Linux Commands Cheat Sheet Cheat Sheet

by silkgoat via cheatography.com/78018/cs/19067/

System

cat /proc|/sys	Print the content of kernel memory
df	Display free disk space
dmesg	Print kernel and driver messages
dmidecode	Display hardware information from the BIOS
du	Estimate file/directory space usage
free/vmstat	Display memory usage
lshw / lspci / lsusb	Display hardware information
strace	Trace system calls and signals of a process
sync	Synchronize data on disk with memory
uname	Print system information

File

cat	Print the content of a file
cmp	Compare two files byte by byte
diff	Compare files line by line
file	Determine file type
head	Output the first part of a file
less	Display output one screen at a time
more	Display output one screen at a time
sort	Sort text file
tail	Output the last part of a file
tee	Redirect output to multiple files
touch	Change file timestamp/create empty file
truncate	Shrink or extend the size of a file
which	Locate a command on $PATH (and in aliases)

Users

getent passwd	Get user entries from NSS
id	Print real and effective user and group

Shell

env	Display current user environment variables
false	Do nothing, unsuccessfully
source	Read and execute commands from filename
true	Do nothing, successfully

Search

find	Search for files in a directory hierarchy
grep	Find pattern in a file by lines
locate	Find files (in locatedb generated by updatedb)

Network

arp	Manipulate system arp cache
dig	DNS lookup utility
ip	Manipulate network interfaces settings
mtr	Network diagnostics
netstat	Print network statistics
ping	Send ICMP echo requests to network hosts
tcpdump	Dump network traffic

Processes

kill	Send a signal to a process
lsof	List open files
pkill	Send a signal to a process by name or other attributes
pmap	Report memory map of a process
ps	Report a snapshot of a current process
pstree	Display the process tree
watch	Execute a program periodically and capture the output

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