



# ActiveX Control Interface Wizard

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbproBooksOnlineJumpTopic;vbwizActiveXControlWizardC"}

Helps you create the public interface for a Visual Basic-generated ActiveX control after you have created your user interface.

**Note** The ActiveX Control Interface Wizard helps you create underlying code for the public interface of your ActiveX control, but it does not create the user interface. You must create an ActiveX control with the interface elements that you want before you use the ActiveX Control Interface Wizard.

Use the ActiveX Control Interface wizard, to:

- Add standard property, method, and event names for your user control.
- Add new custom property, method, and event names for your user control.
- Define attributes for the public property, method, and event names.

The ActiveX Control Interface Wizard has the following steps:

Introduction

Select a Control Only appears when you have more than one user control in the current project group.

Select Interface Members

Create Custom Interface Members

Set Mapping

Set Attributes

Finished

# ActiveX Control Interface Wizard — Create Custom Interface Members

{ewc HLP95EN.DLL,DYNALINK,"See Also": "vbwizActiveXControlWizardCreateCustomInterfaceC"}

Allows you to add your own custom property, method, and event names to the user control. If the user control already has code in its Code window, the names of custom properties, methods, and events will be shown in the My Custom Members listbox.

## Wizard Options

**My Custom Members** Lists the available custom properties, methods, and events that you want to add.

**New** Displays the **Add Custom Member** dialog box so you can add new custom property, method, and event names.

**Delete** Deletes the selected property, method, or event. You can only delete one member at a time.

**Edit** Displays the **Edit Custom Member** dialog box so you can edit the selected property, method, or event.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Moves you to the next step.

**Finish** Unavailable because you have not provided enough information for the ActiveX Control Interface Wizard to create an ActiveX control using default values.

# ActiveX Control Interface Wizard — Finished!

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardFinishedC"}

Creates ActiveX control using the options you chose and allows you to obtain an summary report that contains information on additional steps to take.

## Wizard Options

### Do you want to:

View Summary Report — Generates a summary report with suggestions for testing and debugging your user control.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Disabled in this step.

**Finish** Creates an ActiveX control based on the settings you selected.

# ActiveX Control Interface Wizard — Introduction

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardIntroductionC"}

The ActiveX Control Interface Wizard helps you to create ActiveX control interfaces. You can add the properties, methods, and events you want and set their attributes.

## Wizard Options

**Skip this screen in the future** When selected, the ActiveX Control Interface Wizard will not show the Introduction screen the next time you start it.

If you want to see this screen in the future, click the **Back** button on the first step of the wizard.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Disabled in this step.

**Next** Moves you to the next step.

**Finish** Unavailable because you have not provided enough information for the ActiveX Control Interface Wizard to create an ActiveX control using default values.

# ActiveX Control Interface Wizard — Select Interface Members

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardSelectInterfaceC"}

Allows you to select the property, method, and event names you want in your user control.

## Wizard Options

**Available Names** Displays a list of the available property, method, and event names.

**Selected Names** Displays a list of the property, method, and event names that you want to use in your control. The property, method, and event names initially listed are those commonly supported by controls. If your user control already has code in its Code window, the items shown in the Selected Names listbox are those properties, events, and methods which already exist in your control.



Moves the selected property, method, and event names in the Available Names list to the Selected Names list, indicating you want to include those property, method, and event names in your user control. You can choose one or more properties, methods, or events.

To choose more than one property, method, or event, click the properties, methods, or events you want, or click a property, method, or event, hold down SHIFT, and click the last member in the list.



Moves all of the property, method, and event names in the Available Names list to the Selected Names list.



Moves the selected property, method, and event names in the Selected Names list to the Available Names list. You can choose one or more properties, methods, or events.

To choose more than one property, method, or event, click the properties, methods, or events you want, or click a property, method, or event, hold down SHIFT, and click the last member in the list.

**Note** If you use the SHIFT and click method, the list of property, method, and event names you want must be contiguous. Otherwise, use the CTRL and click method to select multiple, non-contiguous property, method, and event names.



Moves all of the property, method, and event names in the Selected Names list to the Available Names list.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Moves you to the next step.

**Finish** Unavailable because you have not provided enough information for the ActiveX Control Interface Wizard to create an ActiveX control using default values.

# ActiveX Control Interface Wizard — Set Attributes

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardSetAttributesC"}

Allows you to set the attributes for any property, method, and event names that you did not map in the previous step.

## Wizard Options

**Public Name** Lists the public property, method, and event names that have not been previously mapped.

**Description** Allows you to type in, or displays a brief description of the selected property, method, or event.

## Attribute Information

**Data Type** or **Return Type** — Displays all available data types for the selected property or return types for the selected method. Not available for events.

