

Linux command line Cheat Sheet by alessandro.grassi via cheatography.com/31567/cs/9591/

Directory Operations	
pwd	Show current directory
mkdir < <i>dir</i> >	Make directory < dir>
cd <dir></dir>	Change directory to <dir></dir>
cd	Go up one directory
ls	List files

File operations	
cat <file></file>	print the contents of <file></file>
cat <file1> <file2></file2></file1>	concatenate <file1> and <file2> and print the result</file2></file1>
less <file></file>	view and paginate <file></file>
cp <file1> <file2></file2></file1>	copy <file1> to <file2></file2></file1>
mv <file1> <file2></file2></file1>	move <file1> to <file2></file2></file1>
rm <file></file>	delete <file></file>
head <file></file>	show the first 10 lines of <file></file>
tail <file></file>	show the last 10 lines of <file></file>
nano <file></file>	edit the contents of <file></file>

Bash shortcuts		
CTRL-c	Stop current command	
CTRL-a	Go to start of line	
CTRL-e	Go to end of line	
CTRL-r	Search history	
TAB	Auto-complete current command or filename	
TAB TAB	Show possible completion options	
Û	Use TAB completion as much as possible, it both makes typing faster and prevents typing errors!	

Important tip

Most commands which perform an operation (cp, mv, rm, touch...) do not print any output when they are successful. If they do, *probably there is an error*.

In any case, **always check the output** of your commands carefully, to be sure that no error occurred.

Nano Shortcuts		
Saving files		
Ctrl-O	Save file (confirm with Y)	
Ctrl-X	Close file (confirm saving with Y)	
Cut and paste		
ALT-A	Start marking text	
CTRL-K	Cut marked text or line	
CTRL-U	Paste text	
Navigate file		
CTRL-A	Beginning of line	
CTRL-E	End of line	
CTRL-C	Show line number	
CTRL	Go to line number	
Search		
CTRL-W	Find text	
ALT-W	Find next occurrence	

Network management	
ifconfig	Display current network configuration
ifconfig <iface> up</iface>	activate interface < iface>
ifconfig <iface> down</iface>	deactivate interface <iface></iface>
ifconfig <iface> <ip> netmask <mask></mask></ip></iface>	configure interface <iface> with given <ip> and <mask></mask></ip></iface>
ping <ip></ip>	check if <ip> is reachable</ip>

IO Redirection	
command < file	Input of command from file
command > file	Output of command to file
command > /dev/null	Discard output of command
command >> file	Append output of command to file



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Published 24th October, 2016. Last updated 24th October, 2016. Page 1 of 1. Sponsored by **CrosswordCheats.com**Learn to solve cryptic crosswords!
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