

VIM KEYBOARD COMMANDS

MOVEMENT

h	move cursor left
j	move cursor down
k	move cursor up
l	move cursor right
G	move to the bottom of file
gg	move to the top of the file
0 (zero)	move to the beginning of line
\$	move to the end of line
:#	move to line number # (replace # with the number)
H	(H)igh - move to the top of the screen
M	(M)iddle - move to the middle of the screen
L	(L)ow - move to the bottom of the screen
#h [j/k/l]	move in a specified direction multiple times
b / B	move to the start of a word / token
w / W	move to the start of the next word / token
e / E	move to the end of a word / token
Ctrl+b	move back one full screen
Ctrl+f	move forward one full screen
Ctrl+d	move forward 1/2 a screen
Ctrl+u	move back 1/2 a screen
Ctrl+e	move screen down one line (without moving cursor)
Ctrl+y	move screen up one line (without moving cursor)
Ctrl+o	move backward through the jump history
Ctrl+i	move forward through the jump history

SEARCH AND REPLACE

Search

*	jump to the next instance of a word
#	jump to the previous instance of a word
/pattern	search forward for the specified pattern
?pattern	search backward for the specified pattern
n	repeat the search in the same direction
N	repeat the search in the opposite direction

Replace

:s/old/new	replace the first match of {old} with {new}
:s/old/new/g	replace all matches of {old} with {new}
:s/old/new/gc	confirm each match replacement of {old} with {new}

COPY / CUT / PASTE

Copying

yy	copy an entire line
#yy	copy the specified # number of lines
yaw	copy a word with its trailing whitespace
yiw	copy a word without its trailing white-space
y\$	copy everything right of the cursor
y^	copy everything left of the cursor
ytx	copy everything between the cursor and a specified character (x)
yfx	copy everything between the cursor and a specified character (including that character)

Cutting

dd	cut the entire line
#dd	cut # number of line
d\$	everything right of the cursor

Pasting

p	paste text after the cursor
P	paste text before the cursor

MARKING

v	marking text using character mode
V	mark lines using line mode
Ctrl+v	mark text using block mode
gv	Reselect block
o	move from one end of the marked text to the other
aw	mark a word
ab	mark a block with ()
aB	mark a block with {}
at	mark a block with <>
ib	mark inner block ()
iB	mark inner block {}
it	mark inner block <>
y	yank (copy) the marked text
d	delete (cut) the marked text
p	paste the text after the cursor
u	change the marked text to lowercase
U	change the marked text to uppercase

EDITING

Insert

i	insert text before the cursor
I	insert text at the beggining of the line
s	delete a character (+ move into insert mode)

Append

a	append text after the cursor
A	append text at the end of the line
ea	append text at the end of the word

New Line

o	open a new line below the current one
O	open a new line above the current one

Replace

r	replace a single character (+ return to command mode)
cc	replace entire line (+ move into insert mode)
C / c\$	replace from cursor to the end of line
cw	replace from cursor to the end of the word

Delete

dd / D	delete a single line
dw	delete a single word
#dd / d#d	delete multiple lines (replace # with number)
:#,#d	delete a range of lines (replace # with number)
:%d	delete all lines
::\$d	delete from current line to the end of the file
dgg	delete from current line to the beginning of file
:g/pattern/d	delete lines containg a specified pattern
:g!/pattern/d	delete lines that don't contain a specified pattern
:g/^\$/d	delete all blank lines

UNDO

u / :u / :undo	undo changes made in last entry
#u	undo # number of changes
U	undo latest changes in line

REDO

Ctrl+r	redo mulitple changes
#Ctrl+r	redo # number of changes

MACROS

qa	record macro (a)
q	stop recording macro
@a	run macro (a)
@@	run last macro again

MULTIPLE WINDOWS

:e filename	open file in new buffer
:sp filename	open filename in split horizontal viewport
:vs filename	open filename in split vertical viewport
:vert ba	edit all files in vertical viewports
:tab ba	edit all buffers as tabs
gt	move to next tab
gT	move to previous tab
Ctrl+ws	split viewport horizontally
Ctrl+wv	split viewport vertically
Ctrl+ww	switch viewports
Ctrl+wq	quit a viewport
Ctrl+wx	exchange current viewport for next
Ctrl+=	make all viewports equal size
:hide	close current window
:only	keep only this window open
:ls	show current buffers
:bn	move to next buffer
:bp	move to previous buffer
:bd	close buffer
:b filename	move to buffer by filename
:b#	move to buffer number #

FILE MANAGEMENT SAVE / QUIT

:q	quits if no changes were made
:q! / ZZ	force quit without saving changes
:w	save/write the current file
:w filename	save/write as specified filename
:w !sudo tee %	write out the current file using sudo
:wq / ZQ	save/write the file and quit
:wq!	save/write/quit the file even if readonly