Vim Cheatsheet

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Format of command is: "Verb Range Motion"

For example, if you use d2w, it will delete 2 words.(To exit insert or visual mode use <Esc>)
*If you do not use any range, it will automatically set it to 1. Also some verb can be used repeatedily.
*Also Certain words allow "i" to be a range which i stands for inclusion. For example,dw will delete
the word from the cursor but diw will delete the entire word.

Verb/Editing

gg -Go to (20gg goes to line 20)

f+character -Finds first instance of character

r -Replace a single character

J -Join the line below with the current

c -Replace (combine with Motion and/or Range)

x -Deletes the character at current cursor (cut)

d -Delete (cut)

D -Deletes from cursor to end of line

y -Yank the highlighted text (copy)

p -Paste the clipboard

u -Undo

U -Returns the last line modified to its original state

Ctrl+r -Redo

> -Indent to the right

< -Indent to the left

~ -Changes charater's case

Insertion/Deletion

i -Insert mode at current cursor

I -Insert mode at beginning of line

a -Insert mode after the cursor

A -Insert mode at end of line.

o -Append a new line below the current line

O -Append a new line above the current line

s -Delete word and enter insert mode

S -Delete line and enter insert mode

Motion/Navigation

h -Left

j -Down

k -Up

l -Right

w -Jump forward to the start of a word

W -Jump forward to the start of a word (can contain punctuation)

e -Jump forward to the end of a word

E -Jump forward to the end of a word (can contain punctuation)

b -Jump backward to the start of a word

B -Jump backward to the start of a word (can contain punctuation)

0 or ^ -Jump to the start of the line

$ -Jump to the end of the line

% -Jump to matching bracket

G -Go to end of file

H -(High)Go to top of visible page

M -(Middle)Go to middle of visible page

L -(Low)Go to bottom of visible page

(-Jump forward one sentence

) -Jump backward one sentence

{ -Jump forward one paragraph

} -Jump backward one paragraph

''(backticks) -Return to the line where cursor was before latest jump

Other Navigations

Crtl-U -Scroll Up

Ctrl-D -Scroll down

Ctrl-E (Efter) -Scroll down one line

Ctrl-Y (Yore) -Scroll up one line

:NUMBER -Go to line NUMBER

NUMBER + G -Go to line NUMBER (i.e.: 25G)

Commands

Save/Exit

:q -Quit

:q! -Quit (Ignores changes made)

:w -Save

:wq (:x) -Save and quit

:w FILENAME -Saves into FILENAME

Tabs/Split

:tabe -Creates a new tab

:tabe FILENAME -Creates a new tab with name FILENAME

gt -Moves to next tab

gT -Moves to previous tab

#gt -Move to tab number #

Visual Commands

Ctrl+v -Enter visual mode (highlight)

v -Start visual mode from cursor

V -Start linewise visual mode

< -Shift text left

> -Shift text right

Macros

q+character -Start recording to register character

q -Stop recording

@+character -Execute Macro on character

@@ -Execute the same macro again

"Highlighted text" + zf -Folds highlighted text

zf "NUMBER" j -Creates folds from cursor down NUMBER lines

zf/STRING -Creates fold from cursor to STRING

zj -Move to next fold

zk -Move to previous fold

Substitution/Searching

:s/OLD/NEW/g -Replaces all inteances of OLD in current line and replaces with NEW

:%s/OLD/NEW/g -Replaces all instances of OLD with NEW

:%s/OLD/NEW/gc -Replaces all instances of old with new, but asks for confirmation

/TEXT -Search for TEXT

?TEXT -Search for TEXT backwards

n -Move to next word that matches

N -Move to previous word that matches

Colorschemes

:color <TAB > -Navigate through default colorschemes
*You can add colorschemes in ~/.vim/colors

Marks

m+LETTER -Set mark LETTER at cursor location

'LETTER -Jump to line of mark LETTER

`LETTER -Jump to position mark LETTER

d'LETTER -Delete from current line to line of mark LETTER

d`LETTER -Delete from current cursor position to position of mark LETTER

c'a -Change text from current line to line of mark LETTER

y`a -Yank text to buffer from cursor to position mark LETTER

Line Folding

zo -Open fold at cursor

ZO -Open all folds

zm -Increase fold level by one

zM -Close all open folds

zr -Decrease fold level by one

zR -Decrease fold level to 0

Other Commands

:!COMMAND -Runs COMMAND (bash commands)

:r FILENAME -Copy FILENAME into your current file

:r!COMMAND -Copy the output of COMMAND into current file

Set Options

:set ic -Set ignore case

:set autoindent -Automatically indents

:set cindent -Automatically indents in C style

:set nu or :set number -Show line number.

:set incsearch -Incremental search

:set hls -Highlighted search

Buffers

:e file -Edit existing or new file

:new -Creates new window displaying contents of new buffer

:ls -Lists all buffers

Ctrl-W w -Move cursor to other window

:vsp -Split window vertically

:bd -Delete the current buffer. will fail if unsaved.

zd -Delete fold at cursor

zD -Delete all folds

[z -Move to start of open fold

]z -Move to end of open fold

:set=foldmethod=indent - Automatically creats folds at every indent