
Subject: vbscript help needed

Posted by [reborn](#) on Wed, 09 Dec 2009 14:41:50 GMT

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I'm really not very interested in vbscript at all, but I need to change an existing script I butchered together so that I can delete any subfolder (subfolders of subfolders of subfolders etc etc etc) where the folder contains no files.

I'm already deleting the files themselves if they are over x days old, but it leaves the folders there...

A seperate loop to run afterwards is fine, but would prefer to delete this folders that the files are being deleted out of as I go along in the current loop if possible.

If you can help, I would appreciate it.

' VBscript to delete files in a particular directory after seven days

' Only deletes files that have not been modified and accessed in seven days

```
.....  
" Settings for configuration "  
.....
```

' This setting defines where the log file is placed.

Wheretoplacelogfile = "c:\test\log"

' This setting defines how many days the file needs to of been un-modified and not accessed before deletion

NumberOfDays = -7

' This setting defines what folder needs to be cleaned up

FolderForCleaning = "c:\fake"

```
.....  
" End of settings "  
.....
```

LocalDate = Day(Now()) & "-" & Month(Now()) & "-" & Year(Now())

LocalTime = right("00" & Hour(NOW()), 2) & ":" & right("00" & Minute(NOW()), 2) & ":" & right("00" & Second(NOW()), 2)

Dim objNetwork

Set objNetwork = CreateObject("WScript.Network")

Wheretoplacelogfile = Wheretoplacelogfile & "Deletion Log File created by " & objNetwork.UserName & " " & LocalDate & ".txt"

```

Set fso = CreateObject("Scripting.FileSystemObject")
Set FileWriter = fso.CreateTextFile(Wheretoplacelogfile , True)
FileWriter.WriteLine("-----")
FileWriter.WriteLine("Clean-up log file")
FileWriter.WriteLine("Generated on the " & LocalDate & " at " & LocalTime)
FileWriter.WriteLine("Log file generated by " & objNetwork.UserName & " using computer name "
& objNetwork.ComputerName & " on the " & objNetwork.UserDomain & " domain" )
FileWriter.WriteLine("-----")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")

```

```

Dim Queue
Queue = FolderForCleaning & ";"

```

```

While Queue <> ""
    Dim Path
    Path = Split(Queue, ";")(0)

```

```

Queue = Right(Queue, Len(Queue) - Len(Path) - 1)

```

```

Dim oFSO, oFolder, oFiles, oFile, OSubFolders
    set oFSO = CreateObject("Scripting.FileSystemObject")
    set oFolder = oFSO.GetFolder(Path)
    set oFiles = oFolder.Files
set oSubFolders = oFolder.SubFolders
For Each oSubFolder in OSubFolders
'Note : Only use *lowercase* letters in the folder names below:
If Not LCase(oSubFolder.Name) = "do not delete this folder contents" And Not
LCase(oSubFolder.Name) = "my special folder" Then
    Queue = Queue & oSubFolder & ";"
End if
Next

```

```

For Each oFile In oFiles
    On Error Resume Next
    If (oFile.DateLastModified < DateAdd("d", NumberOfDays, Now())) Then
        FileWriter.WriteLine("File: " & oFile.Name)
        FileWriter.WriteLine("File located: " & oFile.Path)
        FileWriter.WriteLine("The file size is: " & oFile.Size & "Bytes" & " and is a " & oFile.Type)
        FileWriter.WriteLine("Last modified: " & oFile.DateLastModified)
    
```

```
FileWriter.WriteLine("File confirmed for deletion...")
FileWriter.WriteLine("Deleting file...")
oFile.Delete(True)
FileWriter.WriteLine("The file has now been deleted ")
```

```
FileWriter.WriteLine("-----")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
End If

Next

Wend
```

' Probably never going to happen, but best to just check the data again incase it took longer then a day, lol...

```
LocalDate = Day(Now()) & "-" & Month(Now()) & "-" & Year(Now())
LocalTime = right("00" & Hour(NOW()), 2) & ":" & right("00" & Minute(NOW()), 2) & ":" & right("00" & Second(NOW()), 2)
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine(" ")
FileWriter.WriteLine("-----")
FileWriter.WriteLine("Completed on the " & LocalDate & " at " & LocalTime)
FileWriter.WriteLine("-----")
FileWriter.Close
```

```
Set objMessage = CreateObject("CDO.Message")
```

```
objMessage.Configuration.Fields.Item _
("http://schemas.microsoft.com/cdo/configuration/sendusing") = sendusingnum
```

```
'Name or IP of Remote SMTP Server
objMessage.Configuration.Fields.Item _
("http://schemas.microsoft.com/cdo/configuration/smtpserver") = "smpthub"
```

```
'Type of authentication, NONE, Basic (Base64 encoded), NTLM
objMessage.Configuration.Fields.Item _
```

("http://schemas.microsoft.com/cdo/configuration/smtpauthenticate") = someauthypehere

'Server port (typically 25)

objMessage.Configuration.Fields.Item _

("http://schemas.microsoft.com/cdo/configuration/smtpserverport") = some number

'Connection Timeout in seconds (the maximum time CDO will try to establish a connection to the SMTP server)

objMessage.Configuration.Fields.Item _

("http://schemas.microsoft.com/cdo/configuration/smtpconnectiontimeout") = numhere

objMessage.Configuration.Fields.Update

' Was going to email myself the entire log file in the form of the emails body, but screw that...

'These constants are defined to make the code more readable

'Const ForReading = 1, ForWriting = 2, ForAppending = 8

'Dim fso, f

'Set fso = CreateObject("Scripting.FileSystemObject")

'Open the file for reading

'Set f = fso.OpenTextFile(Wheretoplacelogfile, ForReading)

'The ReadAll method reads the entire file into the variable BodyText

'BodyText = f.ReadAll

'Close the file

'f.Close

'Set f = Nothing

'Set fso = Nothing

objMessage.Subject = "Logging for the shared drive"

objMessage.From = "fake@fake.com"

objMessage.To = "spencer-e.elliott@fake.com"

objMessage.CC = "somethotherdude@fake.com"

'objMessage.TextBody = BodyText

'objMessage.TextBody = Wheretoplacefile

objMessage.HTMLBody = vbCrLf & "Clickhere to view the log file for the drive"

objMessage.Send