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powershells

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*A few examples from the major Windows command line tools*

## netsh tricks

```
netsh interface show interface
```

```
netsh advfirewall set allprofiles state on
```

```
netsh advfirewall set allprofiles state off
```

```
netsh advfirewall set currentprofile firewallpolicy blockinbound, allowoutbound
```

```
netsh dhcpclient trace enable
```

```
netsh wlan connect ssid="Wireless Net" name=Profile2 interface="Wireless Network Connection"
```

## Powershell and wmic

### Help

```
help
```

```
get-help
```

```
get-help services
```

```
get-help stop-services
```

### files and reg keys

```
Test-Path C:\ ##tab
```

```
Test-Path HKCU:\Software\Microsoft\Windows\CurrentVersion
```

## Service info

```
wmic service list brief
```

```
wmic service get /format:hform > c:\folder\services.html
```

```
start services.html
```

```
wmic /node:steve-pc service list brief
```

## Service manipulation

```
Suspend-Service tapisrv
```

```
Suspend-Service -displayname "telephony"
```

```
Resume-service tapisrv
```

## Processes

```
get-help start-process
```

```
start notepad.exe
```

```
start-process iexplore
```

```
Stop-Process -processname iexplore
```

```
Stop-Process -processname note*
```

## Bios and Hardware

```
wmic bios
```

```
Get-WmiObject Win32_Share | Select Name, Path, Type | FT
```

```
Get-WmiObject Win32_LogicalDisk | Select Name, Size, FreeSpace
```

```
driverquery.exe /v /FO CSV | ConvertFrom-CSV | Select-Object 'Display Name', 'Start Mode', 'Paged Pool(bytes)',
```

Path

## Refs

Command Line Kung fu blog: <http://blog.commandlinekungfu.com/p/index-of-tips-and-tricks.html>

netsh Tech Reference: [http://technet.microsoft.com/en-us/library/cc725935\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc725935(v=ws.10).aspx)

Learn Windows PowerShell Fast Crash Course: <http://www.trainsignal.com/blog/learn-windows-powershell-fast-crash-course>

Task Based Guide Powershell cmdlets: <http://technet.microsoft.com/en-us/library/ee332526.aspx>

<http://www.softwarecrew.com/2011/01/wmic-the-best-command-line-tool-youve-never-used/>

TN Blogs: "Using PowerShell V2 to gather info on free space on the volumes of your remote file server":

<http://blogs.technet.com/b/josebda/archive/2010/04/08/using-powershell-v2-to-gather-info-on-free-space-on-the-volumes-of-your-remote-file-server.aspx>

Finding Driver Information using PowerShell, a PowerTip of the Day, from PowerShell.com:

<http://newdelhipowershellusergroup.blogspot.com/2012/01/finding-driver-information-using.html>

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