

EscNormal

Revision 2.0
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Vim 7.3+
:version

Vim Cheat Sheet for Programmers

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http://michael.PeopleOfHonorOnly.com/vim/

HOW-TO make Vim not suck Out of the Box: :help statusline :set nocompatible ruler laststatus=2 showcmd showmode number

Search :set incsearch ignorecase smartcase hlsearch

Remove useless splash screen :set shortmess+=I

Best tips: http://vim.wikia.com/

Best scripts: http://www.vim.org/scripts/index.php

Ctrl-~ toggle case

Ctrl-! extern filter

Ctrl-@ play macro

Ctrl-# prev identifier

Ctrl-\$ →

Ctrl-% goto match

Ctrl-^ soft

Ctrl-& repeat :s

Ctrl-* next identifier

Ctrl-(begin sentence

Ctrl-) end sentence

Ctrl-_ cur line

Ctrl+= auto-format

14 block select

Ctrl-W window...

Ctrl-E scroll line ↑

Ctrl-R redo

Ctrl-T ← until char

Ctrl-Y copy line

Ctrl-U undo line

Ctrl-I insert

Ctrl-O open ↑

Ctrl-P paste ↑

Ctrl-{ paragraph

Ctrl-} paragraph

Tab

Ctrl-Q ex mode

Ctrl-W WORD ↘

Ctrl-E end WORD ↘

Ctrl-R Replace

Ctrl-T ← until char

Ctrl-Y copy line

Ctrl-U undo line

Ctrl-I insert

Ctrl-O open ↑

Ctrl-P paste ↑

Ctrl-{ paragraph

Ctrl-} paragraph

Ctrl-Q record macro

Ctrl-w word ↘

Ctrl-e end word ↘

Ctrl-r replace char

Ctrl-t until char →

Ctrl-y copy

Ctrl-u undo

Ctrl-i insert

Ctrl-o open ↓

Ctrl-p paste ↓

Ctrl[misc.

Ctrl] misc.

Ctrl-7 incr. #

Ctrl-S subst line

Ctrl-D del →

Ctrl-F ← find char

Ctrl-G goto eof / goto line#

Ctrl-H Top screen

Ctrl-J Join lines

Ctrl-K man page identifier

Ctrl-L redraw

Ctrl-; cmd line

Ctrl-." register

Ctrl-| goto col#

Caps

Ctrl-A append →

Ctrl-S subst char

Ctrl-d del

Ctrl-f find char →

Ctrl-g extra

Ctrl-h ←

Ctrl-j ↓

Ctrl-k ↑

Ctrl-l →

Ctrl-; "next" f/F/U/T

Ctrl-." goto mark

Ctrl-|

Ctrl-^

Ctrl-Z suspend

Ctrl-X ← del char

Ctrl-C change →

Ctrl-V select lines

Ctrl-B \ WORD

Ctrl-N "prev" find

Ctrl-M Middle screen

Ctrl-< undent

Ctrl-> indent

Ctrl-? find ↖

Shift ↑

Ctrl-Z extra

Ctrl-X del char →

Ctrl-C change

Ctrl-V select chars

Ctrl-B \ word

Ctrl-N find "next"

Ctrl-M set mark

Ctrl-< "prev" f/F/U/T

Ctrl-> repeat cmd

Ctrl-? find ↘

Ctrl-16 The search direction is relative; next is the initial direction; previous is the opposite direction. n ; repeat same initial direction find. N ; repeat opposite initial direction find. Note: ; , only searches cursor line, n N searches buffer.

Unused & Duplicate keys
Ctrl-K Ctrl-S (free)
Ctrl-L (redraw)
Ctrl-~ near dup of '
Ctrl-Q = Ctrl-V
Ctrl-J = Ctrl-M = ^N

Legend:

Macro Register name (0-9a-zA-Z) required

Op Motion req.; act between cursor & dst

Cmd Command

Ins Command and enter insert mode

Move Moves cursor or defines range for op

Find Search (↖ = reverse, ↘ = forward)

tag tags / diffs / folding

Code Code formatting, whitespace, etc.

Extra Extended functionality; req. extra chars

Char arg req. g z Z ^w ' " ...

Modes

n Normal Esc ^[^c

i Insert a i r s

v Visual v V ^v ^q

o Op pending c d y < >

c Command Line : / ? !

word Foo (src , b dst , b len) ;

Note: There is no whitespace in-between 'Foo(src,' but before/after 'dst,'

WORD Foo (src , b dst , b len) ;

Startup

vim <filename> +123 goto line 123

vim <file> ... -t Foo edit at tag 'Foo'

vim <file> ... -c "/Foo" cmd: find 'Foo' & edit

GUI vim -g or gvim start GUI ver.

