

Re: Formated Text?

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2004-03/0337.html>

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"Amrit" <cadd@wlink.com.np> wrote in message

> *Hi all*

> *How to Print Formated Text in Picture Box?*

Here is a demo to print to the Form. A picture box is similar.

(It has an hDC property).

To try it out, add a class to a new project called TextFormatter.

Then paste in the code in their respective modules and try it out.

For more info on what the format commands do, see:

http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dx8_vb/directx_vb/Graphics/Reference/VB/D3DX/E.asp

(make sure link is not broken by word wrap)

HTH

LFS

```
' [ TextFormatter class ]
```

```
Option Explicit
```

```
Private Type RECT
```

```
    Left As Long
```

```
    Top As Long
```

```
    Right As Long
```

```
    Bottom As Long
```

```
End Type
```

```
Public Enum CONST_DTFLAGS
```

```
    DT_LEFT = 0
```

```
    DT_TOP = 0
```

```
    DT_CENTER = 1
```

```
    DT_RIGHT = 2
```

```
    DT_VCENTER = 4
```

```
    DT_BOTTOM = 8
```

```
    DT_WORDBREAK = 16 '(&H10)
```

```
    DT_SINGLELINE = 32 '(&H20)
```

```
DT_EXPANDTABS = 64 '(&H40)
DT_TABSTOP = 128 '(&H80)
DT_NOCLIP = 256 '(&H100)
DT_EXTERNALLEADING = 512 '(&H200)
DT_CALCRECT = 1024 '(&H400)
DT_NOPREFIX = 2048 '(&H800)
DT_INTERNAL = 4096 '(&H1000)
DT_EDITCONTROL = 8192 '(&H2000)
DT_PATH_ELLIPSIS = 16384 '(&H4000)
DT_END_ELLIPSIS = 32768 '(&H8000)
DT_MODIFYSTRING = 65536 '(&H10000)
DT_RTLREADING = 131072 '(&H20000)
DT_WORD_ELLIPSIS = 262144 '(&H40000)
DT_NOFULLWIDTHCHARBREAK = 524288 '(&H80000)
DT_HIDEPREFIX = 1048576 '(&H100000)
DT_PREFIXONLY = 2097152 '(&H200000)
End Enum

Private Declare Sub DrawText Lib "user32" Alias "DrawTextA" ( _
    ByVal hdc As Long, ByVal lpStr As String, ByVal nCount As Long, _
    lpRect As RECT, ByVal wFormat As Long)

Dim MyRect As RECT

Public Sub Move(ByVal Left As Long, ByVal Top As Long, _
    ByVal Width As Long, ByVal Height As Long)
' This routine is to help make the process more 'familiar'
With MyRect
    .Left = Left
    .Top = Top
    .Right = Width + Left
    .Bottom = Height + Top
End With

End Sub

Public Sub DrawString(ByVal hdc As Long, Text As String, Format As CONST_DTFLAGS)
    DrawText hdc, Text, Len(Text), MyRect, Format
End Sub

Private Sub Class_Initialize()
    Move 0, 0, 100, 100
End Sub

' [ Form1 ]
Option Explicit

Private Sub Form_Load()
Dim Text As String
Dim TF As New TextFormatter
```

```
Move Left, Top, 8000, 7000
' API always uses Pixels
ScaleMode = vbPixels
' To make it stay on the form
AutoRedraw = True

' Just some text to test
Text = " Blabity blab hapablab bablabity-blab blab" & Space(1000)
Mid(Text, 44) = Text

' Drawing a border on the form to see exactly how it wraps
Line (6, 10)–Step(155, 405), vbWhite, B
' Use this to define the text area (in pixels)
TF.Move 8, 10, 150, 405
' Check MSDN for what the format commands do
TF.DrawString Me.hdc, Text, DT_WORDBREAK

ForeColor = vbBlue
Font.Bold = True

Line (168, 10)–Step(155, 405), vbWhite, B
TF.Move 170, 10, 150, 405
TF.DrawString Me.hdc, Text, DT_CENTER Or DT_WORDBREAK

ForeColor = vbRed
Font.Size = 14

Line (332, 10)–Step(155, 405), vbWhite, B
TF.Move 330, 10, 150, 405
TF.DrawString Me.hdc, Text, DT_RIGHT Or DT_WORDBREAK

End Sub
```