Help for PerCnt

Registration Information

Order Form

Getting Custom Controls Written

Description

PerCnt is a Visual Basic custom control that makes status (percentage) bar display easy.

File Name

PERCNT2.VBX

Object Type

Percent

Compatibility

VB 1.0 and up

Distribution Note   When you develop and distribute an application that uses PerCnt, you should install the file PERCNT2.VBX into the users Windows SYSTEM directory.   PerCnt has version information built into it.   So, during installation, you should ensure that you are not overwriting a newer version of PerCnt.

___

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 (*).

BackColor	FontItalic	Name
*BevelBar	FontName	Parent
*BevelInner	FontSize	*Percent
*BevelOuter	FontStrikethru	Tag
*BevelWidthBar	FontUnderline	*TextBackColor
*BevelWidth	ForeColor	*TextForeColor
*Border	Height	*ThreeD
*BorderWidth	hWnd	Top
Enabled	Index	Visible
FontBold	Left	Width

Percent is the default value for the control.

BevelBar Property

Description

Determines the 3-D style of the percentage bar.

Usage

[*form.*][*control.*]**BevelBar**[= *integer*]

Remarks

The value of this property determines the style of the percentage bar.   If the ThreeD property is set to False, this property is ignored.   This property may be one of four values:

Value	Description
0	Normal bar
1	Raised percentage bar (3-D)
2	Inset percentage bar (3-D)
3	Lowered percentage bar (3-D)

Data Type

Integer (enumerated)
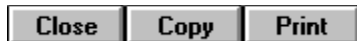
See Also

Properties:

[BevelInner](#)

[BevelOuter](#)

[BevelWidthBar](#)

[Percent](#)

[ThreeD](#)

Bevel Example

In this example, the program will styles of the bevels used. To try this example, paste the code into the Declarations section of a form that contains a four horizontal scroll bars (one for <u>BevelBar</u>, one for <u>BevelInner</u>, and one for <u>BevelOuter</u>, and one to control the percentage bar), three labels (which show the properties), and a PerCnt control. Press F5. Play with the scroll bars to see things change.

```
Sub Form_Load ()
    Me.BackColor = RGB(192, 192, 192)

    HScroll1.Value = 0
    HScroll1.Min = 0
    HScroll1.Max = 3

    HScroll2.Value = 0
    HScroll2.Min = 0
    HScroll2.Max = 3

    HScroll3.Value = 0
    HScroll3.Min = 0
    HScroll3.Max = 3

    HScroll4.Value = 50
    HScroll4.Min = 0
    HScroll4.Max = 100

    Percent1.BorderWidth = 3
    Percent1.BevelWidth = 2
    Percent1.BevelWidthBar = 2
    Percent1.ThreeD = True
    Percent1.BackColor = RGB(192, 192, 192)

    Call HScroll1_Change
    Call HScroll2_Change
    Call HScroll3_Change
    Call HScroll4_Change
End Sub

Sub HScroll1_Change ()
    Percent1.BevelBar = HScroll1.Value
    Label1.Caption = "BevelBar:" & Format$(HScroll1.Value)
End Sub

Sub HScroll1_Scroll ()
    Call HScroll1_Change
End Sub

Sub HScroll2_Change ()
    Percent1.BevelInner = HScroll2.Value
    Label2.Caption = "BevelInner:" & Format$( HScroll2.Value )
End Sub

Sub HScroll2_Scroll ()
    Call HScroll2_Change
```

```
    End Sub

Sub HScroll3_Change ()
    Percent1.BevelOuter = HScroll3.Value
    Label3.Caption = "BevelOuter:" & Format$( HScroll3.Value )
End Sub

Sub HScroll3_Scroll ()
    Call HScroll3_Change
End Sub

Sub HScroll4_Change ()
    Percent1.Percent = HScroll4.Value
End Sub

Sub HScroll4_Scroll ()
    Call HScroll4_Change
End Sub
```

BevelInner Property

Description

Determines the 3-D style of the border immediately surrounding the percentage area.

