# Help for BarCod

BarCod is a Visual Basic custom control that displays a bar code.

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## Events

BarCod supports two events: Click and DblClick.

## Properties

BarCod uses the Caption property to determine what to display.   ForeColor is used for the color of the bars, BackColor is used for the color of the background.   If BarCod cannot fit the entire bar code in the control window, it will fill the entire control with the background color.

Under VB3, BarCod will bind to a data control.   It uses the DataField, DataSource, and DataChanged properties.   See your VB manual for more information.

BarCod has the following custom properties:

BarWidth
Direction
Displayed
PrinterHDC
PrinterHeight
PrinterLeft
PrinterScaleMode
PrinterTop
PrinterWidth
Style

## BarWidth Property

**Description**

Determines the width the bars in the bar code.

**Usage**

[*form*.][*label*.]BarWidth[ = *width%*]

**Remarks**

This is represents the width of the "narrow" bar in the code selected (see <u>Style</u>).   If this is set to 0, BarCod expands the bar code to fit in the control.

**Data Type**

Integer

## Direction Property

**Description**

Determines the direction/orientation of the bar code.

**Usage**

[*form*.][*label*.]Direction[ = *direction%*]

**Remarks**

The value of this property determines what direction the bar code goes.   This property can be one of the four following values:

| Value | Description |
|-------|-------------|
| 0 | Left-to-right |
| 1 | Right-to-left |
| 2 | Top-to-bottom |
| 3 | Bottom-to-top |

**Data Type**

Integer

# Displayed Property

**Description**

Returns the actual string displayed in the bar code.

**Usage**

[*form*.][*label*.]Displayed[ = *displayed$*]

**Remarks**

This property holds what was actually displayed.   Bar codes don't have all the characters available.  Some are purely numeric, some have numbers and letters, etc.   This property lets the program know what was actually displayed.

**Data Type**

String

# PrinterHDC Property

**Description**

Causes the barcode to be painted in the device handle specified.

**Usage**

[*form*.][*label*.]PrinterHDC[ = *hdc%*]

**Remarks**

When this property is set, BarCod paints itself into the Windows device context specified.   Normally, this is used to print the barcode.   The Printer Object (see your VB manuals) has a property name hDC.

To print a barcode, make sure the caption property is set correctly.   Then, set the PrinterHeight, PrinterLeft, PrinterTop, PrinterWidth, and PrinterScaleMode properties.   Finally, set the PrinterHDC equal to Printer.hDC.

For code samples, see BSAMPLE2 in the samples file.

**Data Type**

Integer

# PrinterHeight, PrinterLeft, PrinterTop, and PrinterWidth Properties

**Description**

Describes the area in which to paint the barcode.

**Usage**

[*form*.][*label*.]PrinterHeight[ = *height%*]
[*form*.][*label*.]PrinterLeft[ = *left%*]
[*form*.][*label*.]PrinterTop[ = *top%*]
[*form*.][*label*.]PrinterWidth[ = *width%*]

**Remarks**

These properties describe where to place the barcode when printing.   The coordinates used should be in the units specified by the <u>PrinterScaleMode</u> property.

To print a barcode, make sure the caption property is set correctly.   Then, set the <u>PrinterHeight</u>, <u>PrinterLeft</u>, <u>PrinterTop</u>, <u>PrinterWidth</u>, and <u>PrinterScaleMode</u> properties.   Finally, set the PrinterHDC equal to Printer.hDC.

For code samples, see BSAMPLE2 in the samples file.

**Data Type**

Integer

# PrinterScaleMode Property

**Description**

Determines the units of measurement used by the PrinterHeight, PrinterLeft, PrinterTop, and PrinterWidthproperties.

**Usage**

[*form*.][*label*.]PrinterScaleMode[ = *mode%*]

**Remarks**

This property determines what units to use for the properties describing the area to print in.   This property can be one of:

| Value | Description |
|-------|-------------|
| 0 | Pixel (default, smallest unit of printer resolution) |
| 1 | Twip (1440 twips per inch) |
| 2 | Point (72 points per inch) |
| 3 | Pixel (smallest unit of printer resolution) |
| 4 | Character (12 per inch horizontally, 6 per inch vertically) |
| 5 | Inch |
| 6 | Millimeter |
| 7 | Centimeter |

To print a barcode, make sure the caption property is set correctly.   Then, set the PrinterHeight, PrinterLeft, PrinterTop, PrinterWidth, and PrinterScaleMode properties.   Finally, set the PrinterHDC equal to Printer.hDC.

For code samples, see BSAMPLE2 in the samples file.

**Data Type**

Integer

## Style Property

**Description**

Determines what bar code style is used.

**Usage**

[*form*.][*label*.]Style[ = *style%*]

**Remarks**

This property determines the style of bar code used.   Each style has a different set of characterts that it supports.   The styles are:

| Value | Description |
|-------|-------------|
| 0 | None |
| 1 | 2 of 5 - numbers only |
| 2 | Interleaved 2 of 5 - numbers only |
| 3 | 3 of 9 - numbers, upper case letters, and   - . * $ / + % |
| 4 | Codabar (rationalized) - numbers, and A B C D - $ : / . + |

**Data Type**

Integer

**BarCod Order Form**

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

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

              Fax: 206-632-0272
              CompuServe: 71231,2066
              Internet: mabry@halcyon.com

MAKE CHECKS AND MONEY ORDERS OUT TO: **James Shields**

Where did you get this copy of BarCod?

_____

Ship to:   _____

           _____

           _____

           _____

           _____

Phone:         _____

Fax:           _____

CompuServe: _____

Internet:      _____

qty ordered   _____     REGISTRATION

                         $15 each, postpaid (check or money order in hard currency).   Foreign
                         addressed add $2.00 shipping.   No additional shipping charges to
                         Canada or Mexico.

qty ordered   _____     SOURCE CODE AND REGISTRATION

                         $45 each, postpaid   (check or money order in hard currency).   Foreign
                         addresses add $5.00 shipping.   No additional shipping charge to
                         Canada.

## About BarCod

BarCod 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:

James Shields
Mabry Software
P.O. Box 31926
Seattle, WA   98103-1926

You can register this program by sending $15 and your address (international orders should send the equivalent of $17 in hard currency).   CompuServe members may register by sending $10 and their account number (the registered version will be E-mailed to you).   CompuServe members may also register this package by going to the SWREG forum.   BARCOD is registered there.   Its registration ID is 1314.

Source code to this control is available for $45 ($50 for international orders).   With source code you get a registered version of the control.   If you are a CompuServe member, you may get the source code in the Software Registration forum (GO SWREG) for $40.   Its registration number is 1315.

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## Getting Custom Controls Written

If you or your organization would like to have custom controls written, contact either me or Zane Thomas (co-author of the Waite Group's VB How-To, 2nd Edition).   Here's how we can be reached:

James Shields
CompuServe: 71231,2066
US Mail: P.O. Box 31926; Seattle, WA 98103-1926

Zane Thomas:
CompuServe: 72060,3327
US Mail: P.O. Box 300; Indianola, WA   98342