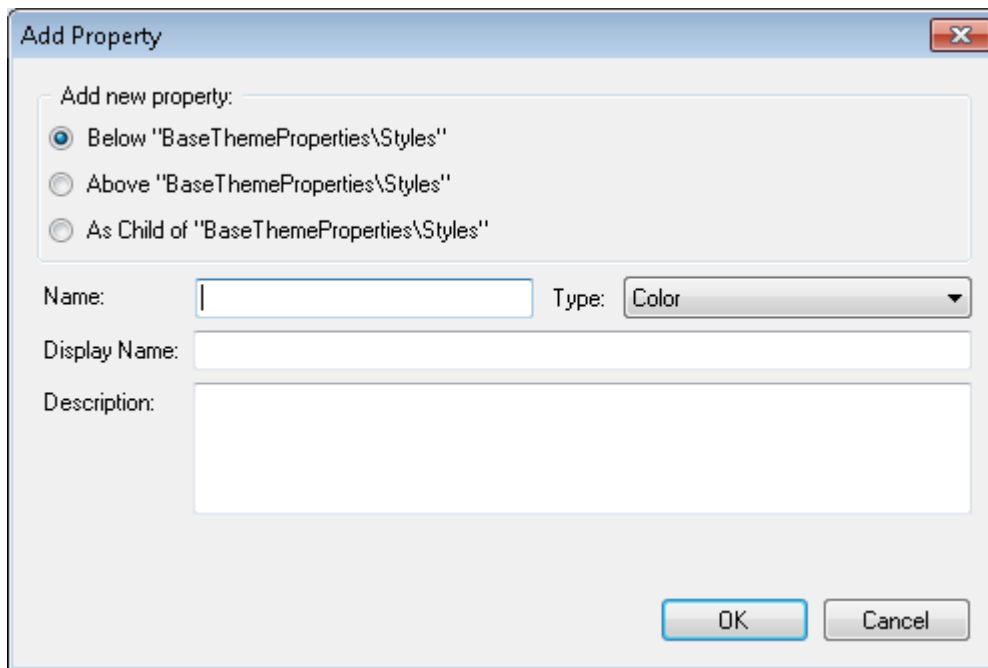
A new property can be inserted at a specific position in the Theme tree via the **Add** command button from the **Edit** group in the C1Theme Designer Ribbon menu.

To add a new property in the Theme Tree, complete the following:

1. Open the C1Theme designer and create a new theme based from any of the office themes such as **Office2010Blue**.
2. Select the **Styles** under the **BaseThemeProperties**.
3. Click **Below** from the **Add** dropdown menu in the **Edit** group.

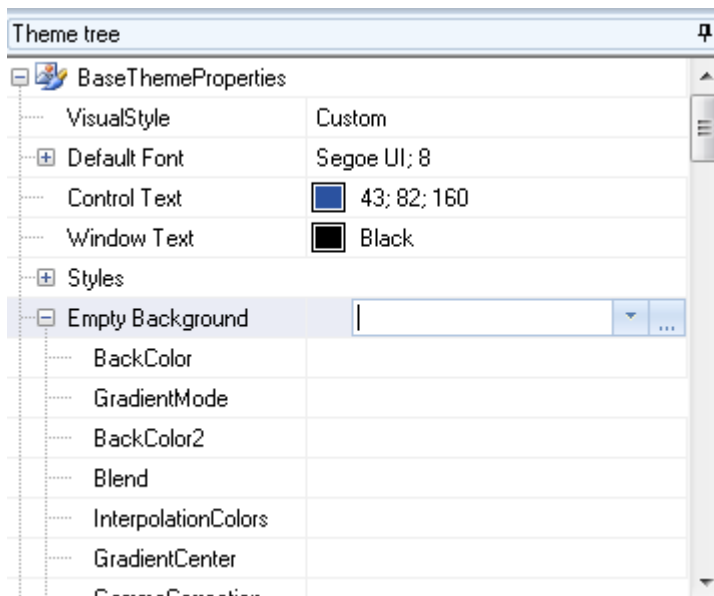


The **Add Property** dialog box appears:



4. Enter Emptybackground in the **Name:** textbox.
5. Select Background from the **Type** dropdown listbox.
6. In the **Description** richtextbox enter "Background for empty window areas."
7. Click **OK** in the **Add Property** dialog box.

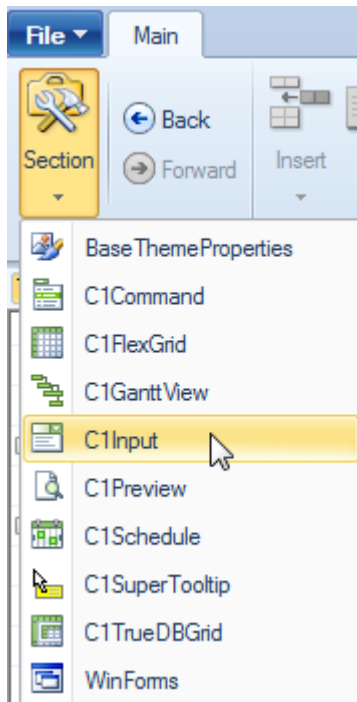
The new property, Emptybackground, appears below the Styles property in the BaseThemeProperties Theme Tree.



Navigating Property Items in Theme Tree

[C1Theme Designer Application Overview](#) > Navigating Property Items in Theme Tree

To quickly navigate to a section in the Theme tree, click on the dropdown arrow and select the section you wish to navigate in the Theme tree.



Clicking the **Back** button will move back to the last item selected in the Theme tree. Clicking the **Forward** button will move to the next item in the Theme tree.

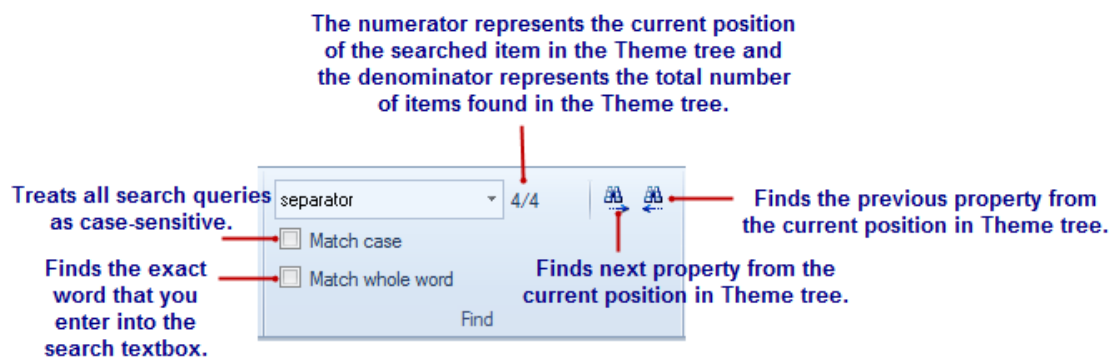
Searching and Filtering Property Items in Theme Tree

[C1Theme Designer Application Overview](#) > Searching and Filtering Property Items in Theme Tree

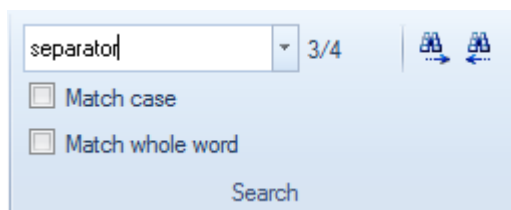
The C1Theme Designer has a **Search** and **Filter** group. Use the **Search** textbox when you know what you want to find and use the **Filter** textbox when you don't know exactly what you want to find. Filtering is beneficial when you need to find common information.

Find Group

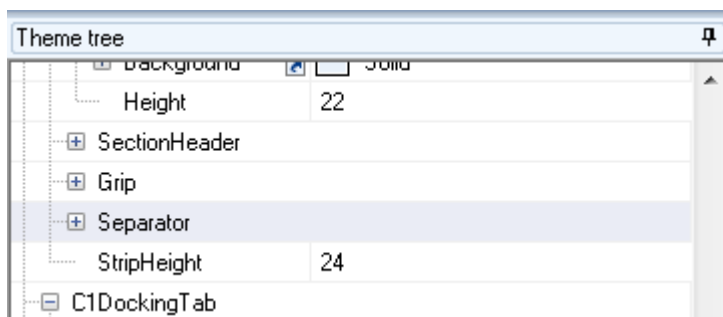
The following illustration labels each command inside the **Find** group.



When you type something into the **Search** textbox, it automatically searches for the the first few letters and once it finds a match, the node or item in the Theme tree is highlighted and ready for your edit. If the highlighted item in the Theme tree is not the property you want to edit then you can click the Find next property or Find previous property button.

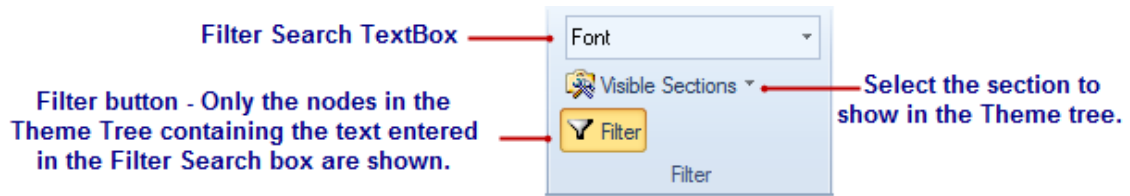


The following image illustrates the item, **Separator**, found in the **Theme** tree.



Filter Group

The following illustration labels each command inside the **Filter** group.



