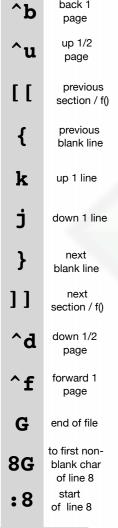
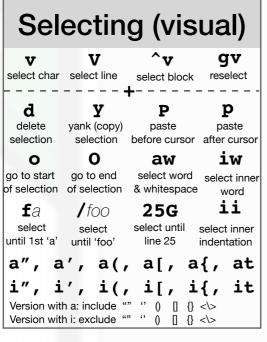


**Deleting** 





Move

to after

line 9

:**m** n

mv this line

to after line n

:m \$

my this line

to after

last line

Copying				
УУ	yiw	yw		
yank this line	yank inner word	yank rest of word		
y0	У^	у\$		
yank from	yank from 1st	yank from		
BOL to	non-blank	cursor		
cursor	char to cursor	to EOL		

Undo/Redo

:UndotreeToggle

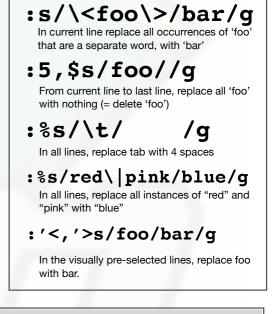
**u** undo

:earlier 4m

:later 50s







Substitute

In current line replace all (/g) 'foo' with 'bar'

:s/foo/bar/q

:%s/foo/bar/q

In all lines replace all 'foo' with 'bar

:%s/foo/bar/gic

:3,9s/foo/bar/q

:.,.+5/^/

In lines 3 to 9 (incl) replace all 'foo' with 'bar

From current line to 5 line further, prepend 3

spaces at the beginning of each line

/q

In all lines replace all 'foo' with 'bar', caseinsensitive, and ask for confirmation

#### $\mathbf{F}_{C}$ jump to jump to jump to prev occu matching next occur bracket

scroll current line to middle of the screen

#### :2,4m \$ : m. +2my this line my lines 2.3.4 to 2 lines below after last line :2,4m 9 :.,.+2m 9mv lines 2,3,4 mv 3 lines from

this line to

after line 9





:bufdo %s/foo/bar/ge | update Apply to all buffers. Ignore pattern not found errors (e). Save file if changes were made (update). :arg \*.cpp Create arglist with C++ files and load them into buffers

:argadd \*.h Add header files to arglist, and load into buffers :arqdo %s/foo/bar/qe update Apply to every file in arglist

### netrw & Ctrl-p

:edit|read|write sftp://user@hostname/path

:edit folder (folder can be.)

**:Vexplore** split left-right and show file browser

toggle between file browser view options/pathmove cursor to nearest match in file browser

**^p** *filename* Fuzzy search file. Use ^f and ^b to toggle between files, buffers, and **m**ost **r**ecently

used. Can be used for "Open Recent..."

### Global command

: [range]g/pattern/command

:q/foo/d Delete all lines that contain 'foo'

Move all lines from cursor to EOF, that do not contain 'foo', to EOF.

For all lines move them to the beginning of the file = reverse file.

**:g/^foo/s/\$/bar** For all lines starting with 'foo', substitute/append 'bar' to EOL.

**:g/foo/**# Show with line nrs. Then go to a line.

# Case switching

Toggle case of character under cursor

**g~iw** Toggle case of the inner word

**g~\$** Toggle case from cursor to EOL

**gUw** Convert rest of word to large caps

**guu** Convert current line to upper case

gu0 Convert from BOL to cursor to small caps.

#### Vimtex

**\11** Start/stop continuous compiling mode

\1v Jump to PDF viewer at the same point of the cursor

\1c Clean auxiliary files

[ Jump to the previous (sub)section

] ] Jump to the next (sub)section

% Move between matching delimiters

## Tags and YCM

**: tag** name Jump to (1st) match of the tag. :stag shows it in a new window. Name can be a regex (e.g. /Detect\*).

**:ts** name List all tag matches, and lets you select one. If name is absent, use list of last :tag command.

^] g] ^o ^Space Tab

Jump to tag List all matches of Go back In insert mode: show under cursor tag under cursor one jump window with f() def.

:Tagbar Toggle show/hide tagbar

Double-click or press enter on a tag to jump

• Press space on a function to display arg list.