Usage

[*form.*][*control.*]**BevelInner**[= *integer*]

Remarks

The value of this property determines the style of the percentage bar's border.   If the ThreeD property is set to False, this property is ignored.   This property may be one of four values:

Value	Description
0	Normal frame
1	Raised frame (3-D)
2	Inset frame (3-D)
3	Lowered frame (3-D)

Data Type

Integer (enumerated)

See Also

Properties:
    BevelBar
    BevelOuter
    BevelWidth
    BorderWidth
    ThreeD

BevelOuter Property

Description

Determines the 3-D style of the border (if any) surrounding the control.

Usage

[*form.*][*control.*]**BevelOuter**[= *integer*]

Remarks

The value of this property determines the style of the control's border.   If the ThreeD property is set to False, this property is ignored.   This property may be one of four values:

Value	Description
0	Normal frame
1	Raised frame (3-D)
2	Inset frame (3-D)
3	Lowered frame (3-D)

Data Type

Integer (enumerated)

See Also

Properties:
  BevelBar
  BevelInner
  BevelWidth
  BorderWidth
  ThreeD

BevelWidth Property

Description

Determines the width of the inner and outer borders (bevels).

Usage

[*form.*][*control.*]**BevelWidth**[= *integer*]

Remarks

The value of this property determines the width of the inner border (if any, see BevelInner) and the outer border (if any, see Border and BevelOuter).   This is always measured in pixels.
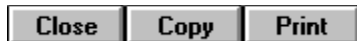
Data Type

Integer

See Also

Properties:

BevelInner

BevelOuter

Border

BorderWidth

Width Properties Example

In this example, the program will vary the width of bevels. To try this example, paste the code into the Declarations section of a form that contains four horizontal scroll bars, three labels, and a PerCnt control (make this control wide).   Press F5.   Play with   the scroll bar to see things change.

```
Sub Form_Load ()
    HScroll1.Value = 2
    HScroll1.Min = 0
    HScroll1.Max = 10

    HScroll2.Value = 2
    HScroll2.Min = 0
    HScroll2.Max = 10

    HScroll3.Value = 2
    HScroll3.Min = 0
    HScroll3.Max = 10

    HScroll4.Value = 50
    HScroll4.Min = 0
    HScroll4.Max = 100

    Percent1.BevelInner = 1
    Percent1.BevelOuter = 3
    Percent1.BevelBar = 3
    Percent1.Percent = 50

    Call HScroll1_Change
    Call HScroll2_Change
    Call HScroll3_Change
End Sub

Sub HScroll1_Change ()
    Percent1.BevelWidth = HScroll1.Value
    Label1.Caption = "BevelWidth:" & Format$( HScroll1.Value )
End Sub

Sub HScroll1_Scroll ()
    Call HScroll_Change
End Sub

Sub HScroll2_Change ()
    Percent1.BevelWidthBar = HScroll2.Value
    Label2.Caption = "BevelWidthBar:" & Format$( HScroll2.Value )
End Sub

Sub HScroll2_Scroll ()
    Call HScroll2_Change
End Sub

Sub HScroll3_Change ()
    Percent1.BevelWidthBar = HScroll3.Value
    Label3.Caption = "BorderWidth:" & Format$( HScroll3.Value )
```

```
End Sub

Sub HScroll3_Scroll ()
    Call HScroll3_Change
End Sub

Sub HScroll4_Change ()
    Percent1.Percent = HScroll4.Value
End Sub

Sub HScroll4_Scroll ()
    Call HScroll4_Change
End Sub
```

BevelWidthBar Property

Description

Determines the width of the 3-D effect (if any) of the percentage bar.

Usage

[*form.*][*control.*]**BevelWidthBar**[= *integer*]

Remarks

The value of this property determines the width of the 3-D effect (if any, see BevelBar). This is always measured in pixels.

Data Type

Integer

See Also

Properties:

BevelBar

ThreeD

Border Property

Description

Determines whether or not there is a border around the control.

