



## Help for MenuEv

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#### **Description**

MenuEv provides menu selection notification. In other words, it tells you when the user has selected a menu item and when the user has exited the menu. This is really useful for status bar-style help. MenuEv is really easy to use. All you need to do is place it on your form. There's nothing set. Events start coming in automatically.

Also, MenuEv will automatically update another control for you. You can easily make statusbar style help merely setting a couple of properties. No code required.

#### **File Name**

MENUEV3.VBX

#### **Object Type**

MenuEvent

#### **Compatibility**

VB 2.0 and above

#### **Remarks**

When the Enabled property is set to True (default), MenuEv automatically starts sending menu event notification messages when the user selects menu items at run-time.

MenuEv should be placed on all forms where its functionality is required (including MDI forms and children). MenuEv can be placed directly on an MDI form.

**Usage Note**      When using MDI, MenuEv must be placed on an MDI parent form. Do not put it on MDI children. If MenuEv is not put on the MDI parent, it will not send your program events.

**Distribution Note**      When you develop and distribute an application that uses MenuEv, you should install the file MENUEV3.VBX into the users Windows SYSTEM directory. MenuEv has version information built into it. So, during installation, you should ensure that you are not overwriting a newer version of MenuEv.

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## Properties

All of the properties that apply to this control are in this table. Properties that have special meaning for this control or that only apply to this control are marked with an asterisk (\*).

Align

\*Caption

Enabled

Index

Left

\*LinkControl

\*LinkProperty

Name

Tag

Top

Caption is the default value for the control.

## Caption Property

[See Also](#)

### Description

Holds the currently highlighted menu text.

### Usage

[*form.*][*control.*]**Caption**

### Remarks

This property holds the currently highlighted menu item's Tag property. Typically this is only good while in a MenuEvent event.

This property is read-only and only available at run-time.

### Data Type

String

**See Also**

Properties:

[MenuEvent](#)

[MenuExit](#)

[MenuOpen](#)

## LinkControl and LinkProperty Properties

[See Also](#)

### Description

Sets up link to another control.

### Usage

[*form.*][*control.*]**LinkControl**

[*form.*][*control.*]**LinkProperty**

### Remarks

These properties set up a link with another control. When a MenuEvent event occurs, MenuEv will set the string (specified by these two properties) to the currently highlighted menu item's Tag property.

At design-time, be sure to set the LinkControl property first. The LinkProperty combo box will display all of the valid properties for that control.

You can use the MenuOpen event to save the value of the linked property (such as a status bar value). Then, when the user is done, the MenuExit fires. At this point you can re-load the old value.

These properties are changable at design-time, and read-only at run-time.

### Data Type

String

**See Also**

Properties:

[MenuEvent](#)

[MenuExit](#)

[MenuOpen](#)

## Events

All of the events that apply to this control are in this table. Events that have special meaning for this control or that only apply to this control are marked with an asterisk (\*).

\*MenuEvent

\*MenuExit

\*MenuOpen

## MenuEvent Event

[See Also](#)

[Example](#)

### Description

Occurs when the user high-lights a menu item.

### Syntax

**Sub** *ctlName* **MenuEvent** (*MenuText* **As String**, *Flags* **As Integer**, *Tag* **As String**, *HelpContextID* **As Long** )

### Remarks

This event only occurs If the Enabled property is set to True (default). Also, this event only fires for the form that the control is on. If there are multiple forms that need menu event monitoring, you must place MenuEv on each one.

The argument *MenuText* holds the string displayed on the menu bar.

The argument *Flags* holds the flags set by the menuing system. They are defined in FLAGS.TXT, found in the SAMPLE.ZIP file. Here are the values:

<b>Flag</b>	<b>Description</b>
MF_BITMAP	Item is a bitmap.
MF_CHECKED	Item is checked.
MF_DISABLED	Item is disabled.
MF_GRAYED	Item is grayed.
MF_MOUSESELECT	Item was selected with a mouse.
MF_OWNERDRAW	Item is an owner-drawn item.
MF_POPUP	Item contains a pop-up menu.
MF_SYSMENU	Item is contained in the System menu.

The argument *Tag* holds the Tag property of the menu item selected. This menu property can be set either at run-time or design-time (in the properties window; use the combo-box to select the appropriate menu control and fill in the Tag property).

The argument *HelpContextID* holds the HelpContextID property of the menu item selected. This menu property can be set in the menu definition window or in the properties window at design-time.





