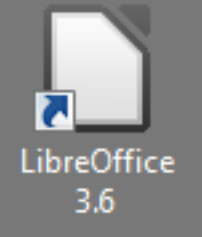How to Report All Folders and Permissions below root.

This shows how to create a list of all folders and the permission settings for all file and folders below root. This example is done on Windows 7 system.

Preuss
2/21/2013

Logon or login to your Windows system.

Player

Recycle Bin

Adobe
Reader XI

LibreOffice
3.6

Programs (1)

Notepad

Files (2)

test03

test02

See more results

notepad ✕

In the search box, type notepad and
tap the enter key.

1:58 PM
2/17/2013

```
REM This batch file will report all allowed Windows folders/directories below root.
REM This batch file will report all allowed permission settings on all allowed files below root.
REM Preuss 2/17/2013

echo 'This is the system name.' > root1.txt
echo %COMPUTERNAME% >> root1.txt

echo 'This is a listing of all attached volumes' >> root1.txt
wmic /output:info.txt volume list
type info.txt >> root1.txt

echo 'This reports the present working directory and drive' >> root1.txt
cd  >> root1.txt

REM echo 'This will change our current directory to the root directory of the current drive using cd \ .' >> root1.txt
REM cd \

echo 'This is a directory listing of all allowed files and folders (directories) below root ( \ )' >> root1.txt
dir \*.*  /S /C /N /Q  >> root1.txt

echo 'This is a listing of all allowed permission settings for files and folders (directories) below root ( \ )' >> root1.txt
icacls \*.* /T /C  >> root1.txt

REM echo 'This command returns to the current logon's home directory' >> root1.txt
REM cd \%USERPROFILE%\ >> root1.txt

REM echo 'This command returns to the current logon's document directoring under the logon's home directory' >> root1.txt
REM cd \%USERPROFILE%\documents >> root1.txt
REM dir >> root1.txt


notepad root1.txt
```
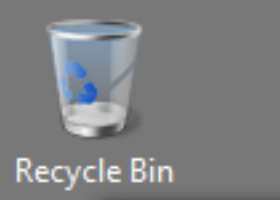
The text in the notepad file is what the example typed to collect the information. You may wish to change a couple of the text in your file.

Win7-libreoffice - VMware Player (Non-commercial use only)

Player

Recycle Bin

root-perm.bat - Notepad

File   Edit   Format   View   Help

```
REM This batch file will report all allowed Windows folders/directories below root.
REM This batch file will report all allowed permission settings on all allowed files below root.
REM Preuss 2/17/2013

echo 'This is the system name.' > root1.txt
echo %COMPUTERNAME% >>

echo 'This is a listing
wmic /output:info.txt v
type info.txt >> root1.

echo 'This reports the
cd  >> root1.txt

REM echo 'This will cha                      . .' >> root1.txt
REM cd \

echo 'This is a director
dir \*.*  /S /C /N /Q                          root1.txt

echo 'This is a listing                   root ( \ )' >> root1.txt
icacls \*.* /T /C  >> r

REM echo 'This command
REM cd \%USERPROFILE%\

REM echo 'This command                      ectory' >> root1.txt
REM cd \%USERPROFILE%\d
REM dir >> root1.txt

notepad root1.txt
```

Save As

preuss ▸ My Documents ▸

Search My Documents

Organize ▾   New folder

Favorites
  Desktop
  Downloads
  Recent Places

Libraries
  Documents
  Music
  Pictures
  Videos

Computer

Name	Date modified	Type
brazil	2/17/2013 1:17 PM	File fol
account.bat	2/17/2013 3:47 PM	Windo
cert.bat	2/17/2013 3:33 PM	Windo
comp-program.bat	2/17/2013 2:37 PM	Windo
cpu.bat	2/17/2013 2:05 PM	Windo
home-perm.bat	2/21/2013 8:22 PM	Windo
ipv4.bat	2/17/2013 3:06 PM	Windo
ipv6.bat	2/17/2013 3:11 PM	Windo
Printable View - CSCI 1110 01 Informatics...	2/17/2013 1:54 PM	Adobe
product.bat		Windo

File name: root-perm.bat
Save as type: All Files (*.*)

Hide Folders   Encoding: ANSI

Now, the examples needs to save your text file. Select save as from the notepad menu. Since the example is not in the documents or my documents folder, select documents or my documents.

8:36 PM
2/21/2013

Win7-libreoffice - VMware Player (Non-commercial use only)

Player
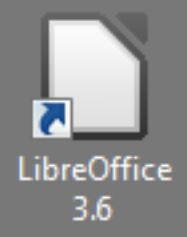
Libraries ▸ Documents ▸

Search Documents

Organize ▾   Open   Share with ▾   Print   E-mail   Burn   New folder

Favorites
- Desktop
- Downloads
- Recent Places

Libraries
- Documents
- Music
- Pictures
- Videos

Computer

Network

Documents library
Includes: 2 locations

Arrange by: Folder ▾

- brazil
- account.bat
- cert.bat
- comp-program.bat
- cpu.bat
- home-perm.bat
- ipv4.bat
- ipv6.bat
- Printable View - CSCI 1110 01 Informatics - Minnesota State Community and Technical College.pdf
- product.bat
- ram.bat
- root-perm.bat
- startup.bat
- subdirect1.bat
- volume.bat

root-perm.bat   Date modified: 2/21/2013 8:36 PM   Date created:
Windows Batch File   Size: 1.26 KB

Since the batch file is saved in documents folder. The example will open the documents folder.