GUI Linux :set guifont=ProgygyTinyTT\ 12

GUI OSX :set guifont=ProgygyTiny:h11

diff gvimdiff <file1> <file2> [<file3>]

bug Broken Keys Ctrl-I = Tab, Ctrl-= ESC

Vim is still unable to map certain keys for your own use...

§ Caps, Ctrl-1, Ctrl-Shift-1, Ctrl-I, Ctrl-~, etc.

0 See: src/ops.c -c "/valid_yank_reg" for "reg. names

6 See: src/normal.c -c "/nv_cmds" for g* extra cmds

11 See: src/edit.c -c "/ctrl_x_mags" for x* insert cmds

:help cmdline :r file insert file

:w save :gui switch to GUI

:q quit :q! quit w/o save

:e <file> edit file in new buffer

:source % exec cmds in cur file

:exec '...' do cmd

:help movement

soft ^ ← Start of Line 1st non-whitespace

hard 0 ← Start of Line column 0

: → End of Line

| move col 0 #| move col #

^b page ↑ ^f page ↓

^u 1/2 page ↑ ^d 1/2 page ↓

^e scroll line ↑ ^y scroll line ↓

lg start of file Og end of file

#g goto line # g end of file

[[begin this func {

[[begin next func {

:set matchpairs=(,),[,],<,>?A

% goto matching { } < > []

:help range

:s/Foo/Bar find Foo replace w/ Bar

:s/Foo/Bar/g ...all instances on line

:%s/Foo/Bar apply to whole file

.,.+ cur line, cur line + # lines

\$ last line ^ start of select

'> end of select

Code = < > << >>

:set backspace=indent,eol,start

allow backspace join lines

:set shiftwidth=# indent width for ai

:set autoindent! toggle auto-indent

:set lisp lisp indent mode

Tags

:ts list active tags

] jump to tag under cursor

^ restore cursor before tag jump

^p complete word

:ta Foo manual jump to tag 'Foo'

Diff

[c prev diff :hi DiffAdd guifg=rrggbb

[c next diff :hi DiffChange guibg=rrggbb

:diffupdate :hi DiffText gui=none

resync :hi DiffDelete

Folding

zR fold remove

zo fold open

zc fold close

zi invert all

zr fold reduce

zm fold more

Changes

:changes

g; older change

g; newer change

Syntax

:syntax enable

:set filetype=

:help recording

q* start recording

@* playback

q stop recording

@ repeat

Convert <eol>

:set fileformat=

unix or dos or mac

then :w to convert

set tab stop every #th col

toggle hard/soft tabs

tab:>:;:trail;:;:nbsp;:%;eol\$

toggle whitespace

toggle right margin indicator

block comment

map \ :Explore<CR> manually type <C,R>

\$0 " before del/copy/paste to use register

" +x cut to system clipboard reg. '+'

" +g paste from system clipboard

1 Number before any action repeats it

2p paste twice 3. repeat thrice

2 Repeat op to act on current line

yy copy line dd del line

<< undent line >> indent line

3 # highlight words under cursor

4 ZZ save & quit ZQ quit w/o save

5 zz center cursor line in window

zh scroll left zl scroll right

zt scroll top zb scroll bottom

\$6 gg top of file

gf open file under cursor

7 ^a incr # under cursor (Dec / Hex)

^x decr # under cursor (Dec / Hex)

8 * start a "new" search

Insert mode

9 ^p prev auto-complete ^n next

10 ^d undent ^t indent

\$11 ^x* ^f filename completion

^s spelling :set spell!

^k dictionary js next bad

^t thesaurus :help spell

12 ^r* paste register 0-9a-zA-Z or ...

+ clipboard (or '*') :help c_CTRL-R

" last del/copy % filename

:set numbers! toggle line numbers

:set wrap! toggle linewidth display

:set showmatch highlite matching ()

noremap - :s/^/\\<CR> uncomment

:buffer #

:buffers list files

:new blank file/buffer

bn next file

bp prev file

bd close file

:bd! force close

:set lines=#

:set columns=#

:winpos # #

Windows

:help windows

^w or :wincmd *

w :switch to next

c :close!

n :new

s :split horiz.

v :vsplit vertical

o :only maximize

= all same size

h move to win ←

j move to win ↓

k move to win ↑

l move to win →

:sp [<filename>]

edit in split window

Cursor Bookmarks

:marks

ma mark local 'a'

:A goto global 'A'

'' prev location

File / Directory

:Explore Or :e .

:set browsedir=...

one of buffer last

