## Cheatography

## 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 / Ispci / Isusb		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 pa	sswd 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		

## By

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