Recycle Bin

Adobe Reader XI

LibreOffice 3.6

Mozilla Firefox

Mozilla Thunderbird

8:36 PM
2/21/2013

Player

Recycle Bin

Adobe Reader XI

LibreOffice 3.6

Mozilla Firefox

Mozilla Thunderbird

C:\Windows\system32\cmd.exe

```
No mapping between account names and security IDs was done.
No mapping between account names and security IDs was done.
\Users\preuss\Documents\My Music\*.*: Access is denied.
\Users\preuss\Documents\My Pictures\*.*: Access is denied.
\Users\preuss\Documents\My Videos\*.*: Access is denied.
\Users\preuss\Local Settings\*.*: Access is denied.
\Users\preuss\My Documents\*.*: Access is denied.
\Users\preuss\NetHood\*.*: Access is denied.
\Users\preuss\PrintHood\*.*: Access is denied.
\Users\preuss\Recent\*.*: Access is denied.
\Users\preuss\SendTo\*.*: Access is denied.
\Users\preuss\Start Menu\*.*: Access is denied.
\Users\preuss\Templates\*.*: Access is denied.
\Users\Public\Documents\My Music\*.*: Access is denied.
\Users\Public\Documents\My Pictures\*.*: Access is denied.
\Users\Public\Documents\My Videos\*.*: Access is denied.
\Users\wife\*.*: Access is denied.
\Windows\LiveKernelReports: Access is denied.
\Windows\ModemLogs: Access is denied.
\Windows\Prefetch: Access is denied.
\Windows\Temp: Access is denied.
\Windows\AppCompat\Programs\*.*: Access is denied.
\Windows\CSC\v2.0.6: Access is denied.
\Windows\CSC\v2.0.6\*.*: Access is denied.
```

subdirect1.bat
volume.bat

root-perm.bat   Date modified: 2/21/2013 8:36 PM   Date created: 2/17/2013 4:12 PM
Windows Batch File   Size: 1.26 KB

The example received many error messages like the one shown. The example did nothing and let the batch file finish.

8:38 PM
2/21/2013

'This is the system name.'
WIN7-AL
'This is a listing of all attached volumes'
Automount BlockSize Capacity   Compressed DeviceID   DirtyBitSet DriveLetter DriveT
TRUE   4096   104853504   FALSE   \\?\Volume{a75ee1d9-6a63-11e2-bd66-806e6f6e6963}\   3
TRUE   4096   4291817472   FALSE   \\?\Volume{c770afdd-7933-11e2-8fe0-000c29e98509}\   FALSE   3
TRUE   4096   64317550592 FALSE   \\?\Volume{a75ee1da-6a63-11e2-bd66-806e6f6e6963}\   C: 3
TRUE   \\?\Volume{a75ee1dd-6a63-11e2-bd66-806e6f6e6963}\   D: 5
'This reports the present working directory and drive'
C:\Users\preuss\Documents
'This is a directory listing of all allowed files and folders (directories) below root (\ )'
 Volume in drive C has no label.
 Volume Serial Number is C490-5D08

 Directory of C:\

02/14/2013 03:35 PM   <DIR>   ...   Happiness
02/19/2013 03:24 PM   <DIR>   win7-al\wife   lab03
02/19/2013 02:45 PM   <DIR>   win7-al\wife   lab04
02/19/2013 02:29 PM   <JUNCTION>   BUILTIN\Administrators mount [\??\Volume{c770afdd-7933-11e2-8fe0-000c29e98509}\]
07/13/2009 09:20 PM   <DIR>   ...   PerfLogs
01/29/2013 03:07 PM   <DIR>   NT SERVICE\TrustedInstaProgram Files
02/11/2013 07:05 PM   <DIR>   NT SERVICE\TrustedInstaProgram Files (x86)
02/19/2013 08:31 PM   <DIR>   win7-al\wife   temp
02/14/2013 02:49 PM   <DIR>   BUILTIN\Administrators Users
02/13/2013 05:55 PM   <DIR>   NT SERVICE\TrustedInstaWindows
               0 File(s)   0 bytes

 Directory of C:\lab03

02/19/2013 03:24 PM   <DIR>   win7-al\wife   .
02/19/2013 03:24 PM   <DIR>   NT SERVICE\TrustedInsta..
01/11/2013 12:22 PM   28,423 win7-al\wife   1148l01.pdf
01/11/2013 12:23 PM   26,336 win7-al\wife   1148l02.pdf
01/11/2013 12:24 PM   30,400 win7-al\wife   1148l03.pdf
01/11/2013 12:25 PM   30,010 win7-al\wife   1148l04.pdf
01/11/2013 12:27 PM   30,863 win7-al\wife   1148l05.pdf
02/19/2013 02:40 PM   735 win7-al\wife   print1.txt

This is the result of running the root-perm.bat file on the example system.