



LOGIN

or

REGISTER

Command Line Kung Fu Commands Cheat Sheet

by [karaliking](#)

Disclaimer & Notes

I am not the author of this content. I simply, or not so simply, pulled out the commands and paraphrased from the discussions of the authors of Command Line Kung Fu. Every episode should be linked.

In some cases, I may have updated their commands if I noticed they were outdated.

I plan on continuing to add all episodes. Let me know what my errors are.

C:\> Windows

PS C:\> Windows Powershell

Unix

\$ OS X

Episodes #1-10

Episode #1 `# dos2unix file.txt`

#1

Convert `# sed 's/\r$//' file.txt >newfile.txt`

Dos To

UNIX

Episode #2 `C:\> netsh firewall show portopening`
show all ports allowed

#2

Looking at `C:\> netsh firewall show config`
show all config options

the Config

of Built-In

Firewall

`C:\> netsh firewall show allowedprogram`
show all programs allowed

`# for type in nat mangle filter raw; do ipt`
list all iptables rules in all chains

Episode #3 `C:\> for /L %i in (1,0,2) do @dir /b /a | find /c /v "" & ping -n 6 127.0.0.1>nul`

#3

Watching `# watch -n 5 'ls | wc -l'`

the File

Count in a

Directory

Episode #4 `C:\> for /r c:\ %i in (*) do @echo %~zi, %i`
output to csv and sort in spreadsheet

#4

Listing `# du | sort -nr | head -100`
show top 100 largest directories in descending order

Files and

Their

`# find / -type f -exec wc -c {} \; | sort -`
show top 100 largest files in descending order

Sizes

Episode #5
Simple Text
C:\> FOR /F "tokens=1-5" %a in (lookups.txt) do @(@FOR /F "tokens=1-4 delims=." %i in ("%a") do @e
sed 's/([0-9]*)\.[0-9]*\.[0-9]*\.[0-9]*.in-addr.arpa domain name pointer(.*)\.\/
lookups.txt format: 208.251.16.10.in-addr.arpa domain name pointer server2.srv.mydomain.net.

Manipulation - Reverse DNS Records

Episode #6
Command-Line Ping Sweeper
C:\> FOR /L %i in (1,1,255) do @ping -n 1 -w 100 10.10.10.%i | find "Reply"
for i in `seq 1 255`; do ping -c 1 -w 1 10.10.10.\$i | tr \n ' ' | awk '/1 received/ {print \$2}'

Episode #7
Aborting a System Shutdown
C:\> shutdown /a
abort shutdown
C:\> shutdown /r /t [#_seconds]
to try delaying shutdown
shutdown -c
cancel scheduled shutdown
shutdown -r +<#>
reboot in # minute(s)

Episode #8
Netstat Protocol Stats
C:\> netstat -s
all protocols
C:\> netstat -s -p tcp
all tcp
netstat -s | awk '/:/ { p = \$1 }; (p ~ /^all tcp (works for OS X too)

Episode #9
Display the Nth Line
C:\> find /v /n "" <file> | findstr /b /L [<#>]
will prepend line numbers to output
awk 'FNR = <#>' <file>
C:\> for /F "delims=[] tokens=2" %i in (tmp
used to remove line numbers in output (save output of
head -<#> <file> | tail -1
alternative command

Episode #10
Display Filenames Containing String Within the File
C:\> findstr /s /d:<dir>s /m <string> *.<filetype>
dir=absolute|relative, filetype=file extension
C:\> findstr /s /m <string> <dir>*<filetype>
alternative format
find <dir> -type f -exec grep -l <string> {} +
more flexible, allows for multiple -exec predicates
find <dir> -type f -print0 | xargs -0 gre
alternative safer command (except on Solaris =P)
grep -irl <string> <dir>
slow for larger searches, easy to remember
Additional Research Links
xargs vs exec uses & xargs vs exec efficiency

Episode #11
Listing Files by Inode as a Proxy for Create Time
C:\> dir /tc /od
oldest first (/o-d will show newest first)
ls -li <dir> | sort -n
relative times from clustered inodes

Episode #12
PS C:\> sls spammer@example.com -list -path qf* | rm -path {\$_Path -replace "\\qf","\\[qd]f"}
Note, this is PowerShell

