



## Help for RoText

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#### **Description**

RoText is a Visual Basic custom control that lets you put a label on your form at any angle of rotation. It also lets you print rotated text using the Printer Object.

#### **File Name**

ROTEXT2.VBX

#### **Object Type**

RoText

#### **Compatibility**

VB 1.0 and above

**Usage Note** RoText only uses TrueType fonts, which are only available under Windows 3.1 and later.

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**Distribution Note** When you develop and distribute an application that uses RoText, you should install the file ROTEXT2.VBX into the users Windows SYSTEM directory. RoText has version information built into it. So, during installation, you should ensure that you are not overwriting a newer version of RoText.

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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 (\*).

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| <u>*Angle</u>      | <u>FontStrike</u>    | <u>Name</u>              |
| <u>BackColor</u>   | <u>FontUnder</u>     | <u>Parent</u>            |
| <u>Caption</u>     | <u>ForeColor</u>     | <u>*PrinterHDC</u>       |
| <u>DataChanged</u> | <u>Height</u>        | <u>*PrinterHeight</u>    |
| <u>DataField</u>   | <u>HelpContextID</u> | <u>*PrinterLeft</u>      |
| <u>DataSource</u>  | <u>hWnd</u>          | <u>*PrinterScaleMode</u> |
| <u>DragIcon</u>    | <u>Index</u>         | <u>*PrinterTop</u>       |
| <u>DragMode</u>    | <u>Left</u>          | <u>*PrinterWidth</u>     |
| <u>Enabled</u>     | <u>LinkItem</u>      | <u>TabIndex</u>          |
| <u>FontBold</u>    | <u>LinkMode</u>      | <u>Tag</u>               |
| <u>FontItalic</u>  | <u>LinkTimeout</u>   | <u>Top</u>               |
| <u>FontName</u>    | <u>LinkTopic</u>     | <u>Visible</u>           |
| <u>FontSize</u>    | <u>MousePointer</u>  | <u>Width</u>             |

Enabled is the default value for the control.

## Angle Property

Example

### Description

Determines the angle of the text.

### Usage

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

### Remarks

This property determines what angle, in degrees, the text is displayed.

### Data Type

Integer



## Angle Property Example

In this example, the program will let you play with the angle of rotation of a RoText label. To try this example, paste the code into the Declarations section of a form that contains a horizontal scroll bar, and an RoText control. Press F5.

```
Sub Form_Load ()
    RoText1.Caption = "TEST CAPTION"
    RoText1.Angle = 0

    HScroll1.Min = 0
    HScroll1.Max = 359
    HScroll1.Value = 0
End Sub

Sub HScroll1_Change ()
    RoText1.Angle = HScroll1.Value
End Sub

Sub HScroll1_Scroll ()
    Call HScroll1_Change
End Sub
```

## PrinterHDC Property

[See Also](#)

[Example](#)

### Description

Causes the control to be painted in the device handle specified (usually the printer object).

### Usage

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

### Remarks

When this property is set, the control paints itself into the Windows device context specified. Normally, this is used to print the control. To do this, use the [hDC](#) property of VB's [Printer Object](#).

To print, make sure the [Caption](#) property is set correctly. Then, set the [PrinterHeight](#) , [PrinterLeft](#) , [PrinterTop](#) , and [PrinterWidth](#) properties. Finally, set PrinterHDC to [Printer.hDC](#).

### Data Type

Integer

## See Also

Objects:

[Printer Object](#)

Properties:

[hDC](#)

[PrinterLeft, PrinterTop, PrinterRight,](#)

[PrinterBottom](#)

[PrinterScaleMode](#)

## PrinterLeft, PrinterTop, PrinterWidth, and PrinterHeight Properties

[See Also](#)

[Example](#)

### Description

Describes the area in which to paint the control when printing.

### Usage

```
[form.][control.]PrinterLeft[ = x ]  
[form.][control.]PrinterTop[ = y ]  
[form.][control.]PrinterWidth[ = nx ]  
[form.][control.]PrinterHeight[ = ny ]
```

### Remarks

These properties describe where to place the control when printing. The coordinates used should be in the units specified by the [PrinterScaleMode](#) property.

To print, make sure the [Caption](#) property is set correctly. Then, set the [PrinterHeight](#) , [PrinterLeft](#) , [PrinterTop](#) , and [PrinterWidth](#) properties. Finally, set PrinterHDC to [Printer.hDC](#).