Usage

[*form.*][*control.*]**Border**[*= integer*]

Remarks

The value of this property determines whether or not the control has a border.   This property may be one of two values:

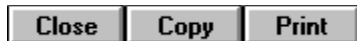| Value	Description
0	No border
1	Single width border

Data Type

Integer (enumerated)

See Also

Properties:
   BevelOuter
   ThreeD

Border and ThreeD Properties Example

In this example, the program will vary the width of the bars. To try this example, paste the code into the Declarations section of a form that contains two check boxes, two labels, and a PerCnt control (make this control wide).   Press F5.   Play with the check boxes to see things change.

```
Sub Form_Load ()
    Check1.Value = 0
    Check2.Value = 0

    Percent1.BevelInner = 3
    Percent1.BevelOuter = 3
    Percent1.BevelBar = 3
    Percent1.BevelWidth = 2
    Percent1.BevelWidthBar = 2
    Percent1.BorderWidth = 3

    Call Check1_Change
    Call Check2_Change
End Sub

Sub Check1_Change ()
    Percent1.Border = Check1.Value
    If Check1.Value <> 0 Then
        Label1.Caption = "Border"
    Else
        Label1.Caption = "No Border"
    End If
End Sub

Sub Check2_Change ()
    Percent1.ThreeD = Check2.Value
    If Check2.Value <> 0 Then
        Label2.Caption = "ThreeD"
    Else
        Label2.Caption = "No NoThreeD"
    End If
End Sub
```

BorderWidth Property

Description

Determines the distance between the inner border and the outer border.

Usage

[*form.*][*control.*]**BorderWidth**[= *integer*]

Remarks

The value of this property determines the distance between the outer border (if any, see Border and BevelOuter) and the inner border (if any, see BevelInner).   This is always measured in pixels.

Data Type

Integer

See Also

Properties:
 BevelInner
 BevelOuter
 ThreeD

Percent Property

Description

Sets the value of the status (percentage) bar.

Usage

[*form.*][*control.*]**Percent**[= *integer*]

Remarks

This property determines how much of the status (percent) bar is full and what value is displayed in the center of the box.   This property can range from 0 to 100.

This property is the default value of the control.

Data Type

Integer

See Also

Properties:
  BevelBar
  BevelWidthBar

Percent Property Example

In this example, the program will show the percentage bar going up and down. To try this example, paste the code into the Declarations section of a form that contains two command buttons and a PerCnt control.   Press F5.   Play with the buttons.

```
Sub Form_Load ()
    Command1.Caption = "Up"
    Command2.Caption = "Down"
End Sub

Sub Command1_Click ()
    Dim I As Integer

    For I = 0 To 100
        Percent1.Percent = I
    Next I
End Sub

Sub Command2_Click ()
    Dim I As Integer

    For I = 100 To 0 Step -1
        Percent1.Percent = I
    Next I
End Sub
```

TextBackColor Property

Description

Sets the color of the text when it's in the background.

Usage

[*form.*][*control.*]**TextBackColor**[= *color*]

Remarks

This property determines what color the text is when it's on the right side of the percentage bar.

Data Type

Color

See Also

Properties:
Percent
TextForeColor

TextForeColor Property

Description

Sets the color of the text when it's in the foreground.

Usage

[*form.*][*control.*]**TextForeColor**[= *color*]

Remarks

This property determines what color the text is when it's on the left side of the percentage bar (i.e., contained within it).

Data Type

Color

See Also

Properties:

Percent

TextBackColor

ThreeD Property

Description

Determines whether or not 3-D effects are used.

Usage

[*form.*][*control.*]**ThreeD**[= *boolean*]

Remarks

If this property is set to False, all of the Bevel and Border description properties are ignored.   In this case, PerCnt either draws a plain, thin border, or nothing at all (this depends on the Border property).

If this property is set to True (the default), all of the properties affect the appearance of PerCnt.

Data Type

Integer (boolean)

See Also

Properties:
- [BevelBar](#)
- [BevelInner](#)
- [BevelOuter](#)
- [BevelWidth](#)
- [BevelWidthBar](#)
- [Border](#)
- [BorderWidth](#)

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 (*).

Click

DblClick

Registration Information

Credits

PerCnt was written by James Shields.   Inquiries can be sent to 71231,2066 on CompuServe, or mabry@halcyon.com on Internet.   Our mailing 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 PerCnt **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 <u>order form</u> 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).   PerCnts SWREG ID number is 966.   The source code version's ID number is 1004.

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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◲ PerCnt Order Form

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Getting Custom Controls Written

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

James Shields
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

You can also contact Zane Thomas.   He can be reached at:

Zane Thomas
Post Office Box 300
Indianola, WA   98342

CompuServe: 72060,3327