Motion Works MediaShop™ : Picture Button

Picture Buttonis a Visual Basic Custom Control (Pictbtn.vbx) that provides the utility to apply creative graphics for computer screen buttons.   To gain a more in-depth knowledge of this control, simply click on the following topic.

To learn how to use help, press F1.

Contacting Motion Works

Picture Button Control

Contacting Motion Works

If you have any questions, comments, or suggestions,   Motion Works would like to hear from you.   You can contact Motion Works at:

Motion Works USA,
524 Second Street, San Francisco,
CA   94107,
U. S. A.

Tel: 1-800-800-8476, Direct (415)-541-9333,
Fax: (415)-541-0555

Interactive Picture Buttons

_____

Description   The picture button control provides users with easy access in using
bitmaps as buttons. Interaction with the buttons are made possible
through the properties and /or Events.   This is what the control looks
like as an icon in the Toolbox:

File Name   PICTBTN.VBX

Object Type   Pictbtn

Remarks   The picture button control makes it possible to represent buttons with
a graphical bitmap instead of using the standard text. To create the
picture button control, simply double-click on the above button on the
tool palette.   A blank button with borders will then appear.

_____

Distribution Note   When you create and distribute applications that use the Picture Button Control, you
should install the file PICTBTN.VBX in the customer's Microsoft Windows \SYSTEM subdirectory . The
setup kit included with the Professional Edition of Visual Basic provides tools to help you write setup
programs that install your applications correctly.

_____

PROPERTIES

There are a number of properties used to communicate between the picture button and Visual Basic. The following is a list of available properties for this control. Asterisk(*) denotes properties that apply to this control only or that require special consideration when used with it.

<u>Properties</u>

<u>*About</u>	Height	<u>*UpPicture</u>
<u>*AutoSize</u>	Index	Visible
BackColor	Left	Width
<u>*BorderStyle</u>	MousePointer	
<u>*ButtonState</u>	Name	
<u>*ButtonType</u>	<u>*Offset-X</u>	
<u>*CenterBitmap</u>	<u>*Offset-Y</u>	
<u>*DownPicture</u>	<u>*PushButtonDrawDelay</u>	
DragIcon	TabIndex	
DragMode	TabStop	
<u>*Enabled</u>	Tag	
<u>*EmbedPicture</u>	Top	

EVENTS

The following is a list of available events for this control.

Events

Click	KeyPress	MouseUp
DblClick	KeyUp	MouseMove
KeyDown	MouseDown	

About Property

Description	Displays an About box for the control which contains the name of the control, version number and the author.
Visual Basic	Not Applicable.
Remarks	This property can only be used during development time and is activated by double clicking on the About property field which displays "Click here..."
Data Type	Not Applicable

AutoSize Property

Description	Size the control to match the size of the Bitmap.
Visual Basic	[form.]Pictbtn.AutoSize[= setting%]
Remarks	This property only works in design mode.

Setting	**Description**
TRUE	(Default) Activates Autosizing.
FALSE	Disable Autosizing

Data Type   **Integer (Boolean)**

BorderStyle Property

Description	Determines if there is a push button style border frame around the Picture Button.
Visual Basic	[form.]Pictbtn.BorderStyle[= setting%]
Remarks	The following are the BorderStyle property settings for the picture button control.

Setting	**Description**
0	(Default) Indicates the border is ON.
1	Indicates the border is OFF.

Data Type	**Integer**

.$
ButtonState Property

Description	Determines the initial state of the picture button control. Setting this property will set the initial state of the button up or down
Visual Basic	[form.]Pictbtn.ButtonState[= setting%]
Remarks	The following are the ButtonState property settings for the picture button control.

Setting	Description
0	(Default) Indicates that the initial state of the button is set up.
1	Indicates the initial state of the button is set down.

Data Type	**Integer**
Visual Basic Example	The following example shows how to set up the bitmap for the down button state in a visual basic program:

```
Sub Form_Load ()
                    PictBtn1.ButtonState =     ' 1 represents the down state
                    1
                                              ' 0 represents   the up state
End Sub
```

ButtonType Property

Description   Indicates the type of the picture button used.

Visual Basic   [form.]Pictbtn.ButtonType[= setting%]

Remarks   The following are the two available ButtonType
property settings for the picture button.

Setting	Description
0	(Default) Push Button
1	Indicates Toggle Button

Data Type   **Integer**

CenterBitmap Property

Description   Determines whether a bitmap is centered within a picture button.

