How to read barcodes from folder in Microsoft Excel using ByteScout BarCode Reader SDK

How to write a robust code in Microsoft Excel to read barcodes from folder with this step-by-step tutorial

An easy to understand guide on how to read barcodes from folder in Microsoft Excel with this source code sample. ByteScout BarCode Reader SDK can read barcodes from folder. It can be applied from Microsoft Excel. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format.

Want to save time? You will save a lot of time on writing and testing code as you may just take the Microsoft Excel code from ByteScout BarCode Reader SDK for read barcodes from folder below and use it in your application. This Microsoft Excel sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Further improvement of the code will make it more robust.

Our website gives trial version of ByteScout BarCode Reader SDK for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout BarCode Reader SDK

Explore API Documentation

Get Free Training for ByteScout BarCode Reader SDK

Get Free API key for Web API

visit www.ByteScout.com

Source Code Files:

BarcodeReaderCode_VB.txt

```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 Reader SDK
'
' IMPORTANT:
' ==============================================================
'1) Add the ActiveX reference in Tools -> References
'2) Enter path of folder containing barcode files's value into text box
'3) Get All files into that folder and iterage through it
'4) Read all barcodes into each file and write all values into cells
'==============================================================

Option Explicit


Sub Barcode_Click()

'Fetch the Worksheet
Dim mySheet As Worksheet
Set mySheet = Worksheets(1)      'Barcode_Data Sheet


' Set Initial Value
mySheet.Range("A2").Value = "Barcode Value"
mySheet.Range("B2").Value = "File Name"

Dim InputFolder As String

InputFolder = mySheet.OLEObjects("TextBox1").Object.Value
```

```vbscript
    ' Set cell index value
    Dim CellIndex As Integer
    CellIndex = 2

    If InputFolder = "" Then
        MsgBox "Input Folder value is empty"
    Else
        Call ProcessFolder(InputFolder, mySheet, CellIndex)
    End If

End Sub


Sub ProcessFolder(ByVal folderPath As String, ByRef mySheet As Worksheet, ByRef CellIndex

    Dim Reader As New Bytescout_BarCodeReader.Reader
    Set Reader = CreateObject("Bytescout.BarCodeReader.Reader")

    ' Set multiple barcode types for searching
    Reader.BarcodeTypesToFind.Code39 = True
    Reader.BarcodeTypesToFind.QRCode = True
    Reader.BarcodeTypesToFind.PDF417 = True
    Reader.BarcodeTypesToFind.EAN13 = True

    ' define allowed input images extensions
    Dim inputImagesExtensions As String
    inputImagesExtensions = "JPG,JPEG,PNG,BMP,PDF,TIF"

    Dim objFSO
    Set objFSO = CreateObject("Scripting.FileSystemObject")

    Dim objFolder
    Set objFolder = objFSO.GetFolder(folderPath)

    Dim colFiles
    Set colFiles = objFolder.Files

    If colFiles.Count = 0 Then
        MsgBox "Entered Folder contains no files"
    Else

        Dim objFile
        For Each objFile In colFiles

            ' Check the file type
            If InStr(inputImagesExtensions, UCase(objFSO.GetExtensionName(objFile.Name)
                Reader.ReadFromFile objFile.Path

                Dim i
                For i = 0 To Reader.FoundCount - 1
                    ' Get cell value
                    CellIndex = (CellIndex + 1)

                    mySheet.Range("A" + CStr(CellIndex)).Value = Reader.GetFoundBarcode
                    mySheet.Range("B" + CStr(CellIndex)).Value = objFile.Name
                Next
            End If
        Next

        Dim subFolder
```

```
        For Each subFolder In objFolder.SubFolders
            ProcessFolder subFolder, mySheet, CellIndex
        Next

    End If

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
```

VIDEO

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

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