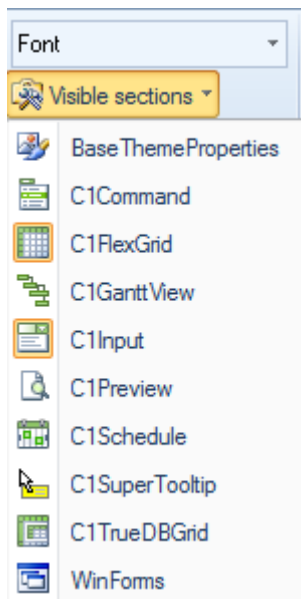
How to use the Filter:

To use the filter, complete the following:

Enter a property name like, **Font**, in the **Filter** search textbox.

Only the nodes in the Theme tree containing that text are shown.

Click the dropdown arrow in the **Visible sections** dropdown listbox and deselect all items except, **C1FlexGrid** and **C1Input**.



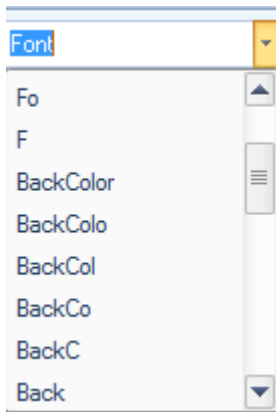
Click the **Filter** button in the **Filter** group.

This will expand the **C1FlexGrid** section with only the **Font** properties showing and the **C1Input** section with only the **Font** properties showing.

Note: When the Filter button is enabled the button will appear highlighted.

How to view past filters:

Past filters go into the history which can be brought up by clicking the dropdown in the Filter textbox. The following example shows the past filters:

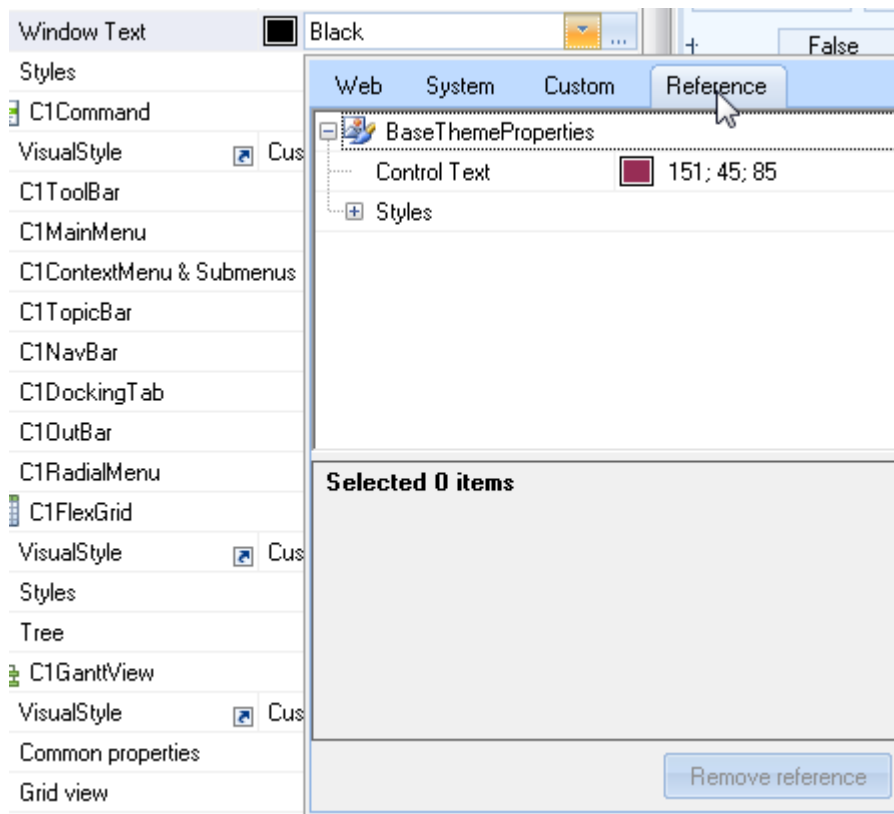


Specifying Theme Property by Reference

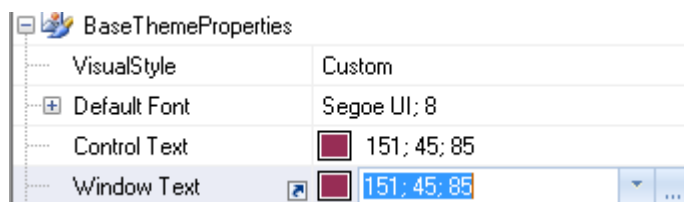
[C1Theme Designer Application Overview](#) > Specifying Theme Property by Reference

To specify a theme property by reference, complete the following:

1. Double-click on the C1ThemeDesigner from the C:\Program Files\ComponentOne\Studio for WinForms\bin\v2\Designer folder.
2. Click on **Create New Theme** from the Topic Bar. The **New Theme** dialog box appears.
3. Select the Standard built-in theme template and enter BlueandPink for the theme Name and Click **OK**.
4. Select **Control Text** from the BaseThemeProperties in the Theme tree.
5. Click on the Control Text dropdown arrow and click the **Custom** tab.
6. Set the **BackColor** to **151; 45; 85**.
7. Click on the dropdown arrow next to **Window Text** and select the **Reference** tab.
8. Select the **Control Text** in the Reference tab.



Notice the icon appears as a visual indicator that the **Window Text** property is referenced from the BaseThemeProperties **Control Text**.



API Reference

The following topics contain the API reference for Themes for WinForms.

See Also

[C1.Win.C1Themes.4 Assembly](#)

C1.Win.C1Themes.4 Assembly

Overview

Namespaces

Namespace	Description
C1.Win.C1Themes	

Remarks

Namespaces





C1.Win.C1Themes Namespace

Overview

[Inheritance Hierarchy](#)

[C1.Win.C1Themes.4 Assembly](#) : C1.Win.C1Themes Namespace

Classes

	Class	Description
	C1Theme	Represents a theme that can be applied to WinForms controls to modify their appearance.
	C1ThemeCollection	Represents a collection of C1Theme objects, keyed by their names.
	C1ThemeController	Represents a component that loads and manages C1 visual themes, and applies them to forms and controls.
	C1ThemeVersion	Represents theme XML format's, and theme assembly's version info.

See Also

Reference

[C1.Win.C1Themes.4 Assembly](#)

Classes

C1Theme

[Members](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1Theme Class

Represents a theme that can be applied to WinForms controls to modify their appearance.

Object Model

C1Theme

Syntax

Visual Basic (Declaration)	
Public Class C1Theme Inherits ThemeItem	
C#	
public class C1Theme : ThemeItem	

Inheritance Hierarchy

System.Object
 C1.Win.C1Themes.C1Theme

Requirements

See Also

Reference

[C1Theme Members](#)
[C1.Win.C1Themes Namespace](#)

Overview

[Members](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1Theme Class

Represents a theme that can be applied to WinForms controls to modify their appearance.

Object Model

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Visual Basic (Declaration)	
Public Class C1Theme Inherits ThemeItem	
C#	
public class C1Theme : ThemeItem	

Inheritance Hierarchy

System.Object
 C1.Win.C1Themes.C1Theme

Requirements

See Also

Reference

[C1Theme Members](#)
[C1.Win.C1Themes Namespace](#)


Members

[Properties](#) [Methods](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1Theme Class







The following tables list the members exposed by [C1Theme](#).

Public Constructors

	Name	Description
	C1Theme Constructor	Initializes a new instance of the C1Theme class.






[Top](#)

Public Properties

	Name	Description
	Attrs	Overridden. Gets the theme attributes.
 S	FormatVersion	
	Icon	Gets or sets the theme icon.
	OriginalThemeVersion	Gets an original theme version that was defined in loaded xml.
 S	Template	For internal use. Gets an internal theme template.
 S	ThemeVersion	

[Top](#)

Public Methods

	Name	Description
	ApplyThemeToControlTree	Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).
	ApplyThemeToObject	Applies a theme to an object. The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for which basic theming is provided by this library.
	AssignAttrsFrom	Overridden.
	AssignFrom	Overridden. Loads the current theme from a ThemeItem .
	GetBlend	Gets a System.Drawing.Drawing2D.Blend specified by a path.

≡	GetBool	Overloaded. Gets a boolean value specified by a path.
≡	GetColor	Overloaded. Gets a System.Drawing.Color value specified by a path.
≡	GetColorBlend	Gets a System.Drawing.Drawing2D.ColorBlend specified by a path.
≡	GetDouble	Gets a double value specified by a path.
≡	GetEnum	Overloaded. Gets an enumeration value specified by a path.
≡	GetEnumStr	Gets a string representation of an enumeration value specified by a path.
≡	GetFont	Overloaded. Gets a System.Drawing.Font specified by a path.
≡	GetImage	Overloaded. Gets an image specified by a path.
≡	GetInt	Overloaded. Gets an integer value specified by a path.
≡	GetPoint	Gets a System.Drawing.Point specified by a path.
≡	GetString	Gets a string specified by a path.
≡	S GetThemeName	Overloaded. Retrieves the name of a theme stored in a stream.
≡	GetThickness	Gets a System.Windows.Forms.Padding specified by a path.
≡	GetUsedFonts	Retrieves names of all fonts used in the current theme.
≡	HasValue	<p>Tests whether a path specifies a value.</p> <p>Note that a path may be empty (i.e. IsEmpty returns true) and still specify a value via a reference on one of its parents</p>

		(i.e. this method will return true).
≡💎	IsEmpty	Checks whether the specified path contains neither a value nor a reference.
≡💎	IsTreeEmpty	Overloaded. Recursively checks whether the specified path including all its children contain neither values nor references.
≡💎	Load	Overloaded. Loads the current theme from a stream.
≡💎	Save	Overloaded. Saves the current theme to a stream.