Deleting Related Files	C:\> cmd.exe /v:on /c "for /f %i in ('findstr /m spammer@example.com qf*') do @set stuff=%i & del # grep -l spammer@example.com qf* cut -c3- xargs -I {} rm qf{} df{}"	
Episode #13	DEPRECATED Nessus format, no longer necessary	
Find Vulnerable Systems In A Nessus Export	C:\> for /F "delims=: tokens=2" %i in ('findstr CVE-2008-4250 *.nsr') do @echo %i # awk -F' ' '/CVE-2008-4250/ {print \$1}' sort -u funnel those IP addresses through to Metasploit's msfcli and get shell on all of them	
Episode #14	C:\> doskey /history up to 50 commands stored by default	C:\> F7 bring up prompt with history
Command Line (History) Shortcuts	# CTRL+r find & run cmd containing string (ENTER CTRL+g) # !<string>:p only display cmd, then !! to run # !! run previous cmd # <cmd> !\$ run a cmd with last argument of prev cmd (ALT+. also works) # <cmd> !* run a cmd with all arguments of prev cmd # ^foo^bar run prev cmd replacing 1st instance of foo with bar # ^<string> run prev cmd removing 1st instance of string	# CTRL+p CTRL+n previous or next command in history (up & down) # !<string> run last cmd that starts with string # !-<#> run # previous cmd # <cmd> !-<#>\$ run a cmd with last argument of # prev cmd # <cmd> !-<#>* run a cmd with all arguments of # prev cmd # !:gs/foo/bar/ run prev cmd replacing all instances of foo with bar
Episode #15.1	C:\> net user <user> last time password was set	C:\> dir /tc "C:\Documents and Settings\ first logged in (before Vista)
New User Created When?	#awk -F: '/^<user>:/ {print \$3 * 86400}' /etc/shadow last time password was set (Epoch time)	# ls -ltd /home/<user>/.[^.]* tail -1 first logged in
Episode #15.2	C:\> cscript c:\windows\system32\eventquery.vbs /L security /FI "id eq 642" using "audit account management" event log (XP & 03)	
New User Created When? Cont.	C:\> wevtutil qe security /f:text "/q:[System[(EventID=4720)]]" more using "audit account management" event log (Vista+) # grep <user> /var/log/secure* tail limited history (may be in /var/log/auth.log)	
Episode #16	C:\> wmic qfe where hotfixid="KB958644" list full whether MS08-067 patch was installed and when	# rpm -qa --qf "%-30{NAME} %-15{VERSION} %{" RHEL report for all packages
Got That Patch?	# apt-show-versions -u Debian based (/var/cache/apt/archives may have install dates)	\$ ls -l com.apple.pkg.update.* OS X packages and timestamps
Episode #17	C:\> for /F %i in (names.txt) do @echo %i & nslookup -norecurse %i [DNSserver] find "answer" & e names.txt contains names to check, DNSserver is optional chosen DNS server	
DNS Cache Snooping in a Single	# for i in `cat names.txt`; do host -r \$i [nameserver]; done names.txt contains names to check, DNSserver is optional chosen DNS server # rndc dumpdb -cache if you are the server	

Command	<pre># lsof -a -c named -d cwd find the current working directory of the named process</pre>	
Episode #18	<pre>C:\> ipconfig /flushdns</pre>	<pre>C:\> ipconfig /displaydns</pre>
Clearing The System DNS Lookup Cache	<pre># nscd -i hosts linux flush \$ dscacheutil -flushcache OS X flush</pre>	<pre># netstat -rCn linux recent communication \$ dscacheutil -cachedump -entries Host OS X display cache</pre>
Episode #19	<pre>C:\> type nul > my_file</pre>	<pre>C:\> copy nul my_file shorter command</pre>
Clearing The Contents Of A File	<pre># cat /dev/null > my_file</pre>	<pre># cp /dev/null my_file shorter command</pre>
Episode #20	<pre>C:\> for /L %i in (1,0,2) do @(ping -n 1 HostIPAddr > nul echo ^G) & ping -n 2 127.0.0.1 > nul not ^ and G, actually CTRL+g</pre>	
Ping Beep of Death	<pre># ping x.x.x.x 2>&1 awk -F: '{print \$3}' say \$ ping -A 192.168.1.1</pre>	

[bash](#)
[commandline](#)
[command](#)
[line](#)
[shell](#)
[sh](#)
[fu](#)
[cmdline](#)
[kung](#)
[kungfu](#)
[commandlinekungfu](#)



Download the Command Line Kung Fu Commands Cheat Sheet

Cheatography

Command Line Kung Fu Commands Cheat Sheet
by karaliking via cheatography.com/25231/cs/6623/

Disclaimer & Notes

7 Pages not the author of this content. I simply, or not so simply, pulled out the commands and paraphrased from the discussions of the authors of Command Line

PDF (recommended)

[PDF \(7 pages\)](#)

Alternative Downloads

 [PDF \(black and white\)](#)
 [LaTeX](#)

Created By



Metadata

Languages: [English](#)

Published: 2nd February, 2016

Last Updated: 12th May, 2016

Rated: 5 out of 5 stars based on 2 ratings

Favourited By



Comments

No comments yet. Add yours below!

Add a Comment

Your Comment

Your Name


Your Email Address

Your Comment

Post Your Comment


Related Cheat Sheets

★★★★☆



[bash Shortcuts Cheat Sheet](#)

★★★★☆



[Shell Scripting for Unix and Linux Cheat Sheet](#) by [Steve Parker](#)

★★★★★



bash Cheat Sheet

Latest Cheat Sheet

2 Pages

☆☆☆☆☆ (0)

Old British and Medieval Literature

Cheat Sheet

A summary of Old British Literature

karlaxcr

10 Jul 25

english, literature, lit

Random Cheat Sheet

1 Page

★★★★☆ (12)

bash Shortcuts Cheat Sheet

Shortcuts for bash shell.

CITguy

11 Feb 13, updated 26 Jan 17

bash, linux, command, line, shell

About Cheatography

Cheatography is a collection of **6766 cheat sheets** and quick references in **25 languages** for everything from **travel** to **language**!

Behind the Scenes

If you have any problems, or just want to say hi, you can find us right here:

DaveChild

SpaceDuck

Cheatography

Recent Cheat Sheet Activity

Charles Duarte updated UV Cheatsheet.

1 day 7 hours ago

karlaxcr published Old British and Medieval Literature.

3 days 15 hours ago



[Tamaranth](#) updated [Minecraft Item IDs](#).

1 week ago

© 2011 - 2025 [Cheatography.com](#) | [CC License](#) | [Terms](#) | [Privacy](#)

 [Latest Cheat Sheets RSS Feed](#)

