Help for FLabel

Registration Information

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Getting Custom Controls Written

Description

FLabel is a label control that lets you format the text within it.   You can have different fonts, different colors, multiple paragraphs, paragraph formatting, etc.   All this and it's bound, too.

File Name

FLABEL1.VBX

Object Type

FLabel

Compatibility

VB 2.0 and above

Distribution Note   When you develop and distribute an application that uses FLabel, you should install the file FLABEL1.VBX into the users Windows SYSTEM directory.   FLabel has version information built into it.   So, during installation, you should ensure that you are not overwriting a newer version of FLabel.

FLabel Properties

Properties that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

AutoSize Property
BackColor Property
BackStyle Property
*Caption Property (default)
DataChanged Property
DataField Property
DataSource Property
*Delimiter Property
DragIcon Property
DragMode Property
Enabled Property
FontBold Property
FontItalic Property
FontName Property
FontSize Property
FontStrike Property
FontUnder Property
ForeColor Property
Height Property
Index Property
Left Property
LinkItem Property
LinkMode Property
LinkTimeout Property
LinkTopic Property
MousePointer Property
Name Property
***ParaBefore** Property
***ParaFirst** Property
***ParaLeft** Property
***ParaRight** Property
Parent Property
***PrinterHDC** Property
***PrinterHeight** Property
***PrinterLeft** Property
***PrinterScaleMode** Property
***PrinterTop** Property
***PrinterWidth** Property
TabIndex Property
Tag Property

FLabel Events

Click Event
DblClick Event
DragDrop Event
DragOver Event
LinkChange Event
LinkClose Event
LinkError Event
LinkOpen Event
MouseDown Event
MouseMove Event
MouseUp Event

AutoSize Property

BackStyle Property

WordWrap Property

Caption Property

Description

Determines the text that is displayed.

Usage

[*form.*][*control.*]**Caption**[= *string*]

Remarks

This property determines what the control displays.   This can be comprised of both text and formatting commands.

Formatting codes are specified by enclosing them within delimiter characters (see the <u>Delimiter</u> property).   For example, to show the sentence "This is cool." with the word "cool" printed in blue, you would set the Caption property to:

This is |Color:Blue|cool|Color:Black|.

If you wanted to display "Mabry Software" on one line followed by "800-99-MABRY (toll free)" on the next, you would set the Caption property to:

Mabry Software|cr|800-99-MABRY (toll free)

You can print the delimiter character by putting it twice in the string.   For example, the delimiter character was a dollar sign ($), and your Caption string is:

The price is $$35.00.

The output would be:

The price is $35.00

Here are all of the formatting codes for FLabel VBX:

Code	Meaning
B:<boolean>	Bold face (on or off, depending on the value of boolean)
BACK:<color>	Set the current background color.
BEFORE:<twips>	Set the vertical gap that preceeds a paragraph (in twips).
BOLD:<boolean>	Bold face (on or off, depending on the value of boolean)
COLOR:<color>	Set the current foreground (text) color.
CR	Start new paragraph
FIRST:<twips>	Set first indent for a paragraph (in twips)
FONT:<name>	Change to new font, specified by <name>
FORE:<color>	Set the current foreground (text) color.
I:<boolean>	Italics (on or off, depending on the value of boolean)
ITAL:<boolean>	Italics (on or off, depending on the value of boolean)
LEFT:<twips>	Set left margin for a paragraph (in twips)
RIGHT:<twips>	Set the right margin for a paragraph (in twips).
S:<boolean>	Strikethru (on or off, depending on the value of boolean)
SIZE:<points>	Change font size, specified in points.
STRIKE:<boolean>	Strikethru (on or off, depending on the value of boolean)
U:<boolean>	Underline (on or off, depending on the value of boolean)
UNDER:<boolean>	Underline (on or off, depending on the value of boolean)

Twips values are just that: twips.   These are the units typically used in VB.

Boolean values are pretty flexible.   On, True, 1, and Yes all count as True.   Off, False, 0, and No all

word as False.

