

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

Learning is essential in computer world and the tutorial below will demonstrate how to rename files to barcode values with barcode reader sdk in VBScript

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can rename files to barcode values with barcode reader sdk in VBScript.

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 Premium Suite for rename files to barcode values with barcode reader sdk below and use it in your application. IF you want to implement the functionality, just copy and paste this code for VBScript below into your code editor with your app, compile and run your application. This basic programming language sample code for VBScript will do the whole work for you to rename files to barcode values with barcode reader sdk.

Trial version of ByteScout Premium Suite is available for free. Source code samples are included to help you with your VBScript app.

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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 & newFilename

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
```

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VIDEO

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

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