**Default Value** — Allows you to enter a default value for the property or method. Not available for events.

**Run Time** — Allows you to select the run time behavior for the selected property or method. Not available for events.

- Read/Write
- Read Only
- Write Only
- Not Available

**Design Time** — Allows you to select the design time behavior for the selected property or method. Not available for events.

- Read/Write
- Read Only
- Not Available

**Arguments** — Allows you to enter or select custom arguments for the selected property, method, or event.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Moves you to the next step.

**Finish** Creates an ActiveX control with the settings you selected and displays a confirmation dialog. In the confirmation dialog box, you can choose to not have the dialog box appear when you run the ActiveX Control Interface Wizard again.

# ActiveX Control Interface Wizard — Set Mapping

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardSetMappingC"}

Allows you to map the functionality of the public property, method, and event names to underlying private property, method, and event names on the user control and constituent controls.

## Wizard Options

**Public Name List** Lists the public property, method, and event names. You can map multiple property, method, and event names to one user or constituent control by selecting them and then choosing the control.

To choose more than one property, method, or event name, hold down CTRL and click the property, method, or event names you want, or click a property, method, or event name, hold down SHIFT, and click the last member in the list.

**Maps to** Allows you to map the functionality of public property, method, and event names to private property, method, and event names on your user control and constituent controls.

**Control** — Lists the user control and all constituent controls. The default is (None).

**Member** — Lists all of the property, method, and event names for the controls selected in the Control list.

**Note** For example, if you create a **BackColor** property and want it to refer to the user control's **BackColor** property, you would select UserControl in the Control box and **BackColor** in the Member box.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Moves you to the next step.

**Finish** Unavailable because you have not provided enough information for the ActiveX Control Interface Wizard to create an ActiveX control using default values.



# Add Custom Member and Edit Custom Member Dialog Boxes

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizAddEditCustomMemberDialogsC"}



Allows you to add and edit selected custom property, method, and event names.

## Dialog Box Options

**Name** Lists the name of the selected custom property, method, or event.

### Type

**Property** — Adds or changes the current custom member to a property.

**Method** — Adds or changes the current custom member to a method.

**Event** — Adds or changes the current custom member to an event.

**OK** Accepts the changes.

**Cancel** Cancels your changes and closes the dialog box.

## ActiveX Control Interface Wizard — Select a Control

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizActiveXControlWizardSelectControlC"}

Allows you to choose the user control for which you want to create property, method, and event names.

**Note** Only appears when you have more than one user control in the current project group.

### Wizard Options

**User Control List** Lists the user controls in your project group with the project name followed by a colon and the name of the control.

**Help** Displays the help topic for this step. You can also press F1 for help.

**Cancel** Cancels your previous actions and closes the ActiveX Control Interface Wizard.

**Back** Moves you to the previous step.

**Next** Moves you to the next step.

**Finish** Unavailable because you have not provided enough information for the ActiveX Control Interface Wizard to create an ActiveX control using default values.

## Available Property, Method, and Event Names

{ewc HLP95EN.DLL,DYNALINK,"See Also":"vbwizAvailableProperyMethodEventNamesC"}

The ActiveX Control Interface Wizard interrogates the user control and all constituent controls on the user control, and populates the Available Names list with all of the public properties, methods, and events that it finds. Duplicate member names are displayed one time only. For example if you have a **BorderStyle** property for the user control and a constituent control, you will see **BorderStyle** property only once in the Available Names list. You use the Set Mapping step to map the **BorderStyle** property to the control you want.

For a variety of reasons, not all of the property, method and event names are displayed in the Available Names list of the ActiveX Control Interface Wizard.

The table below lists the members that are not displayed or get special handling in the ActiveX Control Interface Wizard.

| Category                                 | Property, Method, or Event Name   | Status  |
|--|---|---|
| Extender Properties, Methods, and Events | <b>DragIcon, DragMode, Height, HelpContextID, Index, Left, Name, TabIndex, TabStop, Tag, ToolTipText, Top, Visible, WhatsThisHelpID, Width, SetFocus, DragOver, DragDrop, GotFocus, LostFocus.</b>  | Not displayed because they are provided by the control's <b>Extender</b> object.                                    |
| Special Methods                          | <b>Circle, Line, PSet, Point, Scale .</b>   | Get special handling because they have backward compatibility issues related to them that affect their syntax.      |
| Color List                               | <b>BackColor, ForeColor, FillColor</b>  | Get special handling because they are automatically set to <b>OLE_COLOR</b> as a data type.                         |
| Banned Properties, Methods, and Events   | AccessKeyPress, <b>AccessKeys, Ambient, AmbientChanged, CanPropertyChanged, ContainedControls, Count, EditAtDesignTime, EnterFocus, EventsFrozen, ExitFocus, Extender, InitProperties, Initialize, KeyPreview, ParentControls, PropertyChanged, PropertyPages, ReadProperties, WriteProperties, Terminate</b> | Not displayed because they either cannot be used, or would not have any relevance if used outside the user control. |