Color values can take one of two formats: direct RGB numbers, or a color name.   RGB numbers should be formatted like: 128,128,128 (i.e., in decimal, separated by commas).   Here are the color names and their associated RGB values that FLabel supports:

Code	Red	Green	Blue
Aqua	128	255	255
Black	0	0	0
Blue	0	0	255
Brown	128	64	0
Cyan	0	255	255
DkBlue	0	0	128
DkCyan	0	128	128
DkGray	128	128	128
DkGreen	0	128	0
DkRed	128	0	0
Gray	128	128	128
Green	0	255	0
LtBlue	128	128	255
LtGray	192	192	192
LtGreen	128	255	128
LtPurple	255	128	255
LtRed	255	128	128
Magenta	255	0	255
Purple	128	0	128
Red	255	0	0
Tan	128	128	0
White	255	255	255
Yellow	255	255	0

Any of these properties will take the special keyword "Default" or "D".   This will set that element back to its default value.   For example, if you had "Fore:D" at one point in the string, this would reset the text color to the color found in ForeColor.

Data Type

String

See Also

Properties:
Delimiter
ParaBefore
ParaFirst
ParaLeft
ParaRight

Delimiter Property

Description

Determines the separator/specifier character for the formatting strings in the <u>Caption</u> property.

Usage

[*form.*][*control.*]**Delimiter**[= *string*]

Remarks

This property determines the character that is used for the formatting string/code delimiter.   This property defaults to a vertical bar/pipe character: |

Data Type

String

See Also

Properties:

[Caption](#)

ParaBefore, ParaFirst, ParaLeft and ParaRight Properties

Description

Determines the margins/gaps for the paragraph.

Usage

[*form.*][*control.*]**ParaBefore**[= *twips*]

[*form.*][*control.*]**ParaFirst**[= *twips*]

[*form.*][*control.*]**ParaLeft**[= *twips*]

[*form.*][*control.*]**ParaRight**[= *twips*]

Remarks

These properties determine the margins and gaps for paragraph formatting.   ParaBefore is the amount of vertical space that should be before each paragraph (except the first).   ParaFirst is the amount of horizontal space between the left edge of the control and the first line of a paragraph.   ParaLeft is the amount of space between the left edge of the control and any lines in a paragraph after the first.   And, ParaRight is the amount of space between the right edge of the control and the right edge of a paragraph.

These are the default settings for the control.   They can be overriden using various keywords in the Caption property.

Data Type

Integer (long)

See Also

Properties:

Caption Example

In this example, the program allows you to play with formatting.   When you change the text in the edit box, it shows it in the FLabel.   To try this example, paste the code into the Declarations section of a form that contains an edit box and an FLabel control.   Press F5 and play with the edit box.

```
Option Explicit

Sub Form_Load ()
    FLabel1.ParaBefore = 240
    FLabel1.ParaFirst = 480
    FLabel1.WordWrap = True

    Text1.Text = "This is a test of |color:blue|FLabel VBX|color:black|.
        Play with this text to change the formatting.|cr|It's fun ..."
End Sub

Sub Text1_Change ()
    FLabel1.Caption = Text1.Text
End Sub
```

PrinterHDC Property

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 VBs 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

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

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:

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, 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

Registration Information

Credits

FLabel 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
Post Office Box 31926
Seattle, WA   98103-1926

Registration

You can register this program by sending $20 ($25 for international orders) and your address.   You can register FLabel **and** its C source code by sending $50 ($55 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).   Labels SWREG ID number is 4352.   The source code version's ID number is 4353.

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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𝑓L FLabel Order Form

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

Mail this   Mabry Software
form to: 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 FLabel?

               _____

Ship to: _____

               _____

               _____

               _____

               _____

Phone: _____

Fax: _____

E-Mail: _____

Disk Size: (circle one)   3½   5¼

   qty ordered ____   REGISTRATION
                           $20 each, postpaid (check or money order in hard currency).   International
                           addresses add $5.00 shipping.   No additional shipping charges to Canada or
                           Mexico.

   qty ordered ____   SOURCE CODE AND REGISTRATION
                           $50 each, postpaid (check or money order in hard currency).   International
                           addresses add $5.00 shipping.   No additional shipping charges to Canada or
                           Mexico.

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

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CompuServe: 72060,3327