

Jason's Big but Brief -> Vim Cheat Sheet



› Quitting

`ZZ` -exit, saving changes

`:W` -write/save changes

`ZQ` -exit, ignore changes

Files

`:w file` -write to file
`:r file` -read file in after line
`:Explore` -open vim file explorer
`vim file1 file2` -open 2 arg files
`:args` -see list of open args
`:argadd t.txt` -add to args list
`:argdelete t.txt` -delete arg(s)
`:argedit t.txt` -add to args list
`:fir` <-edit first args list file
`:la` ->edit last args list file
`:n` ->goto next file
`:2n` ->go 2 files right
`:N` <-goto previous file
`:2N` <-go 2 files left
`:e file.txt` -open file in vim

File Tabs

`vim -p file1 file2` -open 2 tabs
`:Texlore` -open file explorer tab
`:mksession work.vim` -save session
`vim -S work.vim` -open session
`:source work.vim` -open session
`:mks!` -save changes to session
`:tabe file.txt` -open new tab
`:tabonly` -close all but current
`:tabn` -Goto next tab file
`:tabp` -Goto previous tab file
`gt` -goto next tab file (cycle)
`2gt` -takes you to 2nd tab

› Split Window

:split file -split, load file
:vsplit file -vertical split
ctrl-w up -move up a window
ctrl-w left -move left a window
ctrl-w ctrl-w -cycle windows
ctrl-w _ -maximize vertically
ctrl-w | -maximize horizontally
ctrl-w = -make all equal size
:sview file -split readonly
:close -close current window
:Sexplore -split, open file explorer
:Vexplore -vertical file explorer
:Vexplore! -open f. explorer on right

Rešiz̃ñg̃›

ctrl-w 2 - -drop window height
ctrl-w 2 + -rise window height
ctrl-w 2 < -narrow window width
ctrl-w 2 > -widen window width

› Settings

:set nu -numbered lines
:set nonu -no numbered lines
:set rnu -relative numbered lines
:set nornu -no rel. numbered lines
:syntax on -syntax highlighting on
:set ruler -show current position
:setlocal spell! -spell check on
:setlocal nospell! -spell check off
:set so=2 -top & bottom padding

:set ignorecase -when searching
:noh -unsets last search pattern
:set magic -for regular expressions
:set ai -auto indent
:set si -smart indent
:set wrap -wrap lines
:set tabstop=4 - width of tab char
:set softtabstop=0 -tabstop width
:set expandtab -make tab key spaces
:set noexpandtab -make tab key tabs
:set shiftwidth=4 -width of indent
:set smarttab -auto indent on
:help smarttab -more details

› Inserting text

i -insert
I -insert at line beginning
a -append
A -append end of line
o -open on lower line
O -open on Upper line
s -substitute character

› Insert Mode Shortcuts

ctrl+w -delete word b4 cursor
ctrl+u -delete line b4 cursor
ctrl+n -autocomplete

› Text Objects

ca' -change all quotes & 'quoted'
ci' -change inside quotes'
caw -change all word
diw -delete in word
di' -delete text inside quotes'
da' -delete all quotes & 'quoted'
df_ -delete to space include space
dt_ -delete till space
va' -vis. select all quotes & 'quoted'
vi' -vis. select text inside quotes'
ya' -yank all quotes & 'quoted'
yi' -yank text inside quotes'

Navigation

```
^  
k  
<h    l>  
j  
v
```

8j -move 8 lines down
gj -down 1 wrapped line
8gg -goto line 8
:8 -goto line 8
50% -goto middle of doc
% -focus on the opposite brace
gi -back to last insert
H -high on the screen
M -middle of the screen
L -bottom of the screen
zt -work on top of screen
zz -Center workspace

zb -work on bottom of screen
^ -first non-blank char
g_ -last non-blank char
ctrl+y & ctrl+e -scroll ONE line
ctrl+u & ctrl+d -scroll HALF-page
ctrl+b & ctrl+f -scroll FULL-page
ctrl+O -Retrace moves backwards
ctrl+I -Retrace moves forwards
/pat -iterate all matching words

-iterate words same as current

- **N** -next one up
- **n** -next one down

-goto previous match of current
G - goto to end of file
fc -go forward to 'c'
Fc -go backward to 'c'
w ->goto next word
W ->goto next word+spaces
e ->goto end of word
E ->goto end of word+spaces
b <-goto beginning of word
B <-goto begin of word+spaces
O -goto beginning of line
\$ -goto end of line
ma -sets local mark
mA -sets global to path mark
`a -goto mark a
:marks -list of all marks

› Change

cc -change entire line
cw -change word
cW -change all to next space
C -change to the end of line

› Delete

:1,\$d -delete all lines
or **:%d** or **ggdG**
x ->delete char to the right
X <-delete char to the left
D -delete to the end of line
dd -delete current line
:d -delete current line
dw -delete word
dW -delete all to next space
df? ->delete through first "?"
dt? ->delete to first "?"
dF? <-delete back through first "?"
dT? <-delete back to first "?"

› Replace

r -replace char not insert
R -replace chars not insert
:s/pattern/string/flags
g -flag, replace all occurrences
c -flag, confirm replaces

› Copy & Paste

yy -yank/copy line
5yy -yank 5 lines

:12,16y -yank 5 lines

p -put/paste on lower line

P -put/paste on Upper line

Visual Mode

v -enter visual mode

V -enter visual Line mode

ctrl+v -enter vis. Block mode

ggvG -visual select all

y -yank/copy selected

o -cursor to opposite end

O -cursor to opposite side

gv -restore previous selection

1v -selects area = to the last

r -replaces select with char

R -del. select, starts i mode

va' -vis. select all 'quoted'

vi' -vis. select inside quotes'

Select block, press c, change 1st line, press Esc twice, replaces block by the same text in 1st line.

This also works with i, I or A

Format

== -auto format indentation

=i{ -indent inside {}

gg=G -fix the indentation global

:66,70s/^/# / -Commenting

:66,70s/^#/ -Uncommenting

:12,20> -Indent

:12,20>>> -Indents 3 times

5>> -Indents 5 lines

5>>.. -Repeats 5>> twice

› Special

:h -Great help info!

ctrl+] -goto tag when caret is over it

ctrl+G -display cursor location

:tag tagname -jump to the tag

:%retab -replace all tabs with spaces

xp -transpose two letters

& -repeat last :s cmd

sort -sort the whole doc

22,33sort -sort line 22-33

:'a,.sort -from marker a, to caret

:%sort! -sort in reverse

:%sort u -remove duplicate lines

:sort n -do numeric sort

:sort i -case is ignored

:help sort -more options

~ -toggle case

. -repeat last cmd

:! -drop to external cmd

!!ls -insert output of cmd

== -duplicate operator

› Code Folding

zf -fold visible line selected

2z fj -fold 3 lines down

za -unfold last fold

zR -unfold all

Undo

u -undo last change

U -undo all changes to line