## MenuEvent Event Example

In this example, the labels caption is set to the tag of any menu item selected. To try this example, paste the code into the Declarations section of a form that contains a label. Clear the labels caption. Add a few menu items and set the Tags to something meaningful. Then press F5 and play with the menu.

```
Sub MenuEv1_MenuEvent (MenuText As String, Flags As Integer, Tag As String,  
    HelpContextID As Long)  
    Label1.Caption = Tag  
End Sub
```

**See Also**

Events:

[MenuExit](#)

[MenuOpen](#)

## MenuExit Event

[See Also](#)

[Example](#)

### Description

Occurs when the user exits the menu.

### Syntax

**Sub** *ctlname* **MenuExit ( )**

### Remarks

This event only occurs if the Enabled property is set to True (default). Also, this event only fires for the form that the control is on. If there are multiple forms that need menu event monitoring, you must place MenuEv on each one.

This event fires under the following circumstances:

- the user pressed ESC
- the user clicked outside the menu
- the user has selected a menu item (which means a Click event for one of the menu controls will come soon, or has already occurred)



## MenuExit Event Example

In this example, the labels caption is cleared when the user exits the menu. To try this example, paste the code into the Declarations section of a form that contains a label. Set the labels caption to Ready. Add a menu item or two. Then press F5, select one of the menu items, and then click on the form.

```
Sub MenuEv1_MenuExit ()  
    Label1.Caption = ""  
End Sub
```

**See Also**

Events:

[MenuEvent](#)

[MenuOpen](#)

## MenuOpen Event

[See Also](#)

### Description

Occurs when the user first opens the menu.

### Syntax

**Sub** *ctlname* **MenuOpen ( )**

### Remarks

This event fires when the menu is opened by the user. This can be done using the Alt key or the mouse.

This event only occurs if the Enabled property is set to True (default). Also, this event only fires for the form that the control is on. If there are multiple forms that need menu event monitoring, you must place MenuEv on each one.

**See Also**

Events:

[MenuEvent](#)

[MenuExit](#)

## Registration Information

### Credits

MenuEv was written by James Shields. Inquiries can be sent to 71231,2066 on CompuServe, or mabry@halcyon.com on Internet. If you must send something via U.S. Mail, the address is:

Mabry Software, Inc.  
Post Office Box 31926  
Seattle, WA 98103-1926

### Registration

You can register this program by sending \$10 (\$15 for international orders) and your address. You can register MenuEv **and** its C source code by sending \$25 (\$30 for international orders). With your order, you will receive a copy of our manual documenting all of our controls.

For your convenience, an order form has been provided that you can print out directly from this help file.

### E-mail Discount

You may take a \$5 discount for e-mail delivery of this package (CompuServe or Internet). If you choose this option, please note: a printed manual is not included. Be sure to include your full mailing address with your order. Sometimes (on the Internet) the package cannot be e-mailed. So, we are forced to send it through the normal mails.

CompuServe members may also take the \$5 e-mail discount by registering this package in the software registration forum (GO SWREG). MenuEvs SWREG ID number is 1270. The source code version's ID number is 1271.

### Credit Card Orders

We accept VISA and Mastercard. If you e-mail your order to us, please be sure to include your card number, expiration date, complete mailing address, and your phone number (in case we have any questions about your order).

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## MenuEv Order Form

Use the Print Topic.. command from the File menu to print this order form.

Mail this form to: Mabry Software, Inc.  
 Post Office Box 31926  
 Seattle, WA 98103-1926

Phone: 206-634-1443  
 Fax: 206-632-0272  
 BBS: WinDev BBS 206-634-0783  
 CompuServe: 71231,2066  
 Internet: mabry@halcyon.com

Where did you get this copy of MenuEv?

\_\_\_\_\_

Ship to:

\_\_\_\_\_

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Phone:

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Fax:

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E-Mail:

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MC/VISA:

\_\_\_\_\_ exp. \_\_\_\_\_

Disk Size:

(circle one)      3½      5¼

qty ordered \_\_\_\_\_

REGISTRATION  
 \$10 each, postpaid (check or money order in hard currency). Outside  
 of North America add \$5.00 shipping.

qty ordered \_\_\_\_\_

SOURCE CODE AND REGISTRATION  
 \$25 each, postpaid (check or money order in hard currency). Outside  
 of North America add \$5.00 shipping.

## Getting Custom Controls Written

If you or your organization would like to have custom controls written, you can contact me at the following:

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Post Office Box 31926  
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You can also contact Zane Thomas. He can be reached at:

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Post Office Box 300  
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CompuServe: 72060,3327