### Data Type

Integer (long)

**See Also**

Properties:

[Caption](#)

[PrinterHDC](#)

[PrinterScaleMode](#)



## PrinterScaleMode Property

[See Also](#)

[Example](#)

### Description

Determines the units of measurement used by the [PrinterLeft](#), [PrinterTop](#), [PrinterWidth](#), and [PrinterHeight](#) properties.

### Usage

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

### Remarks

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

| <b>Value</b> | <b>Description</b>  |
|--------------|---|
| 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, make sure the [Caption](#) property is set correctly. Then, set the [PrinterHeight](#), [PrinterLeft](#), [PrinterTop](#), and [PrinterWidth](#) properties. Finally, set [PrinterHDC](#) to [Printer.hDC](#).

### Data Type

Integer (enumerated)

**See Also**

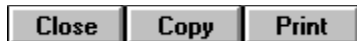
Properties:

[Caption](#)

[PrinterHDC](#)

[PrinterLeft, PrinterTop, PrinterWidth,](#)

[PrinterHeight](#)



## Printing Example

In this example, the program will print a rotated label on your printer. The text and the amount of rotation are determined by an edit box and a horizontal scroll bar. To try this example, paste the code into the Declarations section of a form that contains a text box, a command button, a label, a horizontal scroll bar, and a RoText control. Press F5. Then, enter text into the edit box and use the scroll bar to rotate it. Once you have it the way you like, press the command button to print it.

```
Sub Form_Load ()
    HScroll1.Min = 0
    HScroll1.Max = 359
    HScroll1.Value = 0

    Text1.Text = "The quick brown fox ..."

    RoText1.Caption = Text1.Text
    RoText1.FontName = "Arial"
    RoText1.FontSize = 14
    RoText1.FontBold = True

    Label1.Caption = Format$(HScroll1.Value)
End Sub

Sub Command1_Click ()
    Screen.MousePointer = 11

    Printer.ScaleMode = 1
    RoText1.PrinterScaleMode = Printer.ScaleMode

    RoText1.PrinterLeft = 1440
    RoText1.PrinterTop = 1440
    RoText1.PrinterWidth = 3 * 1440
    RoText1.PrinterHeight = 3 * 1440
    RoText1.PrinterHDC = Printer.hDC

    Printer.Print ""

    Printer.NewPage
    Printer.EndDoc

    Screen.MousePointer = 0
End Sub

Sub Text1_Change ()
    RoText1.Caption = Text1.Text
End Sub

Sub HScroll1_Change ()
    RoText1.Angle = HScroll1.Value
    Label1.Caption = Format$( HScroll1.Value )
End Sub

Sub HScroll1_Scroll ()
    Call HScroll1_Change
```

End Sub

## 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 (\*).

|                   |                   |
|-------------------|-------------------|
| <u>*Change</u>    | <u>LinkError</u>  |
| <u>Click</u>      | <u>LinkNotify</u> |
| <u>DbClick</u>    | <u>LinkOpen</u>   |
| <u>DragDrop</u>   | <u>MouseDown</u>  |
| <u>DragOver</u>   | <u>MouseMove</u>  |
| <u>LinkChange</u> | <u>MouseUp</u>    |
| <u>LinkClose</u>  |                   |

## Change Event

### Description

Occurs when the Caption changes.

### Syntax

**Sub** *ctlname\_Change* ( )

### Remarks

This event only occurs when the Caption property changes (via the data control or through code).

## Registration Information

### Credits

RoText was written by Zane Thomas. He can be reached on CompuServe at 72060,3327 or on Internet at 72060.3327@compuserve.com. His mailing address is:

Zane Thomas  
Post Office Box 300  
Indianola, WA 98342

Inquiries, tech support, comments should be sent to James Shields. His address is 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 \$15 (\$20 for international orders) and your address. You can register RoText **and** its C source code by sending \$35 (\$40 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). RoTexts SWREG ID number is 1338. The source code version's ID number is 1339.

### 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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## RoText 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 RoText?

\_\_\_\_\_

Ship to:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone:

\_\_\_\_\_

Fax:

\_\_\_\_\_

E-Mail:

\_\_\_\_\_

MC/VISA:

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

Disk Size:

(circle one)      3½      5¼

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

REGISTRATION  
 \$15 each, postpaid (check or money order in hard currency). Outside  
 of North America add \$5.00 shipping.

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

SOURCE CODE AND REGISTRATION  
 \$35 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:

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

