

. VIM .

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
```

Resizing:

```
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
0 -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
```