

printing barcodes in Visual Basic 6 and ByteScout Barcode SDK

How to code printing barcodes in Visual Basic 6: How-To tutorial

Source code documentation samples provide quick and easy way to add a required functionality into your application. ByteScout Barcode SDK was made to help with printing barcodes in Visual Basic 6. ByteScout Barcode SDK is the fully featured library to generate barcodes. Supports QR Code, Code 39, Code 128, UPC, GS1, GS-128, PDF417, Datamatrix and many other barcode types. Includes various options for barcode generation to ensure output quality, add barcodes to new or existing pdf files and images.

The SDK samples like this one below explain how to quickly make your application do printing barcodes in Visual Basic 6 with the help of ByteScout Barcode SDK. Follow the instruction from the scratch to work and copy and paste code for Visual Basic 6 into your editor. Enjoy writing a code with ready-to-use sample Visual Basic 6 codes to add printing barcodes functions using ByteScout Barcode SDK in Visual Basic 6.

On our website you may get trial version of ByteScout Barcode SDK for free. Source code samples are included to help you with your Visual Basic 6 application.

FOR MORE INFORMATION AND FREE TRIAL:

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[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

VERSION 5.00

Begin VB.Form Form1

```
AutoRedraw      = -1 'True
Caption         = "Form1"
ClientHeight    = 2175
ClientLeft      = 45
ClientTop       = 435
ClientWidth     = 7770
LinkTopic       = "Form1"
ScaleHeight     = 2175
ScaleWidth      = 7770
StartupPosition = 3 'Windows Default
```

Begin VB.CommandButton Command1

```
Caption         = "Print Barcode to the selected printer with 300 DPI quality"
Height          = 855
Left            = 120
TabIndex        = 1
Top             = 840
Width           = 6975
```

End

Begin VB.ComboBox cboPrinterList

```
Height          = 315
Left            = 120
TabIndex        = 0
Top             = 360
Width           = 6975
```

End

End

Attribute VB_Name = "Form1"

Attribute VB_GlobalNameSpace = False

Attribute VB_Creatable = False

Attribute VB_PredeclaredId = True

Attribute VB_Exposed = False

Private Sub Command1_Click()

' set printer to the selected printer

Call SelectPrinter(cboPrinterList.Text)

' call function to print barcode to Printer object

Call PrintBarcode

End Sub

' populate list of printers on form load

Private Sub Form_Load()

Dim dev As Printer, Index As Integer, CurrentPrinter As Integer

CurrentPrinter = -1

Index = 0

For Each dev In Printers

cboPrinterList.AddItem dev.DeviceName

If Printer.DeviceName = dev.DeviceName Then

CurrentPrinter = Index

End If

Index = Index + 1

Next

If CurrentPrinter <> -1 Then

cboPrinterList.ListIndex = CurrentPrinter

End If

```
End Sub
```

```
'=====
'Function to select printer
'=====
```

```
Function SelectPrinter(ByVal printer_name As String) As Boolean
```

```
    Dim i As Integer
```

```
    SelectPrinter = False
```

```
    For i = 0 To Printers.Count - 1
```

```
        ' if the specified printer is found, select it and return True
```

```
        If Printers(i).DeviceName = printer_name Then
```

```
            Set Printer = Printers(i)
```

```
            SelectPrinter = True
```

```
            Exit For
```

```
        End If
```

```
    Next i
```

```
End Function
```

```
' print barcode to the Printer object
```

```
Private Sub PrintBarCode()
```

```
' this method prints a barcode via temporary EMF metafile allowing to set target physical
```

```
Const DPIQuality = 300 ' 300 DPI as printing resolution (DPI) quality
```

```
Const WidthInInches = 4 ' 4 inches as width for the barcode generated
```

```
Const HeightInInches = 1 ' 1 inches as height for the barcode generated
```

```
' create barcode object as ActiveX
```

```
Dim BC
```

```
Set BC = CreateObject("Bytescout.BarCode.Barcode")
```

```
Printer.PrintQuality = DPIQuality ' set the printer quality to 300 dpi
```

```
' IMPORTANT: call Printer.Print Space(1) to initialize the Printer
```

```
' this is how Microsoft advises to do in their KB article (search for Printer.Print s  
Printer.Print Space(1) ' initialize hDC of Printer object
```

```
' set the same DPI resolution (300 DPI) to generate barcode image
```

```
BC.ResolutionX = DPIQuality
```

```
BC.ResolutionY = DPIQuality
```

```
' set barcode symbology type
```

```
BC.Symbology = 0 ' Code 39 = 0 (see the documentation for other barcode types)
```

```
' set barcode value
```

```
BC.Value = "1234567890"
```

```
' use .FitInto_3 method to set the size in inches (you can also set in mm, cm, pixels
```

```
BC.FitInto_3 WidthInInches, HeightInInches, 2 ' fit into 3.5x0.875 inches (2 = inch)
```

```
' save barcode into temporary EMF image
```

```
' create FileSystemObject to work with files
```

```
Dim FSO As Object
```

```

Set FSO = CreateObject("Scripting.filesystemobject")

' get temporary filename to save a temporary .EMF file
Dim tempEMFFileName
tempEMFFileName = FSO.GetTempName() & ".EMF"

' save EMF metafile into the temporary file
BC.SaveImage tempEMFFileName

' now we paint EMF file to Printer object
' default units for Printer in VB6 is Twips, which is 1440 per Inch
' so we calculate 3.5 inches as 3.5 * TwipsPerInch
Const TwipsPerInch = 1440
' now printing the picture at 0,0 with 3.5 inches X 0.875 inches
Printer.PaintPicture LoadPicture(tempEMFFileName), 0, 200, 3.5 * TwipsPerInch, 0.875 *

' now remove temporary EMF file
FSO.deletefile tempEMFFileName, True
Set FSO = Nothing

' finally send command to print the page
Printer.EndDoc

Set BC = Nothing

End Sub

```

Project1.vbp

```

Type=Exe
Reference=*G{00020430-0000-0000-C000-000000000046}#2.0#0#C:\WINDOWS\system32\stdole2.t
Form=Form1.frm
Startup="Form1"
ExeName32="Project1.exe"
Command32=""
Name="Project1"
HelpContextID="0"
CompatibleMode="0"
MajorVer=1
MinorVer=0
RevisionVer=0
AutoIncrementVer=0
ServerSupportFiles=0
VersionCompanyName="000"
CompilationType=0
OptimizationType=0
FavorPentiumPro(tm)=0
CodeViewDebugInfo=0
NoAliasing=0

```

```
BoundsCheck=0
OverflowCheck=0
FlPointCheck=0
FDIVCheck=0
UnroundedFP=0
StartMode=0
Unattended=0
Retained=0
ThreadPerObject=0
MaxNumberOfThreads=1
```

```
[MS Transaction Server]
AutoRefresh=1
```

VIDEO

<https://www.youtube.com/watch?v=REnj3A-oSPI>

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