Visual Basic   [form.]Pictbtn.CenterBitmap[= setting%]

Remarks   The following are the two available CenterBitmap property settings for the picture button.

Setting	Description
False	(Default) No centralization of bitmap.
True	Enable the ability to centralize a bitmap on a button

Data Type   **Integer**

DownPicture Property

Description   Loads the desired bitmap file for the picture button's down state.   The display in this property field will display the path name to the bitmap file if the "EmbedPicture" property is set to FALSE and will display the word (Embedded) if the "EmbedPicture" property is set to TRUE.

Visual Basic   [form.]Pictbtn.DownPicture[= filename$]

Remarks   Setting this property will replace the current bitmap displayed for the state of the picture button.

Data Type   **String**

Enabled Property

Description   Activate or deactivate the picture button.

Visual Basic   [form.]Pictbtn.Enabled[= setting]

Remarks   Setting this property to FALSE will gray out the already existed bitmap meaning that the button is disabled.   The default setting of this property is TRUE meaning that the button is enabled.

Data Type   **String**

EmbedPicture Property

Description   Determines whether to embed the picture for your button into the form
                        or load the bitmap everytime from an external file by retrieving it from a
                        specified path.

Visual Basic   [form.]Pictbtn.EmbedPicture[= setting]

Remarks   Toggling this property will dump any bitmaps previously loaded in the
                        UpPicture and DownPicture properties.   Therefore, be sure to set this
                        property first before specifying the bitmaps.

Setting	Description
TRUE	Enable the Embedded button.
FALSE	(Default) Disable the Embedded button.

Data Type   **Integer (Boolean)**

Also see
UpPicture
DownPicture

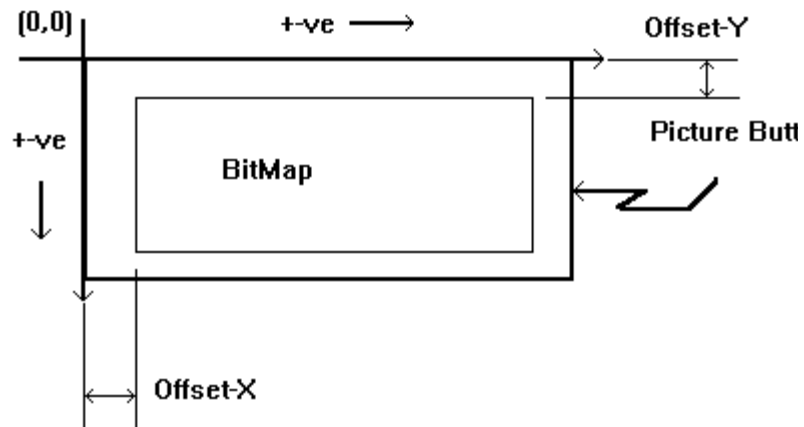## Offset-X Property

Description   Determines the horizontal offset (in TWIPS) of the left of the bitmap to the left side of the button. NOTE: The left side of the button is offset 0.

Visual Basic   [form.]Pictbtn.Offset-X[= setting]

Remarks   Setting this property will indicate an X-Axis offset to the right of the origin.
See the following diagram.

Data Type   Integer

Offset-Y Property

Description	Determines the vertical offset (in TWIPS) of the top of the bitmap to the top side of the button. NOTE: The top side of the button is offset 0.
Visual Basic	[form.]Pictbtn.Offset-Y[= setting]
Remarks	Setting this property will indicate an Y-Axis offset underneath the origin. Also see Offset-X.
Data Type	**Integer**

PushButtonDrawDelay Property

Description   Determines the time-delay (in milliseconds) that allows a button to
                          refresh its bitmap when it is pressed.   This is required expecially when
                          a large bitmap is used in the picture button.

Visual Basic   [form.]Pictbtn.PushButtonDrawDelay[= setting]

Remarks   Setting this property to a high value would generate a long time delay
                          before the upstate of the button is repainted.   Default value for this
                          property is 0.

Data Type   **Integer**

UpPicture Property

Description   Loads the desired bitmap file for the picture button's up state. The display in this property field will display the path name to the bitmap file if the "EmbedPicture" property is set to FALSE and will display the word (Embedded) if the "EmbedPicture" property is set to TRUE.

Visual Basic   [form.]Pictbtn.UpPicture[= filename$]

Remarks   Setting this property will replace the current bitmap displayed for the state of the picture button.

Data Type   **String**