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See Also

Reference

[C1Theme Class](#)

[C1.Win.C1Themes Namespace](#)

C1Theme Constructor

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : C1Theme Constructor

Initializes a new instance of the C1Theme class.

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public C1Theme()	

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

Methods


[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1Theme Class

For a list of all members of this type, see [C1Theme members](#).

Public Methods

	Name	Description
≡💎	ApplyThemeToControlTree	Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).
≡💎	ApplyThemeToObject	Applies a theme to an object. The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for which basic theming is provided by this library.
≡💎	AssignAttrsFrom	Overridden.
≡💎	AssignFrom	Overridden. Loads the current theme from a ThemeItem .
≡💎	GetBlend	Gets a System.Drawing.Drawing2D.Blend specified by a path.
≡💎	GetBool	Overloaded. Gets a boolean value specified by a path.
≡💎	GetColor	Overloaded. Gets a System.Drawing.Color value specified by a path.
≡💎	GetColorBlend	Gets a System.Drawing.Drawing2D.ColorBlend specified by a path.
≡💎	GetDouble	Gets a double value specified by a path.
≡💎	GetEnum	Overloaded. Gets an enumeration value specified by a path.

≡	GetEnumStr	Gets a string representation of an enumeration value specified by a path.
≡	GetFont	Overloaded. Gets a System.Drawing.Font specified by a path.
≡	GetImage	Overloaded. Gets an image specified by a path.
≡	GetInt	Overloaded. Gets an integer value specified by a path.
≡	GetPoint	Gets a System.Drawing.Point specified by a path.
≡	GetString	Gets a string specified by a path.
≡ S	GetThemeName	Overloaded. Retrieves the name of a theme stored in a stream.
≡	GetThickness	Gets a System.Windows.Forms.Padding specified by a path.
≡	GetUsedFonts	Retrieves names of all fonts used in the current theme.
≡	HasValue	<p>Tests whether a path specifies a value.</p> <p>Note that a path may be empty (i.e. IsEmpty returns true) and still specify a value via a reference on one of its parents (i.e. this method will return true).</p>
≡	IsEmpty	Checks whether the specified path contains neither a value nor a reference.
≡	IsTreeEmpty	Overloaded. Recursively checks whether the specified path including all its children contain neither values nor references.
≡	Load	Overloaded. Loads the current theme from a stream.

	Save	Overloaded. Saves the current theme to a stream.
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[Top](#)

See Also

Reference

[C1Theme Class](#)

[C1.Win.C1Themes Namespace](#)

ApplyThemeToControlTree Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) :

ApplyThemeToControlTree Method

The root control to apply the theme to.

Predicate which, if specified, allows to break theme application on certain nodes in the tree if it returns false.

Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).

Syntax

Visual Basic (Declaration)	
<pre>Public Sub ApplyThemeToControlTree(_ ByVal root As System.Windows.Forms.Control, _ Optional ByVal applyThemeToSubTree As System.Predicate(Of Control) _)</pre>	
C#	
<pre>public void ApplyThemeToControlTree(System.Windows.Forms.Control root, System.Predicate<Control> applyThemeToSubTree)</pre>	

Parameters

root

The root control to apply the theme to.

applyThemeToSubTree

Predicate which, if specified, allows to break theme application on certain nodes in the tree if it returns false.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

ApplyThemeToObject Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : ApplyThemeToObject Method

The object to apply the theme to.

Applies a theme to an object.

The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for which basic theming is provided by this library.

Syntax

Visual Basic (Declaration)	
<pre>Public Function ApplyThemeToObject(_ ByVal obj As System.Object _) As System.Boolean</pre>	
C#	
<pre>public System.bool ApplyThemeToObject(System.object obj)</pre>	

Parameters

obj

The object to apply the theme to.

Return Value

True if the theme was successfully applied, false otherwise (i.e. if the object does not support theming).

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

AssignAttrsFrom Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : AssignAttrsFrom Method

Syntax

Visual Basic (Declaration)

```
Public Overrides Sub AssignAttrsFrom( _  
    ByVal source As ThemeItem _  
)
```

C#

```
public override void AssignAttrsFrom(  
    ThemeItem source  
)
```

Parameters

source

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

AssignFrom Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : AssignFrom Method

The source theme item.

Loads the current theme from a **ThemeItem**.

Syntax

Visual Basic (Declaration)

```
Public Overrides Sub AssignFrom( _  
    ByVal source As ThemeItem _  
)
```


C#	
<pre>public override void AssignFrom(ThemeItem source)</pre>	

Parameters

source

The source theme item.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetBlend Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetBlend Method

The target path.

Gets a **System.Drawing.Drawing2D.Blend** specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetBlend(_ ByVal path As System.String _) As System.Drawing.Drawing2D.Blend</pre>	
C#	
<pre>public System.Drawing.Drawing2D.Blend GetBlend(System.string path)</pre>	

Parameters

path

The target path.

Return Value

The blend specified by [path](#).

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetBool Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetBool Method

Gets a boolean value specified by a path.

Overload List

Overload	Description
GetBool(String)	Gets a boolean value specified by a path.
GetBool(String,Boolean)	Gets a boolean value specified by a path.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetBool(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetBool Method](#) :
GetBool(String) Method

The target path.

Gets a boolean value specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function GetBool(_ ByVal <i>path</i> As System.String _) As System.Boolean</pre>	
C#	
<pre>public System.bool GetBool(</pre>	

```
System.string path
)
```

Parameters

path

The target path.

Return Value

The boolean value specified by [path](#).

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetBool(String,Boolean) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetBool Method](#) :

GetBool(String,Boolean) Method

The target path.

Used if value at specified path does not exist.

Gets a boolean value specified by a path.

Syntax

Visual Basic (Declaration)

```
Public Overloads Function GetBool( _  
    ByVal path As System.String, _  
    ByVal defaultValue As System.Boolean _  
) As System.Boolean
```

C#

```
public System.bool GetBool(  
    System.string path,  
    System.bool defaultValue  
)
```

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Return Value

The boolean value specified by [path](#) or %% if value at specified path does not exist.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetColor Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetColor Method

Gets a **System.Drawing.Color** value specified by a path.

Overload List

Overload	Description
GetColor(String)	Gets a System.Drawing.Color value specified by a path.
GetColor(String,Color)	Gets a System.Drawing.Color value specified by a path.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetColor(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetColor Method](#) :
GetColor(String) Method

The target path.

Gets a **System.Drawing.Color** value specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function GetColor(_ ByVal <i>path</i> As System.String _) As System.Drawing.Color</pre>	
C#	
<pre>public System.Drawing.Color GetColor(System.string <i>path</i>)</pre>	

Parameters

path

The target path.

Return Value

The color specified by *path*.

See Also

Reference

- [C1Theme Class](#)
- [C1Theme Members](#)
- [Overload List](#)

GetColor(String,Color) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetColor Method](#) :

GetColor(String,Color) Method

The target path.

Used if value at specified path does not exist.

Gets a **System.Drawing.Color** value specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function GetColor(_ ByVal <i>path</i> As System.String, _</pre>	

ByVal <i>defaultValue</i> As System.Drawing.Color _) As System.Drawing.Color	
C#	
public System.Drawing.Color GetColor(System.string <i>path</i> , System.Drawing.Color <i>defaultValue</i>)	

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Return Value

The color specified by [path](#) or %% if value at specified path does not exist.

See Also

Reference

- [C1Theme Class](#)
- [C1Theme Members](#)
- [Overload List](#)

GetColorBlend Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetColorBlend Method

The target path.

Gets a **System.Drawing.Drawing2D.ColorBlend** specified by a path.

Syntax

Visual Basic (Declaration)	
Public Function GetColorBlend(_ ByVal <i>path</i> As System.String _) As System.Drawing.Drawing2D.ColorBlend	
C#	

```
public System.Drawing.Drawing2D.ColorBlend GetColorBlend(
    System.string path
)
```

Parameters

path

The target path.

Return Value

The color blend specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetDouble Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetDouble Method

The target path.

Gets a double value specified by a path.

Syntax

Visual Basic (Declaration)

```
Public Function GetDouble( _
    ByVal path As System.String _
) As System.Double
```

C#

```
public System.double GetDouble(
    System.string path
)
```

Parameters

path

The target path.

Return Value

The double value specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetEnumerator Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetEnumerator Method

Gets an enumeration value specified by a path.

Overload List

Overload	Description
GetEnumerator(String)	Gets an enumeration value specified by a path.
GetEnumerator<T>(String,T)	Gets an enumeration value specified by a path.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetEnumerator(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > GetEnumerator Method : GetEnumerator(String) Method

The target path.

Gets an enumeration value specified by a path.

Syntax

Visual Basic (Declaration)	
Public Overloads Function GetEnumerator(_ ByVal <i>path</i> As System.String _) As System.Object	
C#	


```
public System.object GetEnum(  
    System.string path  
)
```

Parameters

path

The target path.

Return Value

The enum value specified by [path](#).

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetEnum<T>(String,T) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetEnum Method](#) :

GetEnum<T>(String,T) Method

The target path.

Used if value at specified path does not exist.

Gets an enumeration value specified by a path.

Syntax

Visual Basic (Declaration)

```
Public Overloads Function GetEnum(Of T)( _  
    ByVal path As System.String, _  
    ByVal defaultValue As T _  
) As T
```

C#

```
public T GetEnum<T>(   
    System.string path,  
    T defaultValue  
)
```

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Type Parameters

T

Return Value

The enum value specified by [path](#) or %% if value at specified path does not exist.

See Also

Reference

- [C1Theme Class](#)
- [C1Theme Members](#)
- [Overload List](#)

GetEnumStr Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetEnumStr Method

The target path.

Gets a string representation of an enumeration value specified by a path.

Syntax

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

Parameters

path

The target path.

