

General Commands & Navigation Shortcuts			"Show Commands" (The Linux Version) (cont)	
Command	Options	Explanation	<b>dpkg-query</b> dpkg-query [opt] [file or pkg]	
<b>echo</b>	<b>echo</b> "This text will be displayed."	displays whatever's inside " "		
<b>cat</b>	<b>cat</b> [file]	displays contents of a file or multiple files	<b>-L</b> [pkg name]	
<b>cd</b>		change directory		
<b>ls</b>	<b>~</b>	list contents	<b>-S</b> [file]	
	<b>-a</b>			
	<b>-l</b>		<b>apt-cache stats</b> -----	
	<b>~</b>	current user's home directory		
<b>..</b>		up one directory	<b>rpm</b> <b>-qa</b>	
<b>"Show Commands" (The Linux Version)</b>			<b>-q</b> [pkg name]	
			<b>-ql</b> [pkg name]	
			<b>-qf</b>	
			<b>yum info</b> [pkg name]    -or- <b>rpm -qi</b> [pkg name]	
			<b>Searching</b>	

< Command >	< Syntax >	< What It Displays >
<b>cat</b>	<b>cat</b> [file]	displays contents of a file or multiple files
<b>Volumes/Volume Groups</b>		
< Command >	< Options >	< What It Displays >
<b>pvscan</b>	-----	list of physical volumes & associated volume groups
<b>lvscan</b>		
<b>vgscan</b>		
<b>pvs / vgs / lvs</b>		
<b>pvdisplay / lvdisplay</b>		
<b>vgdisplay</b>		
<b>File System Information</b>		
< Command >	< Options >	< What It Displays >
<b>mount</b>		
<b>Hardware/System Information</b>		
< Command >	< Options >	< What It Displays >
<b>lsusb</b>	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
<b>Packages/Device Driver Information</b>		
< Command >	< Options >	< What It Displays >

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

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)



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### Filtering & Manipulating Output (cont)

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

### Vi Editor

Command	Mode	What It Does
<b>u</b>	Insert	undo

### To Enter Insert Mode

<b>a</b>	appends text after cursor
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