How to report disk Information

This shows how to create a batch file that will collect the Windows system name and information about the disk drive(s). This example is done on a Windows 7 system.

Preuss
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Mozilla Firefox

Shop for HP Supplies

HP Solution Center

HP Photosma...

HP Installati...

Logon or login to your Windows system.

11:22 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Programs (1)

Notepad

See more results

notepad

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

11:22 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Mozilla Firefox

Shop for HP Supplies

HP Solution Center

HP Photosma...

HP Installati...

Untitled - Notepad

File Edit Format View Help

```
REM This batch file collects information about disk drives connected t
REM This batch file uses the WMIC command in Windows
REM This only works on Windows Systems.
REM Preuss 9/9/2014

REM This identifies the computer.
echo 'This is the system name.' >> disk-info.txt
echo %COMPUTERNAME% >> disk-info.txt

REM This gathers the information from the disk(s)
echo 'This is the disk information.' >> disk-info.txt
wmic /output:info.txt diskdrive list
type info.txt >> disk-info.txt

REM This displays our gathered information
notepad disk-info.txt
```

rch Documents

Arrange by: Folder

Type	Size
File folder	
File folder	
File folder	
File folder	
File folder	
Windows Batch File	1 KB

5 items

The text in the notepad document is the batch file contents.

11:34 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Untitled - Notepad

File Edit Format View Help

Save As

Libraries ▸ Documents ▸

Search Documents

Organize New folder

Favorites
Desktop
Downloads
Recent Places

Libraries
Documents
Music
Pictures
Videos

Computer

Documents library

Includes: 2 locations

Arrange by: Folder

Name	Date modified	Typ
advisees	8/30/2011 8:00 AM	File
My Data Sources	8/29/2011 5:46 PM	File
My Scans	9/8/2014 11:26 AM	File
sigite	9/11/2011 3:31 PM	File

File name: *.txt

Save as type: Text Documents (*.txt)

Hide Folders

Encoding: ANSI

Save

Cancel

eSize.L3CacheSize,MaxClockSpeed,Name,ProcessorId,Sys

The batch file needs to be saved. Select the menu option save as from notepad file menu. Please save the batch file in your documents folder as shown.

Installati...

11:24 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Untitled - Notepad

File Edit Format View Help

Save As

Libraries ▸ Documents ▸

Search Documents

Organize New folder

Favorites
Desktop
Downloads
Recent Places

Libraries
Documents
Music
Pictures
Videos

Computer

Documents library

Includes: 2 locations

Arrange by: Folder

Name	Date modified	Typ
advisees	8/30/2011 8:00 AM	File
My Data Sources	8/29/2011 5:46 PM	File
My Scans	9/8/2014 11:26 AM	File
sigite	9/11/2011 3:31 PM	File

File name: *.txt

Save as type: Text Documents (*.txt)

Hide Folders

Encoding: ANSI

Save

Cancel

eSize.L3CacheSize,MaxClockSpeed,Name,ProcessorId,Sys

The batch file needs to be saved. Select the menu option save as from notepad file menu. Please save the batch file in your documents folder as shown.

Installati...

11:24 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Mozilla Firefox

Shop for HP Supplies

HP Solution Center

HP Photosma...

HP Installati...

Untitled - Notepad

File Edit Format View Help

Save As

Libraries ▸ Documents ▸

Search Documents

Organize New folder

Favorites
Desktop
Downloads
Recent Places

Libraries
Documents
Music
Pictures
Videos

Computer

Documents library
Includes: 2 locations

Arrange by: Folder

Name	Date modified	Typ
advisees	8/30/2011 8:00 AM	File
My Data Sources	8/29/2011 5:46 PM	File
My Scans	9/8/2014 11:26 AM	File
sigite	9/11/2011 3:31 PM	File
cpu-info	9/9/2014 11:33 AM	Wir

File name: disk-info.bat

Save as type: All Files

Hide Folders

Encoding: ANSI

Arrange by: Folder

Size

folder
folder
folder
folder

dows Batch File 1 KB

The name of the file must end in .bat

It is best to have only one period in the name.

Change the save as type to All Files.

Remember to save this file in Documents on your computer.

11:35 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Mozilla Firefox

Shop for HP Supplies

HP Solution Center

HP Photosma...

HP Installati...

Libraries ▸ Documents ▸

Search Documents

Organize | Share with | Burn | New folder

Favorites
Desktop
Downloads
Recent Places

Libraries
Documents
Music
Pictures
Videos

Computer

Network

Documents library

Includes: 2 locations

Arrange by: Folder

Name	Date modified	Type	Size
advisees	8/30/2011 8:00 AM	File folder	
My Data Sources	8/29/2011 5:46 PM	File folder	
My Scans	9/8/2014 11:26 AM	File folder	
sigite	9/11/2011 3:31 PM	File folder	
cpu-info		Windows Batch File	1 KB
disk-info		Windows Batch File	1 KB

Open the documents folder on your computer and you should see your batch file. Double click on the file to run the program.

6 items

11:35 AM
9/9/2014

win7-x64-office2010-mailmerge - VMware Player (Non-commercial use only)

Player

Recycle Bin

GroupWise

Mozilla Firefox

Shop for HP Supplies

HP Solution Center

HP Photosma...

HP Installati...

disk-info - Notepad

File Edit Format View Help

```
'This is the system name.'
WIN7-OFFICE2010
'This is the disk information.'
Availability  BytesPerSector  Capabilities  CapabilityDescriptions
              512              {3, 4}        {"Random Access", "Support
```

This is a partial example of the batch file results.

rch Documents

in Windows

nfo.txt

disk(s)

isk-info.txt

Folder

Size

1 KB

1 KB

2 KB

4 KB

disk-info Date modified: 9/9/2014 11:35 AM Date created: 9/9/2014 11:35 AM

Windows Batch File Size: 581 bytes

11:36 AM
9/9/2014