Return Value

The enum string specified by [path](#).

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetFont Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetFont Method

Gets a **System.Drawing.Font** specified by a path.

Overload List

Overload	Description
GetFont(String)	Gets a System.Drawing.Font specified by a path.
GetFont(String,Font)	Gets a System.Drawing.Font specified by a path.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetFont(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetFont Method](#) :
GetFont(String) Method

The target path.

Gets a **System.Drawing.Font** specified by a path.

Syntax

Visual Basic (Declaration)	
Public Overloads Function GetFont(_ ByVal <i>path</i> As System.String _	

```
) As System.Drawing.Font
```

C#

```
public System.Drawing.Font GetFont(  
    System.string path  
)
```

Parameters

path

The target path.

Return Value

The font specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

[Overload List](#)

GetFont(String,Font) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetFont Method](#) :

GetFont(String,Font) Method

The target path.

Used if value at specified path does not exist.

Gets a **System.Drawing.Font** specified by a path.

Syntax

Visual Basic (Declaration)

```
Public Overloads Function GetFont( _  
    ByVal path As System.String, _  
    ByVal defaultValue As System.Drawing.Font _  
) As System.Drawing.Font
```

C#

```
public System.Drawing.Font GetFont(  

```

```
System.string path,  
System.Drawing.Font defaultValue  
)
```

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Return Value

The font specified by [path](#) or %% if font at specified path does not exist.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetImage Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetImage Method

Gets an image specified by a path.

Overload List

Overload	Description
GetImage(String)	Gets an image specified by a path.
GetImage(String,Image)	Gets an image specified by a path.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)

GetImage(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetImage Method](#) :

GetImage(String) Method

The target path.

Gets an image specified by a path.

Syntax

Visual Basic (Declaration)	
Public Overloads Function GetImage(_ ByVal <i>path</i> As System.String _) As System.Drawing.Image	
C#	
public System.Drawing.Image GetImage(System.string <i>path</i>)	

Parameters

path

The target path.

Return Value

The image specified by [path](#), or null.

See Also

Reference

- [C1Theme Class](#)
- [C1Theme Members](#)
- [Overload List](#)

GetImage(String,Image) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetImage Method](#) :

GetImage(String,Image) Method

The target path.

Used if value at specified path does not exist.

Gets an image specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function GetImage(_ ByVal <i>path</i> As System.String, _ ByVal <i>defaultValue</i> As System.Drawing.Image _) As System.Drawing.Image</pre>	
C#	
<pre>public System.Drawing.Image GetImage(System.string <i>path</i>, System.Drawing.Image <i>defaultValue</i>)</pre>	

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Return Value

The image specified by [path](#) or %% if image at specified path does not exist.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetInt Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetInt Method

Gets an integer value specified by a path.

Overload List

Overload	Description
GetInt(String)	Gets an integer value specified by a path.

GetInt(String,Int32)	Gets an integer value specified by a path.
--------------------------------------	--

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

[GetInt\(String\) Method](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetInt Method](#) :

[GetInt\(String\) Method](#)

The target path.

Gets an integer value specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function GetInt(_ ByVal <i>path</i> As System.String _) As System.Integer</pre>	
C#	
<pre>public System.int GetInt(System.string <i>path</i>)</pre>	

Parameters

path

The target path.

Return Value

The integer value specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

[Overload List](#)

GetInt(String,Int32) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetInt Method](#) :

GetInt(String,Int32) Method

The target path.

Used if value at specified path does not exist.

Gets an integer value specified by a path.

Syntax

Visual Basic (Declaration)

```
Public Overloads Function GetInt( _  
    ByVal path As System.String, _  
    ByVal defaultValue As System.Integer _  
) As System.Integer
```

C#

```
public System.int GetInt(  
    System.string path,  
    System.int defaultValue  
)
```

Parameters

path

The target path.

defaultValue

Used if value at specified path does not exist.

Return Value

The integer value specified by [path](#) or %% if value at specified path does not exist.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetPoint Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetPoint Method

The target path.

Gets a **System.Drawing.Point** specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetPoint(_ ByVal <i>path</i> As System.String _) As System.Drawing.Point</pre>	
C#	
<pre>public System.Drawing.Point GetPoint(System.string <i>path</i>)</pre>	

Parameters

path

The target path.

Return Value

The point specified by *path*.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetString Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetString Method

The target path.

Gets a string specified by a path.

Syntax

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

```
Public Function GetString( _
    ByVal path As System.String _
) As System.String
```

C#

```
public System.string GetString(
    System.string path
)
```

Parameters

path

The target path.

Return Value

The string specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetThemeName Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetThemeName Method

Retrieves the name of a theme stored in a stream.

Overload List

Overload	Description
GetThemeName(Stream)	Retrieves the name of a theme stored in a stream.
GetThemeName(String)	Retrieves the name of a theme stored in a stream.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetThemeName(Stream) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetThemeName Method](#) : GetThemeName(Stream) Method

The stream containing the theme XML.

Retrieves the name of a theme stored in a stream.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Shared Function GetThemeName(_ ByVal stream As System.IO.Stream _) As System.String</pre>	
C#	
<pre>public static System.string GetThemeName(System.IO.Stream stream)</pre>	

Parameters

stream

The stream containing the theme XML.

Return Value

The name of the theme, or null if no theme could be found in the stream.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetThemeName(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [GetThemeName Method](#) : GetThemeName(String) Method

The file containing the theme XML.

Retrieves the name of a theme stored in a stream.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Shared Function GetThemeName(_ ByVal <i>fileName</i> As System.String _) As System.String</pre>	
C#	
<pre>public static System.string GetThemeName(System.string <i>fileName</i>)</pre>	

Parameters

fileName

The file containing the theme XML.

Return Value

The name of the theme, or null if no theme could be found in the file.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

GetThickness Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetThickness Method

The target path.

Gets a **System.Windows.Forms.Padding** specified by a path.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetThickness(_ ByVal <i>path</i> As System.String _) As System.Windows.Forms.Padding</pre>	
C#	
<pre>public System.Windows.Forms.Padding GetThickness(</pre>	

```
System.string path
)
```

Parameters

path

The target path.

Return Value

The padding specified by [path](#).

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

GetUsedFonts Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : GetUsedFonts() Method

Retrieves names of all fonts used in the current theme.

Syntax

Visual Basic (Declaration)	
Public Function GetUsedFonts() As System.String()	
C#	
public System.string[] GetUsedFonts()	

Return Value

An array of strings containing names of all fonts used in the current theme.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

HasValue Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : HasValue Method

The path to test.

Tests whether a path specifies a value.

Note that a path may be empty (i.e. [IsEmpty](#) returns true) and still specify a value via a reference on one of its parents (i.e. this method will return true).

Syntax

Visual Basic (Declaration)	
<pre>Public Function HasValue(_ ByVal <i>path</i> As System.String _) As System.Boolean</pre>	
C#	
<pre>public System.bool HasValue(System.string <i>path</i>)</pre>	

Parameters

path

The path to test.

Return Value

True if the path specifies a value, false otherwise.

See Also

Reference

- [C1Theme Class](#)
- [C1Theme Members](#)

IsEmpty Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : IsEmpty Method

The target path.

Checks whether the specified path contains neither a value nor a reference.

Syntax

Visual Basic (Declaration)	
<pre>Public Function IsEmpty(_</pre>	

ByVal <i>path</i> As System.String _) As System.Boolean	
C#	
<pre>public System.bool IsEmpty(System.string <i>path</i>)</pre>	

Parameters

path

The target path.

Requirements

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

IsTreeEmpty Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : IsTreeEmpty Method

Recursively checks whether the specified path including all its children contain neither values nor references.

Overload List

Overload	Description
IsTreeEmpty(String)	Recursively checks whether the specified path including all its children contain neither values nor references.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

IsTreeEmpty(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [IsTreeEmpty Method](#) :
IsTreeEmpty(String) Method

The target path.

Recursively checks whether the specified path including all its children contain neither values nor references.

Syntax

Visual Basic (Declaration)	
<pre>Public Overloads Function IsTreeEmpty(_ ByVal <i>path</i> As System.String _) As System.Boolean</pre>	
C#	
<pre>public System.bool IsTreeEmpty(System.string <i>path</i>)</pre>	

Parameters

path

The target path.

Return Value

True if neither the path, nor any of its children contain values or references, false otherwise.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

Load Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : Load Method

Loads the current theme from a stream.

Overload List

Overload	Description
Load(Stream)	Loads the current theme from a stream.
Load(String)	Loads the current theme from a file.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

Load(Stream) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [Load Method](#) :

Load(Stream) Method

The source stream.

Loads the current theme from a stream.

Syntax

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

Parameters

stream

The source stream.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

Load(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [Load Method](#) :

Load(String) Method

The source file name.

