

General Commands & Navigation Shortcuts			"Show Commands" (The Linux Version) (cont)		
Com mand	Options	Explanation	< Command >	< Options >	< What It Displays >
echo	echo "This text will be displayed."	displays whatever's inside " "			
cat	cat [file]	displays contents of a file or multiple files	dpkg-query	dpkg-query [opt] [file or pkg]	installation status, version, dependencies, & description
cd		change directory		-L [pkg name]	files installed by the package
ls	~~~~~ -a -l ~~~~~ ~~	list contents		-S [file]	which package installed the file
~		current user's home directory	apt-cache stats	-----	statistics from the apt package cache
..		up one directory	rpm	-qa	list of all installed packages
				-q [pkg name]	whether a specific package is installed
				-ql [pkg name]	files installed by the package
				-qf	which package installed the file
			yum info [pkg name]	-Or rpm -qi [pkg name]	general info about the package

### Searching

< Command >	< Syntax >	< What It Displays >
cat	cat [file]	displays contents of a file or multiple files

Command	Searches For:	Reports:
whereis	anywhere the pattern is found (files AND commands)	location of the binary, the source, & the documentation
which	location of shell command	location of the binary & if an alias is being used
locate	faster/easier method <i>Note: May not be current! (use updatedb cmd)</i>	
find		
grep	searches within a file	
type	commands (?)	aliases, functions, & commands built-in to the shell

~ ~ ~ **Volumes/Volume Groups** ~ ~ ~

< Command >	< Options >	< What It Displays >
pvscan	-----	list of physical volumes & associated volume groups

- lvscan
- vgscan
- pvs / vgs / lvs
- pvdisplay / lvdisplay
- vgdisplay

~ ~ ~ **File System Information** ~ ~ ~

< Command >	< Options >	< What It Displays >
mount		

~ ~ ~ **Hardware/System Information** ~ ~ ~

< Command >	< Options >	< What It Displays >
lsusb	lsusb [opt]	info on all connected USB devices
	-v	verbose
	-s [bus name]	info for a specific USB
	-t	shows device hierarchy as a tree

~ ~ ~ **Packages/Device Driver Information** ~ ~ ~



By **River L.** (Tamaranth)  
[cheatography.com/tamaranth/](http://cheatography.com/tamaranth/)

Not published yet.  
 Last updated 2nd May, 2019.  
 Page 1 of 3.

Sponsored by **CrosswordCheats.com**  
 Learn to solve cryptic crosswords!  
<http://crosswordcheats.com>

### Filtering & Manipulating Output

Command	Syntax/Options	Explanation
<b>head</b>	head [options] [value]	displays first line(s)
	-n	specify # of lines to display
<b>tail</b>	tail [opt] [value]	displays last line(s)
	-n	specify # of lines to display
<b>sort</b>	~ ~ ~ ~ ~	sorts output (alphabetically by default)
	-r	reverse order
	-k	by key (can do multiple at once)
	-k6 -M	sort 6th column by month
	-k7n	sort 7th column numerically
<b>tr</b>	tr [opt] [from X] [to Y]	translates (changes) output from another command (must be used w/ pipe)
<b>wc</b>	wc [opt] [file]	prints the number of lines, words, & bytes
	-l	prints only number of lines
	-w	prints only word count
	-c	prints only byte count
	-m	prints character count
	-L	prints length of longest line
<b>tee</b>	[command]   tee [file]	displays & writes to file simultaneously

### Vi Editor

~ Command ~	~ Mode ~	~ What It Does ~
u	Insert	undo

### To Enter Insert Mode

a	appends text after cursor
---	---------------------------

