

## How to rename files to barcode values with barcode reader sdk in VBScript using ByteScout Barcode Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to rename files to barcode values with barcode reader sdk in VBScript

An easy to understand guide on how to rename files to barcode values with barcode reader sdk in VBScript with this source code sample. ByteScout Barcode Suite can rename files to barcode values with barcode reader sdk. It can be applied from VBScript. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK.

Want to save time? You will save a lot of time on writing and testing code as you may just take the VBScript code from ByteScout Barcode Suite for rename files to barcode values with barcode reader sdk below and use it in your application. This VBScript 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! Want to see how it works with your data then code testing will allow the function to be tested and work properly.

ByteScout Barcode Suite free trial version is available on our website. VBScript and other programming languages are supported.

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### Source Code Files:

## RenameFilesToBarcodeValues.vbs

```
if WScript.Arguments.Count < 2 Then
    MsgBox "Run with the folder path as the argument" & vbCRLF & vbCRLF & "RenameFiles.vbs"
    WScript.Quit 0
End If

Set objFSO = CreateObject("Scripting.FileSystemObject")

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

' make sure they all are upper cases
inputImagesExtensions = UCASE(inputImagesExtensions)

Set bc = CreateObject("Bytescout.BarCodeReader.Reader")

' Set barcode types to find:
bc.BarcodeTypesToFind.Code39 = True
bc.BarcodeTypesToFind.QRCode = True
bc.BarcodeTypesToFind.PDF417 = True

Set objinputFolder = objFSO.GetFolder(WScript.Arguments(0))

' output folder
set objOutputFolder = objFSO.GetFolder(WScript.Arguments(1))

Call ShowSubfolders (objinputFolder)

WScript.Quit 0

Sub ShowSubFolders(fFolder)
    Set objFolder = objFSO.GetFolder(fFolder.Path)
    Set colFiles = objFolder.Files
    For Each objFile in colFiles
        ' check if allowed extension
        If InStr(inputImagesExtensions, UCase(objFSO.GetExtensionName(objFile.name)))>0 Then
            ' read barcode from filename
            WScript.Echo "Reading from: " & objFile.Path
            bc.ReadFromFile objFile.Path

            ' getting the sub folder path
            outputSubFolder = Replace(objFile.Path, objinputFolder.Path, "")
            outputSubFolder = Replace(outputSubFolder, objFile.Name, "")

            ' rename the file to the value of the very first barcode found on this image
            newFileName = bc.GetFoundBarcodeValue(0) & "." & objFSO.GetExtensionName(objFile.name)

            ' replace some special characters as they may not be allowed for use in file names
            newFileName = Replace(newFileName, "<", "_")
            newFileName = Replace(newFileName, ">", "_")

            ' first check if output subfolder exists
```

```

        if Not objFSO.FolderExists (objOutputFolder.Path & outputSubFolder) Then
            objFSO.CreateFolder objOutputFolder.Path & outputSubFolder
        End If

        WScript.Echo "Copying and renaming " & objFile.path & " into " & objOutputFolder.Path & outputSubFolder

        ' copying the source file into output folder with new filename based on the barcode value
        objFSO.CopyFile objFile.path, objOutputFolder.Path & outputSubFolder & newName

    End If
Next

For Each Subfolder in fFolder.SubFolders
    ShowSubFolders(Subfolder)
Next
End Sub

```

RunRenaming.bat

```

REM running from the command line
cscript.exe RenameFilesToBarcodeValues.vbs "input" "output"
pause

```

VIDEO

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

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