Loads the current theme from a file.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Load( _  
    ByVal fileName As System.String _  
)
```

C#

```
public void Load(  
    System.string fileName  
)
```

Parameters

fileName

The source file name.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

Save Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : [Save Method](#)

Saves the current theme to a stream.

Overload List

Overload	Description
Save(Stream)	Saves the current theme to a stream.
Save(String)	Saves the current theme to a file.

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

Save(Stream) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [Save Method](#) :

Save(Stream) Method

The target stream.

Saves the current theme to a stream.

Syntax

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

Parameters

stream

The target stream.

See Also

Reference

[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

Save(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) > [Save Method](#) :

Save(String) Method

The target file name.

Saves the current theme to a file.

Syntax

Visual Basic (Declaration)

```
Public Overloads Sub Save( _  
    ByVal fileName As System.String _  
)
```

C#

```
public void Save(  
    System.string fileName  
)
```

Parameters

fileName

The target file name.

See Also

Reference







[C1Theme Class](#)
[C1Theme Members](#)
[Overload List](#)

Properties

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : [C1Theme Class](#)

For a list of all members of this type, see [C1Theme members](#).

Public Properties

	Name	Description
	Attrs	Overridden. Gets the theme attributes.
	FormatVersion	
	Icon	Gets or sets the theme icon.
	OriginalThemeVersion	Gets an original theme version that was defined in loaded xml.
	Template	For internal use. Gets an internal theme template.
	ThemeVersion	

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See Also

Reference

[C1Theme Class](#)

[C1.Win.C1Themes Namespace](#)

Attrs Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : Attrs Property

Gets the theme attributes.

Syntax

Visual Basic (Declaration)	
Public Overrides ReadOnly Property Attrs As ThemeItemAttrs	
C#	
public override ThemeItemAttrs Attrs {get;}	

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

FormatVersion Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : FormatVersion Property

Syntax

Visual Basic (Declaration)	
Public Shared ReadOnly Property FormatVersion As System.Version	
C#	
public static System.Version FormatVersion {get;}	

Requirements

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

Icon Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : Icon Property

Gets or sets the theme icon.

Syntax

Visual Basic (Declaration)	
Public Property Icon As System.Drawing.Icon	
C#	
public System.Drawing.Icon Icon {get; set;}	

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

OriginalThemeVersion Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : OriginalThemeVersion Property

Gets an original theme version that was defined in loaded xml.

Syntax

Visual Basic (Declaration)	
Public ReadOnly Property OriginalThemeVersion As C1ThemeVersion	
C#	
public C1ThemeVersion OriginalThemeVersion {get;}	

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

Template Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : Template Property

For internal use. Gets an internal theme template.

Syntax

Visual Basic (Declaration)	
Public Shared ReadOnly Property Template As C1Theme	
C#	
public static C1Theme Template {get;}	

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

ThemeVersion Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1Theme Class](#) : ThemeVersion Property

Syntax

Visual Basic (Declaration)

```
Public Shared ReadOnly Property ThemeVersion As C1ThemeVersion
```

C#

```
public static C1ThemeVersion ThemeVersion {get;}
```

See Also

Reference

[C1Theme Class](#)

[C1Theme Members](#)

C1ThemeCollection

[Members](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeCollection Class

Represents a collection of [C1Theme](#) objects, keyed by their names.

Object Model

C1ThemeCollection

Syntax

Visual Basic (Declaration)

```
Public Class C1ThemeCollection  
    Inherits System.Collections.ObjectModel.KeyedCollection(Of String,C1Theme)
```

C#

```
public class C1ThemeCollection :  
    System.Collections.ObjectModel.KeyedCollection<string,C1Theme>
```

Inheritance Hierarchy

System.Object

System.Collections.ObjectModel.Collection<T>

System.Collections.ObjectModel.KeyedCollection<TKey,TItem>

C1.Win.C1Themes.C1ThemeCollection

See Also

Reference

[C1ThemeCollection Members](#)
[C1.Win.C1Themes Namespace](#)

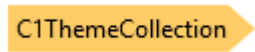
Overview

[Members](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeCollection Class

Represents a collection of [C1Theme](#) objects, keyed by their names.

Object Model



Syntax

Visual Basic (Declaration)	
<pre>Public Class C1ThemeCollection Inherits System.Collections.ObjectModel.KeyedCollection(Of String,C1Theme)</pre>	
C#	
<pre>public class C1ThemeCollection : System.Collections.ObjectModel.KeyedCollection<string,C1Theme></pre>	

Inheritance Hierarchy

System.Object
 System.Collections.ObjectModel.Collection<T>
 System.Collections.ObjectModel.KeyedCollection<TKey,TItem>
 C1.Win.C1Themes.C1ThemeCollection

See Also

Reference


[C1ThemeCollection Members](#)
[C1.Win.C1Themes Namespace](#)

Members

[Properties](#) [Methods](#)




The following tables list the members exposed by [C1ThemeCollection](#).

Public Constructors

	Name	Description
	C1ThemeCollection Constructor	






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Public Properties

	Name	Description
	Comparer	(Inherited from System.Collections.ObjectModel.KeyedCollection<string,C1Theme>)
	Count	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
	Item	Overloaded. (Inherited from System.Collections.ObjectModel.KeyedCollection<string,C1Theme>)

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Public Methods

	Name	Description
	Add	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
	Clear	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
	Contains	Overloaded. (Inherited from System.Collections.ObjectModel.KeyedCollection<string,C1Theme>)
	CopyTo	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
	IndexOf	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)

 Insert	(Inherited from <code>System.Collections.ObjectModel.Collection<C1Theme></code>)
 Remove	Overloaded. (Inherited from <code>System.Collections.ObjectModel.KeyedCollection<string,C1Theme></code>)
 RemoveAt	(Inherited from <code>System.Collections.ObjectModel.Collection<C1Theme></code>)
 TryGetValue	Retrieves a theme by its name.

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See Also

Reference

[C1ThemeCollection Class](#)

[C1.Win.C1Themes Namespace](#)

C1ThemeCollection Constructor

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeCollection Class](#) :

C1ThemeCollection Constructor

Syntax

Visual Basic (Declaration)	
<code>Public Function New()</code>	
C#	
<code>public C1ThemeCollection()</code>	

See Also

Reference

[C1ThemeCollection Class](#)

[C1ThemeCollection Members](#)

Methods

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeCollection Class

For a list of all members of this type, see [C1ThemeCollection members](#).

Public Methods

	Name	Description
⇒	Add	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	Clear	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	Contains	Overloaded. (Inherited from System.Collections.ObjectModel.KeyedCollection<string,C1Theme>)
⇒	CopyTo	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	IndexOf	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	Insert	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	Remove	Overloaded. (Inherited from System.Collections.ObjectModel.KeyedCollection<string,C1Theme>)
⇒	RemoveAt	(Inherited from System.Collections.ObjectModel.Collection<C1Theme>)
⇒	TryGetValue	Retrieves a theme by its name.

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See Also

Reference

[C1ThemeCollection Class](#)

[C1.Win.C1Themes Namespace](#)

TryGetValue Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeCollection Class](#) : TryGetValue Method

The name of the theme to get.

OUT: the theme with the specified name, or null if none could be found.

Retrieves a theme by its name.

Syntax

Visual Basic (Declaration)	
<pre>Public Function TryGetValue(_ ByVal key As System.String, _ ByRef theme As C1Theme _) As System.Boolean</pre>	
C#	
<pre>public System.bool TryGetValue(System.string key, out C1Theme theme)</pre>	

Parameters

key

The name of the theme to get.

theme

OUT: the theme with the specified name, or null if none could be found.

Return Value

True if the theme was found, false otherwise.

See Also

Reference

[C1ThemeCollection Class](#)
[C1ThemeCollection Members](#)

C1ThemeController

[Members](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

Represents a component that loads and manages C1 visual themes, and applies them to forms and controls.

Object Model

C1ThemeController

Syntax

Visual Basic (Declaration)	
<pre>Public Class C1ThemeController Inherits System.ComponentModel.Component</pre>	
C#	
<pre>public class C1ThemeController : System.ComponentModel.Component</pre>	

Inheritance Hierarchy

System.Object
 System.MarshalByRefObject
 System.ComponentModel.Component
 C1.Win.C1Themes.C1ThemeController

See Also

Reference

[C1ThemeController Members](#)

[C1.Win.C1Themes Namespace](#)

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[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

Represents a component that loads and manages C1 visual themes, and applies them to forms and controls.

Object Model

C1ThemeController

Syntax

Visual Basic (Declaration)	
<pre>Public Class C1ThemeController Inherits System.ComponentModel.Component</pre>	
C#	
<pre>public class C1ThemeController : System.ComponentModel.Component</pre>	

Inheritance Hierarchy

System.Object
System.MarshalByRefObject
System.ComponentModel.Component
C1.Win.C1Themes.C1ThemeController

See Also

Reference

[C1ThemeController Members](#)
[C1.Win.C1Themes Namespace](#)


Members

[Fields](#) [Properties](#) [Methods](#) [Events](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class



The following tables list the members exposed by [C1ThemeController](#).

Public Constructors

	Name	Description
	C1ThemeController Constructor	Initializes a new instance of the C1ThemeController class.

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Public Fields

	Name	Description
	DefaultThemeName	The default theme name id. When assigned to the Theme property of a theme controller, indicates that it should use the default application theme.
	NoTheme	The empty theme name id. When assigned to the "Theme" extender property (provided by C1ThemeController) on a control, indicates that no theme should be applied to that control by the theme controller.

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Public Properties









	Name	Description
 S	ApplicationTheme	<p>Gets or sets the application-wide default theme name.</p> <p>All theme controllers which have "(default)" set as Theme property value will use this theme.</p> <p>This name is persisted with key "C1ApplicationTheme" in the application config file (app.config).</p>
	Container	(Inherited from System.ComponentModel.Component)
	Site	(Inherited from System.ComponentModel.Component)
	Theme	Gets or sets the name of the default theme for all objects on the form or user control managed by the current theme controller.

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Public Methods

	Name	Description
 S	ApplyThemeToControlTree	<p>Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).</p>
 S	ApplyThemeToObject	<p>Applies a theme to an object.</p> <p>The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for</p>





		which basic theming is provided by this library.
≡💎 S	ContainsTheme	Checks whether a theme with a specified name has already been registered with the application.
≡💎	CreateObjRef	(Inherited from System.MarshalByRefObject)
≡💎	Dispose	(Inherited from System.ComponentModel.Component)
≡💎	GetLifetimeService	(Inherited from System.MarshalByRefObject)
≡💎	GetTheme	Gets the name of a theme set on an object by this theme controller.
≡💎 S	GetThemeByName	Retrieves a theme registered with the application, by its name.
≡💎 S	GetThemes	Retrieves the names of all themes registered with the application.
≡💎	InitializeLifetimeService	(Inherited from System.MarshalByRefObject)
≡💎 S	IsObjectThemeable	Checks whether an object supports ComponentOne themes.
≡💎 S	IsPreviewControllInsideC1PrintPreviewControl	
≡💎 S	IsThemeRegistered	Checks whether a theme with a specified name has been registered.



 	RegisterTheme	<p>Overloaded. Loads a theme from a stream, and registers it for use by theme controllers in the application.</p> <p>After this method completes, the theme can be set via ApplicationTheme and Theme properties.</p> <p>This method throws an exception if a theme with same name has already been registered.</p>
 	RegisterThemes	<p>Loads all themes from an assembly, and registers them for use by theme controllers in the current application.</p> <p>This method scans all resources in the specified assembly, and selects those with names ending in ".c1theme" (case insensitive). If a theme cannot be loaded (e.g. due to a duplicate name or other error), it is skipped (i.e. no exception is thrown).</p>
	SetTheme	Sets a theme name on an object.
	ToString	(Inherited from System.ComponentModel.Component)
 	UnregisterTheme	<p>Unregisters the theme with a specified name.</p> <p>This method does nothing if a matching theme could not be found.</p> <p>An exception is thrown if the specified</p>

		theme is currently in use.
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Public Events

	Name	Description
	ApplicationThemeChanged	Occurs after a new value has been assigned to the ApplicationTheme property.
	ApplicationThemeChanging	Occurs before a new value is assigned to the ApplicationTheme property.
	Disposed	(Inherited from <code>System.ComponentModel.Component</code>)
	ObjectThemeApplied	Occurs after a theme has been applied to an object managed by the current theme controller. See remarks for details.
	ObjectThemeApplying	Occurs when a theme is about to be applied to an object managed by the current theme controller. See remarks in ObjectThemeApplied for details.
	ObjectThemeChanged	Occurs after a theme on an object managed by the current theme controller has been changed. See remarks in ObjectThemeApplied for details.
	ObjectThemeChanging	Occurs when a theme on an object managed by the current theme controller is about to be changed.

		See remarks in ObjectThemeApplied for details.
	ThemeChanged	Occurs after a new value has been assigned to the Theme property.
	ThemeChanging	Occurs before a new value is assigned to the Theme property.

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See Also

Reference

[C1ThemeController Class](#)

[C1.Win.C1Themes Namespace](#)

C1ThemeController Constructor

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
C1ThemeController Constructor

Initializes a new instance of the C1ThemeController class.

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public C1ThemeController()	

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)








Methods

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

For a list of all members of this type, see [C1ThemeController members](#).

Public Methods

	Name	Description
⇒💎 S	ApplyThemeToControlTree	Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).
⇒💎 S	ApplyThemeToObject	Applies a theme to an object. The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for which basic theming is provided by this library.
⇒💎 S	ContainsTheme	Checks whether a theme with a specified name has already been registered with the application.
⇒💎	CreateObjRef	(Inherited from System.MarshalByRefObject)
⇒💎	Dispose	(Inherited from System.ComponentModel.Component)
⇒💎	GetLifetimeService	(Inherited from System.MarshalByRefObject)
⇒💎	GetTheme	Gets the name of a theme set on an object by this theme controller.
⇒💎 S	GetThemeByName	Retrieves a theme registered with the application, by its name.

≡  S	GetThemes	Retrieves the names of all themes registered with the application.
≡ 	InitializeLifetimeService	(Inherited from <code>System.MarshalByRefObject</code>)
≡  S	IsObjectThemeable	Checks whether an object supports ComponentOne themes.
≡  S	IsPreviewControllInsideC1PrintPreviewControl	
≡  S	IsThemeRegistered	Checks whether a theme with a specified name has been registered.
≡  S	RegisterTheme	<p>Overloaded. Loads a theme from a stream, and registers it for use by theme controllers in the application.</p> <p>After this method completes, the theme can be set via ApplicationTheme and Theme properties.</p> <p>his method throws an exception if a theme with same name has already been registered.</p>
≡  S	RegisterThemes	<p>Loads all themes from an assembly, and registers them for use by theme controllers in the current application.</p> <p>This method scans all resources in the specified assembly, and selects those with names ending in ".c1theme" (case insensitive). If a theme cannot be loaded (e.g. due to a duplicate name or other error), it is skipped (i.e. no exception is thrown).</p>

≡💎	SetTheme	Sets a theme name on an object.
≡💎	ToString	(Inherited from System.ComponentModel.Component)
≡💎 S	UnregisterTheme	<p>Unregisters the theme with a specified name.</p> <p>This method does nothing if a matching theme could not be found.</p> <p>An exception is thrown if the specified theme is currently in use.</p>

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See Also

Reference

[C1ThemeController Class](#)

[C1.Win.C1Themes Namespace](#)

ApplyThemeToControlTree Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ApplyThemeToControlTree Method

The root control to apply the theme to.

The theme to apply.

Predicate which, if specified, allows to break theme application on certain nodes in the tree if it returns false.

Recursively applies a theme to a control and its children. Controls that do not support themes are ignored (but the theme is applied to their children).

Syntax

Visual Basic (Declaration)


