

Re: Making folders....

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-07/msg09325.html>

- *From:* "Torgeir Bakken \ (MVP\)" <Torgeir.Bakken-spam@xxxxxxxxxx>
 - *Date:* Mon, 18 Jul 2005 17:52:55 +0200
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Zadig Galbaras wrote:

Hi Torgeir....(Porsgrunn er sikkert en fin by)

This did the trick, except it didn't do the trick in ALL the subfolders. Just the subfolders on the root level. But this is what I've been looking for.

You see the folders for each country are located as a subfolder to each parts of the world like this

The news in Buskerud would be found in C:\The World\Europe\Norway\Buskerud\ And under these folders i.e. C:\The World\ and C:\The World\Europe\ and C:\The World\Europe\ and C:\The World\Europe\Norway\ and C:\The World\Europe\Norway\Buskerud\ I want to add the subfolders of my choice.

This is just a start page idea I will make available free to anyone on my website if I get it right :-)

Hi,

Ok, maybe I will succeed on my third try :-)

Below are two different scripts.

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The first one will create the folders defined in the aNewFolders array variable in *all* existing folders starting with the folder defined in the sBaseFolder variable and all it's subfolders.

The second script is a version that will create new folders only at the subfolder level count specified in the iSubfolderLevel variable.

First script:

```
'-----8<-----  
  
' Script that will populate new folders in all existing folders  
' starting with the folder defined in the sBaseFolder variable  
' and all it's subfolders.  
  
' Define the base folder path  
sBaseFolder = "C:\The World"  
  
' list all new folders to be created here,  
' new1/new2/new3 is just example names you need to change  
aNewFolders = Array("new1", "new2", "new3")  
  
Set oFSO = CreateObject("Scripting.FileSystemObject")  
  
Call CreateFolders(sBaseFolder)  
  
MsgBox "Finished!", vbInformation + vbSystemModal, "Populate folders"  
  
Sub CreateFolders(sFolder)  
  
    Set oFolder = oFSO.GetFolder(sFolder)
```

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```
' enumerate all the subfolders
For Each sFldr In oFolder.SubFolders
    CreateFolders sFldr
Next

For Each sNewFolder In aNewFolders
    If Not oFSO.FolderExists(sFolder & "\" & sNewFolder) Then
        oFSO.CreateFolder sFolder & "\" & sNewFolder
    End If
Next

End Sub
```

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Second script:

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```
' Script that will create new folders only at the subfolder level
' count specified in the iSubfolderLevel variable.
```

```
' Define the base folder path
sBaseFolder = "C:\The World"
```

```
' Defining at what subfolder level the new folders are to be created
' If you set it to 0, the folders will be created in the base folder
iSubfolderLevel = 3
```

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```
' list all new folders to be created here,
' new1/new2/new3 is just example names you need to change
aNewFolders = Array("new1", "new2", "new3")

Set oFSO = CreateObject("Scripting.FileSystemObject")

Call CreateFolders(sBaseFolder)

MsgBox "Finished!", vbInformation + vbSystemModal, "Populate folders"

Sub CreateFolders(sFolder)

    sRelativePath = Mid(sFolder, Len(sBaseFolder)+1)

    If CharCount(sRelativePath, "\") = iSubfolderLevel Then

        For Each sNewFolder In aNewFolders
            If Not oFSO.FolderExists(sFolder & "\" & sNewFolder) Then
                oFSO.CreateFolder sFolder & "\" & sNewFolder
            End If
        Next

    Else
        Set oFolder = oFSO.GetFolder(sFolder)

        ' enumerate all the subfolders
        For Each sFldr In oFolder.SubFolders
            CreateFolders sFldr
        Next
    End If

End Sub
```

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```
Function CharCount(sString, sChar)

    If Len(sChar) <> 1 Or sString = "" Then
        CharCount = 0 : Exit Function
    End If

    Select Case sChar
        Case "\", "$", "*", "+", "?", ".", "(", ")", "|"
            sChar = "\" & sChar
    End Select

    With New RegExp
        .Pattern = sChar
        .IgnoreCase = True
        .Global = True
        CharCount = .Execute(sString).Count
    End With

End Function

'-----8<-----

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torgeir, Microsoft MVP Scripting and WMI, Porsgrunn Norway
Administration scripting examples and an ONLINE version of
the 1328 page Scripting Guide:
http://www.microsoft.com/technet/scriptcenter/default.mspx
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```