

How to generate barcodes in word with VBA with barcode SDK in Microsoft Word using ByteScout Premium Suite

Learn to code in Microsoft Word to generate barcodes in word with VBA with barcode SDK with this step-by-step tutorial

An easy to understand guide on how to generate barcodes in word with VBA with barcode SDK in Microsoft Word with this source code sample. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can generate barcodes in word with VBA with barcode SDK in Microsoft Word.

These Microsoft Word code samples for Microsoft Word guide developers to speed up coding of the application when using ByteScout Premium Suite. Just copy and paste the code into your Microsoft Word application's code and follow the instructions. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

ByteScout provides the free trial version of ByteScout Premium Suite along with the documentation and source code samples.

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Source Code Files:

```
' IMPORTANT: This demo uses VBA so if you have it disabled please temporary enable
' by going to Tools - Macro - Security.. and changing the security mode to ""Medium""
' to Ask if you want enable macro or not. Then close and reopen this Excel document

' You should have evaluation version of the ByteScout SDK installed to get it working

' If you are getting error message like
' "File or assembly named Bytescout SDK, or one of its dependencies, was not found"
' then please try the following:
'
' - Close Excel
' - (for Office 2003 only) download and install this hotfix from Microsoft:
' http://www.microsoft.com/downloads/details.aspx?FamilyId=1B0BFB35-C252-43CC-8A2A-6A64
'
' and then try again!
'
' If you have any questions please contact us at http://bytescout.com/support/ or at sales@bytescout.com

'=====
'References used
'=====
'Bytescout Barcode SDK
'
' IMPORTANT:
' =====
'1) Add the ActiveX reference in Tools -> References
'2) Loop through the values from the first Column for which barcode has to be generated
'3) Parse the value to Bytescout Barcode Object to generate the barcode using QR Code Encoder
'4) Save the generated Barcode Image
'5) Insert the Barcode Image in the second Column
'6) Repeat the steps 3 to 5 till the last Value in the first Column
'
'=====
Option Explicit

' declare function to get temporary folder (where we could save barcode images temporarily)
Declare Function GetTempPath _
Lib "kernel32" Alias "GetTempPathA" _
(ByVal nBufferLength As Long, _
ByVal lpBuffer As String) As Long

Dim myTable As Table
Dim myRow As Integer
Dim myCell As Range

' function to return path to temporary folder
Public Function fncGetTempPath() As String
    Dim PathLen As Long
    Dim WinTempDir As String
    Dim BufferLength As Long
    BufferLength = 260
    WinTempDir = Space(BufferLength)
    PathLen = GetTempPath(BufferLength, WinTempDir)
```

```

If Not PathLen = 0 Then
    fncGetTempPath = Left(WinTempDir, PathLen)
Else
    fncGetTempPath = CurDir()
End If
End Function

Sub Generate_Barcode()
'temp path to save the Barcode images
Dim filePath As String
filePath = fncGetTempPath() 'Change the Path But should end with Backslash(

Set myTable = ActiveDocument.Tables.Item(1)

'Prepare the Bytescout Barcode Object
'=====
Dim myBarcode As New Bytescout_BarCode.Barcode

myBarcode.RegistrationName = "demo" 'Change the name for full version
myBarcode.RegistrationKey = "demo" 'Change the key for full version

'Barcode Settings
myBarcode.Symbology = SymbologyType_QRCode ' QR Code barcode, you may change to other

' set barcode image quality resolution
myBarcode.ResolutionX = 300 'Resolution higher than 250 is good for pr
myBarcode.ResolutionY = 300 'Resolution higher than 250 is good for pr

myBarcode.DrawCaption = True 'Showing Barcode Captions in the Barcode In
myBarcode.DrawCaptionFor2DBarcodes = True ' show captions for 2D barcodes like QR Co

'Remove the Old Barcode images (if any)
Clear_Barcode

' now generate new barcodes and insert into cells in the second column
' Repeat the steps for each row from 2 to 6

For myRow = 2 To 6
    Set myCell = myTable.Cell(myRow, 1).Range
    'Parse the Value from the first Column to Bytescout Barcode Object
    myBarcode.Value = myCell.Text
    'Fit the barcode into 60X25 mm rectangle
    myBarcode.FitInto_3 60, 25, 4 '4 refers to units of measurement as millim
    'Save the barcode image to a file in temporary folder
    myBarcode.SaveImage filePath & "myBarcode" & myRow - 1 & ".png"

    'Insert the Barcode image to the second Column
    Set myCell = myTable.Cell(myRow, 2).Range
    myCell.InlineShapes.AddPicture filePath & "myBarcode" & myRow - 1 & ".png"
Next myRow

End Sub

' clears barcodes images (if any) from the column
Sub Clear_Barcode()
Set myTable = ActiveDocument.Tables.Item(1)

'Remove the Old Barcode images (if any)
For myRow = 2 To 6

```

```
Set myCell = myTable.Cell(myRow, 2).Range
If myCell.InlineShapes.Count = 1 Then myCell.InlineShapes.Item(1).Delete
Next myRow

End Sub
```

Reference Error - README.txt

```
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' If you have any questions please contact us at http://bytescout.com/support/ or at s
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VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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