:!ctags -R --extra=+f

Create tags file, recursively, in *current* dir

#### **Windows**

:split :vsplit :only :close

split topbottom

split left-right

keep only current window close current

# Indenting

>> << > > ap >aB 
ident un-indent indent un-indent indent current 
current line current line selected lines selected lines current parag. block

#### **CSV**

:WhatColumn Show current column nr

**:nrColumns** Show total numbers of columns

:DeleteColumn 2 Delete column nr 2

:MoveColumn 2 4 Move col 2 to right next to col 4

**: DupColumn** Duplicate current column

**: Header 2** Open separate fixed window with first 2 header lines. Close with :Header!

:%ArrangeColumn! Prettify the columns by aligning them

:NewDelimiter; Change the delimiter to;

:1,10Sort 3 Sort lines 1-10 of column 3

:SearchInColumn 1 /foo/

Search for patter foo in column 1

:%Substitute 1,4/foo/bar/gc

Subst in cols 1-4 foo with bar, globally + ask for confirmation

### **Fugitive**

**:Gblame** Show git blame info for an indexed file.

:Gedit SHA Show info for blob, tree, commits, and tags

**:Gedit** master:python/transits.py Read-only!

**:Glog** -- % Show the git log of current file per commit, and lets you select a commit. Press enter on parent commits, to go further back.

:Gstatus Show the git index

**:Gdiff** Shows differences between working copy of the current file and the index, in a split window. **:q** to exit.

In case of merge conflicts: open 3-way differences.

E.g. if you have conflicts after:

(feature) \$ git checkout master
(master) \$ git merge feature

Left window: version of the master branch Right window: version of the feature branch Center window: current working copy

Keep your cursor in the center window (working copy).

:diffget //2 include left version in working copy
:diffget //3 include right version in working copy

:diffupdate update the diff highlighting

### fzf

**:Files** Fuzzy search files

**:Lines** Fuzzy grep in all open buffers

**:BLines** Fuzzy grep in current buffer

**: Tags** Fuzzy search all tags

**: BTags** Fuzzy search tags in current buffer

:GFiles? Git status

**: Commits** Fuzzy search in all commits

**:BCommits** Fuzzy search in commits of this buffer

# **Special Text Objects**

**gn** Current search pattern

ii Inner indentation level, no line above

**a**<u>a</u> Function arg under cursor, with comma

a<u>i</u> Indentation level + one line above (*Python*)

mma — above (*Pythor* 

Function arg under cursor, without comma (inner)

a Indentation level + line above + line below (C++)

Example in C++ : caI : change current indentation level incl. {} above/below

#### Miscellaneous

^a / ^x Incr/decr the nr under cursor. Join this line with the next one

:set scrollbind Scroll synchronously. Set in all windows that need to be in-sync. Add! to to undo.

:ab fe for example Replace abbreviation on the fly

:set list Show all the invisible characters

:set nolist Stop showing all the invisible characters

^00 After startup: load last edited file ^n In insert mode: word completion

:Matrix Follow the white rabbit

:ToggleWhitespace (Un)highlight trailing whitespace

:StripWhitespace Strip trailing whitespace

### **Folds**

zo/zc Open/close

1 fold under

cursor

zO/zC

Open/close all folds under cursor

zm/zr

Increase /reduce fold level

Block select

delete

Select comment symbols

zj/zk Go to start of next/previous fold

# (Un)commenting

#### Old School:

Block select

Select the block

I Insert mode at beginning Write comment symbols

Exit & apply to all lines

#### With tcomment:

gc{motion}

Toggle comment. E.g gc4j or gcaB

Toggle comment for this line. gcc

## Clipboard

!pbcopy Write selected lines to clipboard (visual mode)

:r !pbpaste Insert contents of clipboard at current position

## **Easymotion**

\\w Word motion, then select appropriate letter. Forward. \\b Idem but backward \\s char Trigger character motion, then select letter.

#### **Tabularize**

:Tab/= Align selection on the '=' char

:Tab/,/r1c110

First part right aligned, then 1 space, then comma center aligned, then 1 space, then part left aligned, no extra space, then rest

# Repeating

Repeat search - forward

; Rpt last f c - forward

Repeat search - backward

, Rpt last f c - backward

Rpt last ':' command

& Rpt last :s/x/y/ subst

Rpt last change in Normal mode

#### **Markers**

m a	Set marker named 'a' under cursor	
m a!	Same but override previous marker 'a'	
'a	Go to start of line containing marker 'a'	
`a	Jump to marker 'a' (back quote)	
:marks	Show a list of markers	
<pre>:delm ab / !</pre>	Delete marker 'a' and 'b' / all markers	
:c `a	Change from cursor to marker 'a'	
:]' / ['	Jump to next/prev line with marker	
`.	Special marker: last change in buffer	

# **Special Text Objects**

Current search pattern

Inner indentation level, no line

Function arg under cursor, а<u>а</u> with comma

Indentation level + one line above (Python)

Function arg under cursor, i<u>a</u> without comma (inner)

Indentation level + line above + line below (C++)

Example in C++ : caI : change current indentation level incl. {} above/below

#### **Macros**

qa	Start recording to register 'a'	@a	Execute macro
•••	Fancy commands	5@a	Execute 5 times
q	Stop recording	:req	List all macros