```
Public Shared Sub ApplyThemeToControlTree( _
    ByVal root As System.Windows.Forms.Control, _
    ByVal theme As C1Theme, _
    Optional ByVal applyThemeToSubTree As System.Predicate(Of Control) _
)
```

C#

```
public static void ApplyThemeToControlTree(
    System.Windows.Forms.Control root,
    C1Theme theme,
    System.Predicate<Control> applyThemeToSubTree
)
```

Parameters

root

The root control to apply the theme to.

theme

The theme to apply.

applyThemeToSubTree

Predicate which, if specified, allows to break theme application on certain nodes in the tree if it returns false.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

ApplyThemeToObject Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ApplyThemeToObject Method

The object to apply the theme to.

The theme to apply.

Applies a theme to an object.

The target object must be either a C1 control supporting themes, or a standard control (such as Button, Label etc) for which basic theming is provided by this library.

Syntax

Visual Basic (Declaration)

```
Public Shared Function ApplyThemeToObject( _  
    ByVal obj As System.Object, _  
    ByVal theme As C1Theme _  
) As System.Boolean
```

C#

```
public static System.bool ApplyThemeToObject(  
    System.object obj,  
    C1Theme theme  
)
```

Parameters

obj

The object to apply the theme to.

theme

The theme to apply.

Return Value

True if the theme was successfully applied, false otherwise (i.e. if the object does not support theming).

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

ContainsTheme Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ContainsTheme Method

The theme name to check.

Checks whether a theme with a specified name has already been registered with the application.

Syntax

Visual Basic (Declaration)	
<pre>Public Shared Function ContainsTheme(_ ByVal <i>themeName</i> As System.String _) As System.Boolean</pre>	
C#	
<pre>public static System.bool ContainsTheme(System.string <i>themeName</i>)</pre>	

Parameters

themeName

The theme name to check.

Return Value

True if a theme with the specified name has been registered, false otherwise.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

GetTheme Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) : GetTheme Method

The object to get the theme name for.

Gets the name of a theme set on an object by this theme controller.

Syntax

Visual Basic (Declaration)	
<pre>Public Function GetTheme(_ ByVal <i>control</i> As System.Object _) As System.String</pre>	
C#	
<pre>public System.string GetTheme(</pre>	

```
System.object control
)
```

Parameters

control

The object to get the theme name for.

Return Value

The name of the theme set on the object. The "(none)" string is returned if no theme was set on the object.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

GetThemeByName Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

GetThemeByName(String,Boolean) Method

The name of the theme to get.

Indicates whether an exception should be thrown if the specified theme cannot be found.

Retrieves a theme registered with the application, by its name.

Syntax

Visual Basic (Declaration)

```
Public Shared Function GetThemeByName( _
    ByVal themeName As System.String, _
    ByVal throwException As System.Boolean _
) As C1Theme
```

C#

```
public static C1Theme GetThemeByName(
    System.string themeName,
    System.bool throwException
)
```

Parameters

themeName

The name of the theme to get.

throwException

Indicates whether an exception should be thrown if the specified theme cannot be found.

Return Value

The theme with the specified name, or null if a matching theme could not be found while [throwException](#) is false.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

GetThemes Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) : GetThemes Method

Retrieves the names of all themes registered with the application.

Syntax

Visual Basic (Declaration)	
Public Shared Function GetThemes() As System.String()	
C#	
public static System.string[] GetThemes()	

Return Value

An array of strings containing names of all registered themes.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

IsObjectThemeable Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
IsObjectThemeable Method

The object to check.

Checks whether an object supports ComponentOne themes.

Syntax

Visual Basic (Declaration)	
<pre>Public Shared Function IsObjectThemeable(_ ByVal obj As System.Object _) As System.Boolean</pre>	
C#	
<pre>public static System.bool IsObjectThemeable(System.object obj)</pre>	

Parameters

obj

The object to check.

Return Value

True if the object supports themes, false otherwise.

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)

IsPreviewControlInsideC1PrintPreviewControl Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
IsPreviewControlInsideC1PrintPreviewControl Method

Syntax

Visual Basic (Declaration)	
<pre>Public Shared Function IsPreviewControlInsideC1PrintPreviewControl(_</pre>	

```
ByVal obj As System.Object _
) As System.Boolean
```

C#

```
public static System.bool IsPreviewControlInsideC1PrintPreviewControl(
    System.object obj
)
```

Parameters

obj

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

IsThemeRegistered Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

IsThemeRegistered Method

The name of the theme to check.

Checks whether a theme with a specified name has been registered.

Syntax

Visual Basic (Declaration)

