

Vim Quick Reference

MOVEMENT

Special

I - <Ctrl-g>	display absolute/relative file path/status
gf , <Ctrl-w> f , <Ctrl-w> gf	open file in new window/tab
:e <Ctrl-D>	show the list of files at current directory
!p4 edit %	p4 edit current file in window

By Line

G	go to end of file
nG	go to line <i>n</i>
0 , \$	begin, end of a line
^ or _	first non-blank char on line
+ , -	first non-blank char on next, previous line

By Screen

Ctrl-F , Ctrl-B	scroll forward, back one full screen
Ctrl-D , Ctrl-U	scroll forward, back half a screen
Ctrl-E , Ctrl-Y	scroll screen up, down by one line
H , M , L	go to top, middle, bottom of screen
z↓ , z-	position line with cursor at top / bottom
z. , zz	position line with cursor at middle

By Window

:sp / :vsp	split window horizontally / vertically
Ctrl-ww	move cursor between windows
Ctrl-w > , Ctrl-w <	horizontally resize window
:hide	hide current window
Ctrl-w-o/q	use/quit current window only

By Buffer

:ls , :buffers	list buffers
:b , <Ctrl-^>	switch between buffers
:bn , n-<Ctrl-^>	switch to buffer <i>n</i>
<Ctrl-p>, <Ctrl->	open prev file / next file
<Ctrl-o>, <Ctrl-tab>	jump to prev / next position
:bdelete n/filename	delete buffer <i>n</i> / filename

By Character

h , j , k , l	left, down, up, right
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By Tab

\$vim -p *.txt	open files in tab windows
:tabe / :tabf <i>a.txt</i>	open/find file in a new tab window
:tab sball	open all files in buffer in tab windows
/gt/	switch to next tab window
<Ctrl-pgup>, <Ctrl-pgdn>	switch to next tab window

Miscellaneous Movement

Ctrl-O , Ctrl-I (Tab)	move to previous / next location
fm , Fm , tm , Tm	fwd, bkd to/before and after character <i>m</i>
w , W , b , e , B , E	move to next word, beginning, end of word
) , (, [[, [[,] ,] , { , {	next/prev sentence, section/func, paragraph
%	go to matching parenthesis (), { }, []
mp	mark current position(line) as <i>p</i> (a..z)
`p	move to marker line <i>p</i>
'p	move to first char on marker line <i>p</i>

EDITING TEXT

Entering Text

.	repeat last command of text editing
~	toggle character case
O , o	open line to enter above, below current line
A , a	append after line, after cursor
I , i	insert before line, before cursor
r	replace character under cursor
cm , cc	change <i>m</i> characters, a line (del & ins.)
J	join end of line with next line
U	undo changes on current line
u	undo last command
:r f	insert text from external file <i>f</i> (paste a file)
:r!(shell cmd)	insert shell command output

Cut, Copy, Paste

dm , dd	delete <i>m</i> characters, the whole line
d% , y%	delete/yank a block of { }, [], or ()
D	delete until end of line
x , X	delete character under, before cursor
ym	yank to buffer (<i>m</i> is movement)
yy , Y	yank current line to buffer
p , P	paste from buffer after, before cursor
"bdd , "byy	cut, yank line to named buffer <i>b</i> (a..z)
"bp	paste from named buffer <i>b</i>

Indentation

==	indent the line <i>correctly</i>
=%	indent a block of { }, [] or () <i>correctly</i>
gg=G	indent entire buffer/file <i>correctly</i>
n> , n>m	indent <i>n</i> lines (<i>m</i> is movement)
n< , n<m	un-indent left <i>n</i> lines (<i>m</i> is movement)
>% , <%	indent a block of { }, [] or ()
>a	indent from marker 'a' to current line
:retab	correct tabs (tabs -> spaces)

Searching and Replacing

/word , ?word	search forward/backward for <i>word</i>
n , N	repeat search in same, opposite direction
:s/old/new/g	replace all occurrences on the line
:%s/old/new/g	replace all occurrences in file
:%s/old/new/gc	same as above, with confirmation
&	repeat replacement operation
, g , g#	search word at cursor (whole, partial, f/b)

Miscellaneous

<Ctrl-g>	show status
/ <Ctrl-f> , :his /	list vi search history
:his	list vi command history
:set ft=c	set to use C-style file type

Combinations

@:	repeat previous command line
d^ , d\$, dW , dw	delete to line beginning, end, Word, word
d3l , x3	delete 3 characters after cursor, inclusively
i + Ctrl-V + Tab	insert a tab

:w !<cmd>	pipe shell command result to buffer
d2h , X2	delete 2 characters before cursor, exclusively
c^ , c\$, cW , cw , c3l , c2h	change (delete and insert)
<Shift-v>	select whole line of text in visual mode

Regional Delete/Yank to default buffer

dG , yG	delete/yank until end of file
dnG , ynG	delete/yank from current line until line <i>n</i>
ndd , nyy	delete/yank <i>n</i> lines
"v" at start position, "d" / "y" at end position	

dL , yL	delete/yank until bottom line on screen
:n,md , :n,my	delete/yank from line <i>n</i> to line <i>m</i>
:n,d , :n,y	delete/yank until current line

Regional Copy/Paste/Delete to specified buffer

(1) At region start line, type **"ma"** to set marker "a". (2) At region end line, use **:'a,y b** to yank the region from marker "a" to current line into buffer "b". (3) At the desired line, use **:pu b** to paste the content of buffer "b".