

Linux Basics cheat sheet

Connecting to a system	<code>ssh user@host</code>	Getting help	<code>man command</code> <code>command --help</code> <code>help command</code>
Changing working directory	<code>cd somewhere</code>		
Going one directory up	<code>cd ..</code>		
Returning to home directory	<code>cd ~</code>	Exiting something	<code>Esc / q / Ctrl+D / Ctrl+C</code>
Listing files	<code>ls</code>	Wildcards	<code>a*d</code> matches <code>abcd, aad, ad</code> <code>a?</code> matches <code>ab, a1</code> <code>{a,b}</code> becomes <code>a b</code> <code>a{1..4}</code> becomes <code>a1 a2 a3 a4</code>
Displaying files	<code>cat file</code>	Braces	
Displaying large files	<code>less file</code>		
Displaying file parts	<code>head file</code> <code>tail file</code>	Save output to file	<code>command > file</code>
		Add output to file	<code>command >> file</code>
		Discard output	<code>command > /dev/null</code>
Editing files	<code>nano file</code> <code>vim file</code>	Read input from file	<code>command < file</code>
Moving files / folders	<code>mv source dest</code>	Passing output to command	<code>command1 command2</code>
Renaming files / folders	<code>mv old new</code>		
Copying files	<code>cp file dest</code>	Run in background	<code>command &</code>
Copying folders	<code>cp -r source dest</code>	Examine background jobs	<code>jobs</code>
Deleting files	<code>rm file</code>	Run a screen session	<code>screen</code>
Deleting folders	<code>rm -r folder</code>	Reconnect to a session	<code>screen -dR</code>
		Disconnect from a session	<code>Ctrl+A, Ctrl+D</code>
Downloading files	<code>wget https://example.com/file</code>	Making a file executable	<code>chmod +x file</code>
Copying file to remote system	<code>scp file user@host:dest</code>	Execute file in current directory	<code>./file</code>
Setting shell variable	<code>name=value</code>	Execute 2 commands	<code>command1; command2</code>
Setting environment variable	<code>export NAME=value</code>	Execute 2 nd if 1 st successful	<code>command1 && command2</code>

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