

## Shell Command Cheat Sheet

<b>pwd</b>	<i>print working directory</i>	
<b>whoami</b>	<i>identifies username</i>	
<b>cd</b>	<i>change directory</i>	cd <new directory>
<b>touch &lt;filename&gt;</b>	<i>creates empty file &lt;filename&gt;</i>	touch <filename>
<b>ls</b>	<i>list contents of directory</i>	ls
<b>ls -al</b>	<i>(-a) show hidden files, (-l) list in long format</i>	ls -al
<b>ls -rt</b>	<i>(-t) order by timestamp, (-r) reversed</i>	ls -lrt
<b>rm</b>	<i>remove file</i>	rm <filename>
<b>rm -r</b>	<i>remove recursively (remove directory and contents)</i>	rm -r <directory>
<b>&lt;tab&gt; completion</b>	<i>use to allow shell to guess what you want to type</i>	ls d[tab]
<b>history</b>	<i>prints the most recent commands used</i>	
<b>less</b>	<i>shows contents of a text file, with navigation</i>	
<b>cat</b>	<i>prints out contents of text file, no navigation</i>	cat <filename>
<b>tail</b>	<i>prints last lines of file</i>	tail <filename>
<b>head</b>	<i>print first lines of file</i>	head <filename>
<b>grep</b>	<i>match pattern</i>	ls   grep <pattern>
<b>  pipe</b>	<i>inter-process communication</i>	ls   wc -l
<b>redirection &gt; &gt;&gt;</b>	<i>takes input and redirects to output</i>	cat <filename> >> newfile
<b>wc</b>	<i>word count, counts words in input (-l) only count lines</i>	ls   wc -l
<b>mv</b>	<i>renames, and or moves file location</i>	mv <name> <newname>
<b>mkdir</b>	<i>make directory</i>	mkdir <newname>
<b>cp</b>	<i>copy file</i>	cp <file> <file in new location>
<b>env</b>	<i>explore environment variables</i>	env
<b>gedit</b>	<i>text editor</i>	gedit <filename>
<b>.bashrc</b>	<i>bash (shell) resource files that controls shell behavior</i>	
<b>grin</b>	<i>search for pattern textfiles, will recurse directories</i>	grin <pattern> directory/