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

How to write a robust code in Microsoft Word to generate barcodes in word with VBA with barcode SDK with this step-by-step tutorial

These sample source codes on this page below are displaying how to generate barcodes in word with VBA with barcode SDK in Microsoft Word. ByteScout Barcode Suite can generate barcodes in word with VBA with barcode SDK. It can be applied from Microsoft Word. ByteScout Barcode Suite is the bundle that privides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reaer SDK) and read and write spreadsheets (Spreadsheet SDK).

Want to quickly learn? This fast application programming interfaces of ByteScout Barcode Suite for Microsoft Word plus the guidelines and the code below will help you quickly learn how to generate barcodes in word with VBA with barcode SDK. IF you want to implement the functionality, just copy and paste this code for Microsoft Word below into your code editor with your app, compile and run your application. Use of ByteScout Barcode Suite in Microsoft Word is also described in the documentation included along with the product.

The trial version of ByteScout Barcode Suite can be downloaded for free from our website. It also includes source code samples for Microsoft Word and other programming languages.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Barcode Suite

Explore API Documentation

Get Free Training for ByteScout Barcode Suite

Get Free API key for Web API

visit www.ByteScout.com

Source Code Files:

BytescoutBarCodeSDK_VBA.vb

```vb
' 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 su




'===============================================
'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 temporar
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
```

```vba
    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 I
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 millir
    '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

```
' 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 s
```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Barcode Suite Home Page](#)
[Explore ByteScout Barcode Suite Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Barcode Suite Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

[visit www.ByteScout.com](#)

[visit www.PDF.co](#)