```
Public Shared Function IsThemeRegistered( _
    ByVal themeName As System.String _
) As System.Boolean
```

C#

```
public static System.bool IsThemeRegistered(
    System.string themeName
)
```

Parameters

themeName

The name of the theme to check.

Return Value

True if the theme has been registered, false otherwise.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

RegisterTheme Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

RegisterTheme Method

Loads a theme from a stream, and registers it for use by theme controllers in the application.

After this method completes, the theme can be set via [ApplicationTheme](#) and [Theme](#) properties.

his method throws an exception if a theme with same name has already been registered.

Overload List

Overload	Description
RegisterTheme(Stream)	<p>Loads a theme from a stream, and registers it for use by theme controllers in the application.</p> <p>After this method completes, the theme can be set via ApplicationTheme and Theme properties.</p> <p>his method throws an exception if a theme with same name has already been registered.</p>
RegisterTheme(String)	<p>Loads a theme from a file, and registers it for use by theme controllers in the application.</p> <p>After this method completes, the theme can be set via ApplicationTheme and Theme properties.</p> <p>his method throws an exception if a theme with same name has already been registered.</p>

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

[RegisterTheme\(Stream\) Method](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) > [RegisterTheme Method](#) : RegisterTheme(Stream) Method

A stream containing the theme to load/register.

Loads a theme from a stream, and registers it for use by theme controllers in the application.

After this method completes, the theme can be set via [ApplicationTheme](#) and [Theme](#) properties.

This method throws an exception if a theme with same name has already been registered.

Syntax

Visual Basic (Declaration)

```
Public Overloads Shared Function RegisterTheme( _  
    ByVal stream As System.IO.Stream _  
) As System.String
```

C#

```
public static System.string RegisterTheme(  
    System.IO.Stream stream  
)
```

Parameters

stream

A stream containing the theme to load/register.

Return Value

A name of registered theme.

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[Overload List](#)

RegisterTheme(String) Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) >
[RegisterTheme Method](#) : RegisterTheme(String) Method

The file containing the theme to load/register.

Loads a theme from a file, and registers it for use by theme controllers in the application.

After this method completes, the theme can be set via [ApplicationTheme](#) and [Theme](#) properties.

This method throws an exception if a theme with same name has already been registered.

Syntax

Visual Basic (Declaration)	
Public Overloads Shared Function RegisterTheme(_ ByVal <i>fileName</i> As System.String _) As System.String	
C#	
public static System.string RegisterTheme(System.string <i>fileName</i>)	

Parameters

fileName

The file containing the theme to load/register.

Return Value

A name of registered theme.

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[Overload List](#)

RegisterThemes Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

RegisterThemes Method

The assembly to load/register themes from.

Loads all themes from an assembly, and registers them for use by theme controllers in the current application.

This method scans all resources in the specified assembly, and selects those with names ending in ".c1theme" (case insensitive). If a theme cannot be loaded (e.g. due to a duplicate name or other error), it is skipped (i.e. no exception is thrown).

Syntax

Visual Basic (Declaration)	
<pre>Public Shared Function RegisterThemes(_ ByVal <i>assembly</i> As System.Reflection.Assembly _) As System.String()</pre>	
C#	
<pre>public static System.string[] RegisterThemes(System.Reflection.Assembly <i>assembly</i>)</pre>	

Parameters

assembly

The assembly to load/register themes from.

Return Value

The array of names of all loaded/registered themes.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

SetTheme Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) : SetTheme Method

The object on which to set the theme name.

The name of the theme.

Sets a theme name on an object.

Syntax

Visual Basic (Declaration)	
<pre>Public Sub SetTheme(_ ByVal <i>control</i> As System.Object, _ ByVal <i>value</i> As System.String _)</pre>	
C#	
<pre>public void SetTheme(System.object <i>control</i>, System.string <i>value</i>)</pre>	

Parameters

control

The object on which to set the theme name.

value

The name of the theme.

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

UnregisterTheme Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

UnregisterTheme Method

The name of the theme to unregister.

Unregisters the theme with a specified name.

This method does nothing if a matching theme could not be found.

An exception is thrown if the specified theme is currently in use.

Syntax

Visual Basic (Declaration)

```
Public Shared Sub UnregisterTheme( _  
    ByVal themeName As System.String _  
)
```

C#

```
public static void UnregisterTheme(  
    System.string themeName  
)
```

Parameters

themeName

The name of the theme to unregister.

See Also

Reference

[C1ThemeController Class](#)


[C1ThemeController Members](#)




Properties

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

For a list of all members of this type, see [C1ThemeController members](#).

Public Properties

	Name	Description
 S	ApplicationTheme	<p>Gets or sets the application-wide default theme name.</p> <p>All theme controllers which have "(default)" set as Theme property value will use this theme.</p> <p>This name is persisted with key "C1ApplicationTheme" in the application config file (app.config).</p>

	Container	(Inherited from System.ComponentModel.Component)
	Site	(Inherited from System.ComponentModel.Component)
	Theme	Gets or sets the name of the default theme for all objects on the form or user control managed by the current theme controller.

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See Also

Reference

[C1ThemeController Class](#)

[C1.Win.C1Themes Namespace](#)

ApplicationTheme Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ApplicationTheme Property

Gets or sets the application-wide default theme name.

All theme controllers which have "(default)" set as Theme property value will use this theme.

This name is persisted with key "C1ApplicationTheme" in the application config file (app.config).

Syntax

Visual Basic (Declaration)	
Public Shared Property ApplicationTheme As System.String	
C#	
public static System.string ApplicationTheme {get; set;}	

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

Theme Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) : Theme Property

Gets or sets the name of the default theme for all objects on the form or user control managed by the current theme controller.

Syntax

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

See Also

Reference



[C1ThemeController Class](#)
[C1ThemeController Members](#)

Fields

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

For a list of all members of this type, see [C1ThemeController members](#).

Public Fields

	Name	Description
	DefaultThemeName	The default theme name id. When assigned to the Theme property of a theme controller, indicates that it should use the default application theme.
	NoTheme	The empty theme name id. When assigned to the "Theme" extender property (provided by C1ThemeController) on a control, indicates that no theme should be applied to that control by the theme controller.

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See Also

Reference

[C1ThemeController Class](#)

[C1.Win.C1Themes Namespace](#)

DefaultThemeName Field

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

DefaultThemeName Field

The default theme name id.

When assigned to the [Theme](#) property of a theme controller, indicates that it should use the default application theme.

Syntax

Visual Basic (Declaration)	
Public Const DefaultThemeName As System.String	
C#	
public const System.string DefaultThemeName	

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

NoTheme Field

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) : NoTheme Field

The empty theme name id.

When assigned to the "Theme" extender property (provided by C1ThemeController) on a control, indicates that no theme should be applied to that control by the theme controller.

Syntax

Visual Basic (Declaration)	
Public Const NoTheme As System.String	

C#

