



Help for Validate

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Description

Validate makes data validation much easier. This control allows you to collect all of the data validation code for a form into one event procedure. This results in smaller and more maintainable code.

Validate only works with controls that have an hWnd property.

File Name

VALID16.OCX, VALID32.OCX

ActiveX / OCX Object Name

Mabry.ValidateCtrl

ActiveX Compatibility

VB 4.0 (32-bit), 5.0 and 6.0

ActiveX Built With

Microsoft Visual C++ v4

ActiveX - Required DLLs

MFC40.DLL (October 6th, 1995 or later)

OLEPRO32.DLL (October 6th, 1995 or later)

MSVCRT40.DLL (September 29th, 1995 or later)

Distribution Note When you develop and distribute an application that uses this control, you should install the control file into the user's Windows SYSTEM directory. The control file has version information built into it. So, during installation, you should ensure that you are not overwriting a newer version.

Close

Validate Properties

Properties that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

Enabled Property

***Version** Property

Close

Validate Events

Events that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

*Validate Event

Close

Validate Methods

Methods that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

*AddControl Method

Close

Frequently Asked Questions

General Questions

[How does Validate work?](#)

[Could you please clarify "CtrlWantsFocus.Name" for me?](#)

[Is CtrlWantsFocus the control that has focus when the validate event is fired?](#)

How does Validate work?

Frequently Asked Questions

Validate uses the fact that when the focus of an object changes in Windows, two objects are relevant -- the object that had the focus and the object that is about to receive the focus.

The Validate control works by monitoring a list of objects that are defined by the AddControl method. When the focus of an object is about to change AND the object that has the focus is part of the validation list, the Validate event is fired. The Validate event has three arguments:

CtrlValidate - this is the object that has the focus and is about to lose the focus.

CtrlWantsFocus - this is the object that did not previously have the focus, but is about to receive the focus, assuming this object had been added to the list via the AddControl method. If the object that is about to receive focus had not been previously added to the list, then CtrlWantsFocus will be the same object as CtrlValidate.

Action - this can be used to intercept the request to change focus and return the focus to the object specified by CtrlValidate.

Could you please clarify "CtrlWantsFocus.Name" for me?

Frequently Asked Questions

When a data type is defined as an object (as are both CtrlValidate and CtrlWantsFocus), all of the object's properties can also be referenced. CtrlWantsFocus.Name would be the Name property of the object that is about to receive the focus (assuming this object was added to the list with the AddControl method).

Is CtrlWantsFocus the control that has focus when the validate event is fired?

Frequently Asked Questions

No. The event is fired before the focus changes. The CtrlValidate is the object that currently has the focus, and the CtrlWantsFocus is the object that is about to receive the focus.

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CREDITS

Validate was written by Zane Thomas.

CONTACT INFORMATION

Orders, inquiries, technical support, questions, comments, etc. can be sent to mabry@mabry.com on the Internet. Our mailing address/contact information is:

Mabry Software, Inc.
503 316th Street Northwest
Stanwood, WA 98292

Sales: 1-800-99-MABRY (U.S. Only)

Voice: 360-629-9278

Fax: 360-629-9278

Web: <http://www.mabry.com>

COST

The price of Validate (control only) is US\$25 (US\$30 for International orders). The cost of Validate and the C/C++ source code (of the control itself) is US\$60 (US\$65 for International orders).

Prices are subject to change without notice.

Printed manuals are available at US\$12.50 per copy.

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See Also

Validate Event

See Also

AddControl Method

AddControl Method

[See Also](#)

[Frequently Asked Questions](#)

Description

Adds a control to the list of controls to validate.

Syntax

object.**AddControl***control*

The syntax of the **AddControl** method has these parts:

Part	Description
<i>object</i>	Required. A Validate control.
<i>control</i>	Optional. A control for the Validate Control to monitor (must have an hWnd property).

Remarks

Use this method to add a control to the list of controls that the Validate control will watch. The Validate control will do nothing unless controls are added. The Validate control will fire the [Validate event](#) when the watched control loses focus (such as when the user presses the Tab key or uses the mouse to switch controls).

Typically you should add edit boxes, list boxes, check boxes, etc. (i.e., add input controls). Labels, picture boxes, etc. should not be added.

Only controls with an hWnd property should be added.

Validate Event

[See Also](#)

[Frequently Asked Questions](#)

Description

Fires when focus is lost from one of the watched controls.

Syntax

Sub *object* **Validate**([*index* **As Integer**,] *CtrlValidate* **As Object**, *CtrlWantsFocus* **As Object**, **ByRef** *Action* **As Long**)

The syntax of the **Validate** event has these parts:

Part	Description
<i>object</i>	A Validate control.
<i>index</i>	An integer that identifies a control if it's in a control array.
<i>CtrlValidate</i>	The control that needs data validation.
<i>CtrlWantsFocus</i>	The control where focus will shift.
<i>Action</i>	A boolean expression that determines if focus remains with <i>ctrlvalidate</i> .

Remarks

This event fires when one of the watched controls loses focus (see [AddControl Method](#)). The control that currently has focus is specified by *CtrlValidate*. This is the control on which you should perform validation.

The control that is about to gain focus is specified by *CtrlWantsFocus*. If this control is a command button, you may need to do some special processing in the button's Click event to prevent processing.

If you do not want focus to switch from *CtrlValidate* to *CtrlWantsFocus* then set the *Action* to True. This will force the focus to return to *CtrlValidate*. Otherwise, focus will switch normally to *CtrlWantsFocus*.

Note: If the user switches focus from a control that's being watched (validating) to one that is not, *CtrlWantsFocus* will be the same as *CtrlValidate*.

Version Property

Frequently Asked Questions

Description

Returns the version of the control.

Syntax

object.Version

The syntax of the **Version** property has these parts:

Part	Description
<i>object</i>	A Validate control.

Remarks

This property holds the current version of the control. It is read-only and available at both design-time and run-time.

Data Type

String

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Mabry Software, Inc.
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Phone: 360-629-9278
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You can also contact Zane Thomas. He can be reached at:

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