

<b>Directory Operations</b>		<b>File Searching</b>		<b>Processes</b>		<b>Editing Text Files</b>	
<code>pwd</code>	Show current directory	<code>grep pattern file</code>	Search for lines with <i>pattern</i> in file	<code>ps</code>	Show processes of user	<code>nano</code>	Text editor
<code>cd dir</code>	Change to directory <i>dir</i>	<code>grep -v</code>	Inverted search	<code>ps -e</code>	Show all processes	Shortcuts	
<code>mkdir dir</code>	Create a new directory <i>dir</i>	<code>grep -r</code>	Recursive search	<code>ps -fA</code>	Show all processes in detail	<code>Ctrl-o</code>	Save file
<code>rmdir dir</code>	Delete directory <i>dir</i>	<code>grep -e patt -e patt</code>	Multiple patterns	<code>top</code>	Show processes in real-time	<code>Ctrl-x</code>	Close file
<code>ls dir</code>	List contents directory <i>dir</i>	<code>locate file</code>	Quick search for <i>file</i>	<code>cmd &amp;</code>	Run command in background	<code>Ctrl-r</code>	Open file
<b>Special Directories</b>		<code>which cmd</code>	Find location of binary	<code>Ctrl-c</code>	Stop (kill) currently active process	<code>Ctrl-k</code>	Cut line of text
<b>Is Options</b>		<code>find dir -name pattern</code>	Find file with <i>pattern</i> in <i>dir</i>	<code>Ctrl-z</code>	Suspend currently active process	<code>Ctrl-u</code>	Paste line of text
Current directory	<code>-a</code> all inc. hidden	<b>Standard IO Streams</b>		<code>bg</code>	Place suspended process in background	<code>Ctrl-d</code>	Delete character
Up a directory	<code>-l</code> long format	<code>stdin</code>	Input typed on the command line	<code>fg</code>	Bring background process to foreground	<code>Ctrl-w</code>	Search for text
Current directory	<code>-t</code> sort by time	<code>stdout</code>	Output on the screen	<code>kill pid</code>	Kill process with process <i>id pid</i>	<b>Text File Operations</b>	
Home directory	<code>-S</code> sort by size	<code>stderr</code>	Errors output on the screen	<code>kill -9 pid</code>	Kill process <i>pid</i> (ungraceful)	<code>wc</code>	Line, word and character count
Root directory	<code>-r</code> reverse order	<code>echo string</code>	Write <i>string</i> to <code>stdout</code>	<b>Bash Shortcuts</b>		<code>sort file</code>	Sort <i>file</i> , line by line
Previous directory	<code>-R</code> recursive	<b>Redirection</b>		<code>Ctrl-k</code>	Cut line of text	<code>uniq file</code>	Display only unique lines of <i>file</i>
<b>File Operations</b>		<code>cmd &gt; file</code>	Output of <i>cmd</i> to <i>file</i>	<code>Ctrl-y</code>	Paste line of text	<code>sed 's/abc/def/g' file</code>	Replace all occurrences of <i>abc</i> with <i>def</i> , output to <code>stdout</code>
<code>touch file</code>	Create file <i>file</i>	<code>cmd &lt; file</code>	<i>file</i> used as input to <i>cmd</i>	<code>Ctrl-e</code>	Go to end of line	<code>cut -d " " -f N file</code>	Display field <i>N</i> of space delimited file
<code>cp file1 file2</code>	Copy <i>file1</i> to <i>file2</i>	<code>cmd &gt;&gt; file</code>	Append output to <i>file</i>	<code>Ctrl-a</code>	Go to start of line	<code>cut -d ",", -f M-N file</code>	Display fields <i>M-N</i> of comma delimited <i>file</i>
<code>mv file1 file2</code>	Move <i>file1</i> to <i>file2</i>	<code>cmd 2&gt; file</code>	Write errors to <i>file</i>	<code>TAB</code>	Autocomplete command/file	<b>GUI applications via Command line</b>	
<code>rm file</code>	Delete <i>file</i>	<code>cmd &amp;&gt; file</code>	Errors and <code>stdout</code> to <i>file</i>	<code>TAB-TAB</code>	Show list of possible autocompletes	<code>gedit</code>	Text editor
<code>cat file</code>	Display contents of <i>file</i>	<b>Pipes and Multiple Commands</b>		<code>up arrow</code>	Scroll previous commands	<code>wireshark</code>	Packet capture and display
<code>cat file1 file2</code>	Concatenate files	<code>cmd1   cmd2</code>	<code>Stdout</code> of <i>cmd1</i> is used as input to <i>cmd2</i>	<code>down arrow</code>	Scroll previous commands	<code>eog</code>	Image viewer
<code>less file</code>	Display <i>file</i> (paginated), q to quit	<code>cmd1  &amp;cmd2</code>	<code>Stderr</code> of <i>cmd1</i> is used as input to <i>cmd2</i>	<code>history</code>	List recent commands	<code>evince</code>	PDF viewer
<code>head file</code>	Show first 10 lines	<code>cmdpart1 \ cmdpart2</code>	Continue command on next line	<code>!!</code>	Repeat last command	<code>nautilus</code>	File explorer
<code>tail file</code>	Show last 10 lines	<code>cmd1; cmd2</code>	Execute <i>cmd1</i> then <i>cmd2</i>	<code>!N</code>	Execute command <i>N</i> from history	<b>Administrator Privileges</b>	
	<code>-n N</code> <i>N</i> lines			<code>!abc:p</code>	Print last command starting with <i>abc</i>	<code>sudo cmd</code>	Execute <i>cmd</i> with admin privilege
	<code>-f</code> Continuous update			<code>!abc</code>	Execute last command starting with <i>abc</i>	<code>su username</code>	Switch to user <i>username</i>
<b>Help</b>							
<code>man cmd</code>	Manual page for <i>cmd</i>						
<code>man -k word</code>	Search for manual page with <i>word</i>						
<code>-h</code>	Commands show help when used						

Figure 1. A nice cheat sheet for Linux