

How to rename files to barcode values with barcode reader sdk in VBScript and ByteScout Data Extraction 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

Source code documentation samples give simple and easy method to install a needed feature into your application. ByteScout Data Extraction Suite can rename files to barcode values with barcode reader sdk. It can be applied from VBScript. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

The SDK samples given below describe how to quickly make your application do rename files to barcode values with barcode reader sdk in VBScript with the help of ByteScout Data Extraction Suite. Simply copy and paste in your VBScript project or application you and then run your app! Enjoy writing a code with ready-to-use sample VBScript codes.

If you want to try other source code samples then the free trial version of ByteScout Data Extraction Suite is available for download from our website. Just try other source code samples for VBScript.

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Source Code Files:

```

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(ffFolder)
    Set objFolder = objFSO.GetFolder(ffFolder.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

            ' rename the file
            objFile.Move objOutputFolder.Path & outputSubFolder & newFileName
        End If
    Next
End Sub

```

```
End If

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

' copying the source file into output folder with new filename based on the barcode value
objFS0.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
```

VIDEO

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

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