



## linux command line v3.22

[noplabs.com](http://noplabs.com)  
[github.com/noplabs](https://github.com/noplabs)

### #vi

i	Enter insert mode
ESC	Enter command mode
O	insert new line before
o	insert new line after
:w	save file
:x	save and exit
:q	exit (no changes)
:q!	exit ignoring changes
/pattern	search for a pattern
n	find next occurrence
x	delete a single char.
D	del. the rest of line
dd	delete current line
yy	yank (copy) line
yw	yank a word
y\$	yank to end of line
h	move left 1 char
j	move down 1 char
k	move up 1 char
l	move right 1 char
w	move forward 1 word
b	move to start of word
e	move to end of word
^	move to beg. of line
\$	move to end of line
G	move to last line
gg	move to first line

### #search

grep	match patterns
locate	locate using db
find	search for files

### #connections

scp	secure file copy
rsync	remote file copy

### #files

ls	list directory
pwd	print working dir.
rm	remove file or dir.
cp	copy file
mv	move file
ln	make link
touch	create file
cat	concatenate files
less	display page a time
head	first 10 lines of file
tail	last 10 lines of file
file	identify a file type

### #archives

tar	archiving utility
-----	-------------------

### #redirection

>	redirect STDOUT
>>	Append STDOUT
2>	redirect STDERR
<	redirect STDIN
	Pass STDOUT to STDIN

### #system

hostname	show hostname
w	who is logged in
free	free memory
watch	interval
ifconfig	interface config
df	disk usage

### #users

id	show user id
whoami	show user
useradd	add a user
userdel	remove a user
usermod	modify a user

### #processes

ps	snapshot of processes
top	display processes
htop	process viewer
kill	send signal to process
&&	logical and operator
bg	background a process
fg	bring process forward

### #git

git init	Initialize directory
git clone	retrive repo
git commit	commit staged
git push	transmit local repo
git pull	fetch and merge
git add	add a file
git reset	clear staging
git rm	delete file
git mv	change file path
git status	show modified files
git diff	diff of changed
git config	user/email/etc
git branch	new branch
git checkout	switch branch & checkout
git merge	merge history to current
git log	show all commits in branch