```
public const System.string NoTheme
```

See Also

Reference

[C1ThemeController Class](#)







[C1ThemeController Members](#)




Events

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeController Class

For a list of all members of this type, see [C1ThemeController members](#).

Public Events

	Name	Description
	ApplicationThemeChanged	Occurs after a new value has been assigned to the ApplicationTheme property.
	ApplicationThemeChanging	Occurs before a new value is assigned to the ApplicationTheme property.
	Disposed	(Inherited from System.ComponentModel.Component)
	ObjectThemeApplied	Occurs after a theme has been applied to an object managed by the current theme controller. See remarks for details.
	ObjectThemeApplying	Occurs when a theme is about to be applied to an object managed by the current theme controller. See remarks in ObjectThemeApplied for details.
	ObjectThemeChanged	Occurs after a theme on an object managed by the current

		<p>theme controller has been changed.</p> <p>See remarks in ObjectThemeApplied for details.</p>
	ObjectThemeChanging	<p>Occurs when a theme on an object managed by the current theme controller is about to be changed.</p> <p>See remarks in ObjectThemeApplied for details.</p>
	ThemeChanged	<p>Occurs after a new value has been assigned to the Theme property.</p>
	ThemeChanging	<p>Occurs before a new value is assigned to the Theme property.</p>

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See Also

Reference

[C1ThemeController Class](#)

[C1.Win.C1Themes Namespace](#)

ApplicationThemeChanged Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ApplicationThemeChanged Event

Occurs after a new value has been assigned to the [ApplicationTheme](#) property.

Syntax

Visual Basic (Declaration)	
Public Event ApplicationThemeChanged As ApplicationThemeEventHandler	
C#	
public event ApplicationThemeEventHandler ApplicationThemeChanged	

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ApplicationThemeChanging Event](#)

ApplicationThemeChanging Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
ApplicationThemeChanging Event

Occurs before a new value is assigned to the [ApplicationTheme](#) property.

Syntax

Visual Basic (Declaration)	
Public Event ApplicationThemeChanging As ApplicationThemeEventHandler	
C#	
public event ApplicationThemeEventHandler ApplicationThemeChanging	

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ApplicationThemeChanged Event](#)

ObjectThemeApplied Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
ObjectThemeApplied Event

Occurs after a theme has been applied to an object managed by the current theme controller.

See remarks for details.

Syntax

Visual Basic (Declaration)	
Public Event ObjectThemeApplied As ObjectThemeEventHandler	
C#	
public event ObjectThemeEventHandler ObjectThemeApplied	

Remarks

The [ObjectThemeChanging](#) and [ObjectThemeChanged](#) events occur when the value of the Theme extender property on an object changes. The [ObjectThemeApplying](#) and [ObjectThemeApplied](#) events occur when a new theme is applied to the object - which may happen even without changing the Theme property on the object. For instance, if the object uses the default theme specified for the containing form, and the form's theme is changed the Applying/Applied events on the object will fire but the Changing/Changed events will not.

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ObjectThemeChanging Event](#)
[ObjectThemeChanged Event](#)
[ObjectThemeApplying Event](#)

ObjectThemeApplying Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
[ObjectThemeApplying Event](#)

Occurs when a theme is about to be applied to an object managed by the current theme controller.

See remarks in [ObjectThemeApplied](#) for details.

Syntax

Visual Basic (Declaration)	
Public Event ObjectThemeApplying As ObjectThemeEventHandler	
C#	
public event ObjectThemeEventHandler ObjectThemeApplying	

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ObjectThemeChanging Event](#)
[ObjectThemeChanged Event](#)
[ObjectThemeApplied Event](#)

ObjectThemeChanged Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ObjectThemeChanged Event

Occurs after a theme on an object managed by the current theme controller has been changed.

See remarks in [ObjectThemeApplied](#) for details.

Syntax

Visual Basic (Declaration)	
Public Event ObjectThemeChanged As ObjectThemeEventHandler	
C#	
public event ObjectThemeEventHandler ObjectThemeChanged	

See Also

Reference

[C1ThemeController Class](#)

[C1ThemeController Members](#)

[ObjectThemeChanging Event](#)

[ObjectThemeApplying Event](#)

[ObjectThemeApplied Event](#)

ObjectThemeChanging Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :

ObjectThemeChanging Event

Occurs when a theme on an object managed by the current theme controller is about to be changed.

See remarks in [ObjectThemeApplied](#) for details.

Syntax

Visual Basic (Declaration)	
Public Event ObjectThemeChanging As ObjectThemeEventHandler	
C#	
public event ObjectThemeEventHandler ObjectThemeChanging	

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ObjectThemeChanged Event](#)
[ObjectThemeApplying Event](#)
[ObjectThemeApplied Event](#)

ThemeChanged Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
ThemeChanged Event

Occurs after a new value has been assigned to the [Theme](#) property.

Syntax

Visual Basic (Declaration)	
Public Event ThemeChanged As ThemeEventHandler	
C#	
public event ThemeEventHandler ThemeChanged	

See Also

Reference

[C1ThemeController Class](#)
[C1ThemeController Members](#)
[ThemeChanging Event](#)

ThemeChanging Event

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeController Class](#) :
ThemeChanging Event

Occurs before a new value is assigned to the [Theme](#) property.

Syntax

Visual Basic (Declaration)	
Public Event ThemeChanging As ThemeEventHandler	
C#	
public event ThemeEventHandler ThemeChanging	

See Also

Reference

- [C1ThemeController Class](#)
- [C1ThemeController Members](#)
- [ThemeChanged Event](#)

C1ThemeVersion

Members

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeVersion Class

Represents theme XML format's, and theme assembly's version info.

Object Model

C1ThemeVersion

Syntax

Visual Basic (Declaration)	
Public Class C1ThemeVersion	
C#	
public class C1ThemeVersion	

Inheritance Hierarchy

System.Object
C1.Win.C1Themes.C1ThemeVersion

See Also

Reference

- [C1ThemeVersion Members](#)
- [C1.Win.C1Themes Namespace](#)

Overview

Members

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeVersion Class

Represents theme XML format's, and theme assembly's version info.

Object Model

C1ThemeVersion

Syntax

Visual Basic (Declaration)	
Public Class C1ThemeVersion	
C#	
public class C1ThemeVersion	

Inheritance Hierarchy

System.Object
 C1.Win.C1Themes.C1ThemeVersion

See Also

Reference

[C1ThemeVersion Members](#)
[C1.Win.C1Themes Namespace](#)


Members

[Properties](#) [Methods](#)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeVersion Class

The following tables list the members exposed by [C1ThemeVersion](#).



Public Constructors

	Name	Description
	C1ThemeVersion Constructor	Overloaded.

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Public Properties

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

	AssemblyVersion	Gets the C1.Win.C1Themes assembly version.
	FormatVersion	Gets the theme XML format version.

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Public Methods

	Name	Description
	Parse	Converts a string to a C1ThemeVersion object.
	ToString	Overridden. Returns a string that represents the current object.

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See Also

Reference

[C1ThemeVersion Class](#)

[C1.Win.C1Themes Namespace](#)

C1ThemeVersion Constructor

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) :

C1ThemeVersion Constructor

Overload List

Overload	Description
C1ThemeVersion Constructor()	Initializes a new instance of the C1ThemeVersion class.
C1ThemeVersion Constructor(String,String)	Initializes a new instance of the C1ThemeVersion class with the specified theme XML format and theme assembly versions.
C1ThemeVersion Constructor(Version,Version)	Initializes a new instance of the C1ThemeVersion class with the specified theme XML format and theme assembly versions.

See Also

Reference

[C1ThemeVersion Class](#)
[C1ThemeVersion Members](#)

C1ThemeVersion Constructor()

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) > [C1ThemeVersion Constructor](#) : C1ThemeVersion Constructor()

Initializes a new instance of the C1ThemeVersion class.

Syntax

Visual Basic (Declaration)	
Public Function New()	
C#	
public C1ThemeVersion()	

See Also

Reference

[C1ThemeVersion Class](#)
[C1ThemeVersion Members](#)
[Overload List](#)

C1ThemeVersion Constructor(String,String)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) > [C1ThemeVersion Constructor](#) : C1ThemeVersion Constructor(String,String)

The theme XML format version.

The C1.Win.C1Themes assembly version.

Initializes a new instance of the C1ThemeVersion class with the specified theme XML format and theme assembly versions.

Syntax

Visual Basic (Declaration)	
Public Function New(_	

<pre> ByVal <i>formatVersion</i> As System.String, _ ByVal <i>assemblyVersion</i> As System.String _) </pre>	
C#	
<pre> public C1ThemeVersion(System.string <i>formatVersion</i>, System.string <i>assemblyVersion</i>) </pre>	

Parameters

formatVersion

The theme XML format version.

assemblyVersion

The C1.Win.C1Themes assembly version.

See Also

Reference

[C1ThemeVersion Class](#)
[C1ThemeVersion Members](#)
[Overload List](#)

C1ThemeVersion Constructor(Version,Version)

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) > [C1ThemeVersion Constructor](#) : C1ThemeVersion Constructor(Version,Version)

The theme XML format version.

The C1.Win.C1Themes assembly version.

Initializes a new instance of the C1ThemeVersion class with the specified theme XML format and theme assembly versions.

Syntax

Visual Basic (Declaration)	
<pre> Public Function New(_ ByVal <i>formatVersion</i> As System.Version, _ ByVal <i>assemblyVersion</i> As System.Version _) </pre>	

C#	
<pre>public C1ThemeVersion(System.Version <i>formatVersion</i>, System.Version <i>assemblyVersion</i>)</pre>	

Parameters

formatVersion

The theme XML format version.

assemblyVersion

The C1.Win.C1Themes assembly version.

See Also

Reference





- [C1ThemeVersion Class](#)
- [C1ThemeVersion Members](#)
- [Overload List](#)

Methods

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeVersion Class

For a list of all members of this type, see [C1ThemeVersion members](#).

Public Methods

	Name	Description
 	Parse	Converts a string to a C1ThemeVersion object.
 	ToString	Overridden. Returns a string that represents the current object.

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See Also

Reference

- [C1ThemeVersion Class](#)
- [C1.Win.C1Themes Namespace](#)

Parse Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) : Parse Method

The string to convert.

Indicates whether an exception should be thrown if the specified string cannot be converted.

The default version (used if the version could not be parsed, and [throwException](#) is false).

Converts a string to a [C1ThemeVersion](#) object.

Syntax

Visual Basic (Declaration)

```
Public Shared Function Parse( _  
    ByVal s As System.String, _  
    ByVal throwException As System.Boolean, _  
    ByVal defaultValue As C1ThemeVersion _  
) As C1ThemeVersion
```

C#

```
public static C1ThemeVersion Parse(  
    System.string s,  
    System.bool throwException,  
    C1ThemeVersion defaultValue  
)
```

Parameters

s

The string to convert.

throwException

Indicates whether an exception should be thrown if the specified string cannot be converted.

defaultValue

The default version (used if the version could not be parsed, and [throwException](#) is false).

Return Value

The newly created instance of [C1ThemeVersion](#) type, or null.

See Also

Reference

[C1ThemeVersion Class](#)

[C1ThemeVersion Members](#)

ToString Method

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) : ToString Method

Overridden. Returns a string that represents the current object.

Syntax

Visual Basic (Declaration)	
Public Overrides Function ToString() As System.String	
C#	
public override System.string ToString()	

See Also

Reference

[C1ThemeVersion Class](#)



[C1ThemeVersion Members](#)

Properties

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) : C1ThemeVersion Class

For a list of all members of this type, see [C1ThemeVersion members](#).

Public Properties

	Name	Description
	AssemblyVersion	Gets the C1.Win.C1Themes assembly version.
	FormatVersion	Gets the theme XML format version.

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See Also

Reference

[C1ThemeVersion Class](#)

[C1.Win.C1Themes Namespace](#)

AssemblyVersion Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) :

AssemblyVersion Property

Gets the C1.Win.C1Themes assembly version.

Syntax

Visual Basic (Declaration)	
Public ReadOnly Property AssemblyVersion As System.Version	
C#	
public System.Version AssemblyVersion {get;}	

See Also

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[C1ThemeVersion Class](#)

[C1ThemeVersion Members](#)

FormatVersion Property

[C1.Win.C1Themes.4 Assembly](#) > [C1.Win.C1Themes Namespace](#) > [C1ThemeVersion Class](#) : FormatVersion

Property

Gets the theme XML format version.

Syntax

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Public ReadOnly Property FormatVersion As System.Version	
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See Also

Reference

C1ThemeVersion Class
C1ThemeVersion Members