

## How to generate barcodes in word with VBA in Microsoft Word and ByteScout Barcode SDK

How to code in Microsoft Word to generate barcodes in word with VBA with this step-by-step tutorial

ByteScout tutorials are designed to explain the code for both Microsoft Word beginners and advanced programmers. 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 generate barcodes in word with VBA with Microsoft Word.

This rich sample source code in Microsoft Word for ByteScout Barcode SDK includes the number of functions and options you should do calling the API to generate barcodes in word with VBA. In order to implement the functionality, you should copy and paste this code for Microsoft Word below into your code editor with your app, compile and run your application. Further enhancement of the code will make it more vigorous.

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

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout Barcode SDK](#)

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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 support@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 B
'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 tempora
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 print
myBarcode.ResolutionY = 300 'Resolution higher than 250 is good for print

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

'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 millimeter
    '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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' and then try again!
'
' 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=REnj3A-oSPI>

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