How to get a list of sub-folders and their files, ordered by folder-names

Can I use `dir` command-line to get a list of sub-folders and their files, ordered by folder-names, and not just file-names ?

using

> dir /s/b/o:gn > f.txt

I first get all sub-folders and only then all sub files, e.g.:

```
d:\root0\root1\folderA
d:\root0\root1\folderB
d:\root0\root1\file00.txt
d:\root0\root1\file01.txt
d:\root0\root1\folderA\fileA00.txt
d:\root0\root1\folderA\fileA01.txt
d:\root0\root1\folderB\fileB00.txt
d:\root0\root1\folderB\fileB01.txt
```

But I want to get -

```
d:\root0\root1\file00.txt
d:\root0\root1\file01.txt
d:\root0\root1\folderA
d:\root0\root1\folderA\fileA00.txt
d:\root0\root1\folderA\fileA01.txt
d:\root0\root1\folderB
d:\root0\root1\folderB\fileB00.txt
d:\root0\root1\folderB\fileB01.txt
```

["file00.txt" and "file01.txt" can also be at the end of the list]

Thanks,

Atara

command-line   directory   ms-dos

edited Feb 28 at 14:30   asked Aug 10 '10 at 9:17

   OmegaMan   Atara
   14k   4   33   51   **1,589**   3   23   41

6 Answers

How about using `sort` ?

`dir /b /s | sort`

Here's an example I tested with:

```
dir /s /b /o:gn

d:\root0
d:\root0\root1
d:\root0\root1\folderA
d:\root0\root1\folderB
```

```
d:\root0\root1\file00.txt
d:\root0\root1\file01.txt
d:\root0\root1\folderA\fileA00.txt
d:\root0\root1\folderA\fileA01.txt
d:\root0\root1\folderB\fileB00.txt
d:\root0\root1\folderB\fileB01.txt
```

```
dir /s /b | sort
```

```
d:\root0
d:\root0\root1
d:\root0\root1\file00.txt
d:\root0\root1\file01.txt
d:\root0\root1\folderA
d:\root0\root1\folderA\fileA00.txt
d:\root0\root1\folderA\fileA01.txt
d:\root0\root1\folderB
d:\root0\root1\folderB\fileB00.txt
d:\root0\root1\folderB\fileB01.txt
```

To just get directories, use the `/A:D` parameter:

```
dir /a:d /s /b | sort
```

edited Dec 19 '14 at 13:08

answered Nov 24 '11 at 17:21

Cylindric
4,312 1 32 57

What if I only want folder names? – Rommel Paras Dec 18 '14 at 23:03

I've updated my answer with a dirs-only option. – Cylindric Dec 19 '14 at 13:08

Would you be so kind and update your answer how to get only files and not folders? – Hemus San Sep 6 '16 at 7:01

2 @HemusSan Only listing files would be this: `dir /a:-d /s /b | sort` – Timm May 12 at 11:36

Hej man, why are you using this ?

> dir /s/b/o:gn > f.txt **(wrong one)**

Don't you know what is that 'g' in '/o' ??

Check this out: http://www.computerhope.com/dirhlp.htm or dir /? for dir help

You should be using this instead:

> dir /s/b/o:n > f.txt **(right one)**

edited Jun 12 '14 at 0:31

answered Dec 14 '12 at 0:58

Community ♦
1 1

appsomobile
79 1 2

Not sure why the upvotes - this is clearly and testably WRONG. pastebin.com/qCUu4AHq – Cylindric Jul 31 '14 at 15:45

`dir /b /a-d /s *.*` will fulfill your requirement.

edited Oct 26 '12 at 7:33

answered Apr 5 '12 at 15:26

Nikana Reklawyks
1,718 1 14 41

Tamal Ghosh
41 1

Command to put list of all files and folders into a text file is as below:

Eg: dir /b /s | sort > ListOfFilesFolders.txt

answered Nov 29 '16 at 7:01

Amar HR
85 1 1 7

**create a vbs file and copy all code below. Change directory location
to wherever you want.**

```
Dim fso
Dim ObjOutFile

Set fso = CreateObject("Scripting.FileSystemObject")

Set ObjOutFile = fso.CreateTextFile("OutputFiles.csv")

ObjOutFile.WriteLine("Type,File Name,File Path")

GetFiles("YOUR LOCATION")

ObjOutFile.Close

WScript.Echo("Completed")

Function GetFiles(FolderName)
    On Error Resume Next

    Dim ObjFolder
    Dim ObjSubFolders
    Dim ObjSubFolder
    Dim ObjFiles
    Dim ObjFile

    Set ObjFolder = fso.GetFolder(FolderName)
    Set ObjFiles = ObjFolder.Files

    For Each ObjFile In ObjFiles
    ObjOutFile.WriteLine("File," & ObjFile.Name & "," & ObjFile.Path)
    Next

    Set ObjSubFolders = ObjFolder.SubFolders

    For Each ObjFolder In ObjSubFolders

        ObjOutFile.WriteLine("Folder," & ObjFolder.Name & "," & ObjFolder.Path)


        GetFiles(ObjFolder.Path)
    Next

 End Function
```

Save the code as vbs and run it. you will get a list in that directory

answered Jul 17 '13 at 12:33

Teemo
3   3

btw, your server or pc must be able to run script.... – Teemo Jul 17 '13 at 12:42

In command prompt go to the main directory you want the list for ... and type the command tree /f

answered Jan 25 at 19:04

samamedh
1