How to set barcode size in Visual Basic 6 with ByteScout Barcode SDK

The tutorial shows how to set barcode size in Visual Basic 6

These source code samples are listed and grouped by their programming language and functions they use. 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 and you can use it to set barcode size with Visual Basic 6.

This rich sample source code in Visual Basic 6 for ByteScout Barcode SDK includes the number of functions and options you should do calling the API to set barcode size. Just copy and paste the code into your Visual Basic 6 application's code and follow the instruction. Implementing Visual Basic 6 application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

Visual Basic 6 - Form1.frm

```
VERSION 5.00
Begin VB.Form Form1
   AutoRedraw      =    -1  'True
   Caption         =    "Form1"
   ClientHeight    =    4845
   ClientLeft      =    45
   ClientTop       =    435
   ClientWidth     =    9795
   LinkTopic       =    "Form1"
   ScaleHeight     =    4845
   ScaleWidth      =    9795
   StartUpPosition =    3  'Windows Default
End
Attribute VB_Name = "Form1"
Attribute VB_GlobalNameSpace = False
Attribute VB_Creatable = False
Attribute VB_PredeclaredId = True
Attribute VB_Exposed = False
Private Sub Form_Load()

' this method prints a barcode via temporary EMF metafile allowing to set target
physical size and DPI resolution quality

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

```vb
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
string): http://support.microsoft.com/kb/146022
 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 - see the documentation for more)
 BC.FitInto_3 WidthInInches, HeightInInches, 2 ' fit into 3.5x0.875 inches (2 = inch)

' save barcode into temprorary 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
* TwipsPerInch

' 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
```

Visual Basic 6 - Project1.vbp

```
Type=Exe
Reference=*\G{00020430-0000-0000-C000-
000000000046}#2.0#0#C:\WINDOWS\system32\stdole2.tlb#OLE Automation
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
```

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