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Vim cheatsheet

Vim is a very efficient text editor. This reference was made for Vim 8.0. For shortcut notation, see :help key-notation.

Exiting

:qa	Close all files
:qa!	Close all files, abandon changes
: W	Save
:wq / :x	Save and close file
: q	Close file
: q!	Close file, abandon changes
ZZ	Save and quit
ZQ	Quit without checking changes

Exiting insert mode

Esc / <c-[></c-[>	Exit insert mode
<c -="" c=""></c>	Exit insert mode, and abort
	current command

Visual mode

V	Enter visual mode
V	Enter visual line mode
<c -="" v=""></c>	Enter visual block mode
In visual mode	

Navigating

h j k l	Arrow keys
<c-u> / <c-d></c-d></c-u>	Half-page up/down
<c-b> / <c-f></c-f></c-b>	Page up/down
Words	
b / w	Previous/next word
ge / e	Previous/next end of word
Line	
0 (zero)	Start of line
۸	Start of line (after whitespace)
\$	End of line
Character	
fc	Go forward to character c
Fc	Go backward to character c
Document	
gg	First line
G	Last line
: n	Go to line n
nG	Go to line n
Window	

Editing

a	Append
Α	Append from end of line
i	Insert
0	Next line
0	Previous line
S	Delete char and insert
S	Delete line and insert
С	Delete until end of line and insert
r	Replace one character
R	Enter Replace mode
u	Undo changes
<c -="" r=""></c>	Redo changes

Clipboard

X	Delete character
d d	Delete line (Cut)
уу	Yank line (Copy)
р	Paste

d / x	Delete selection
S	Replace selection
У	Yank selection (Copy)
See Operators for other things you can do.	

ZZ	:	Center this line
zt		Top this line
zb)	Bottom this line
Н		Move to top of screen
М		Move to middle of screen
L		Move to bottom of screen
Sear	ch	
n		Next matching search pattern
N		Previous match
*		Next whole word under cursor
#		Previous whole word under cursor
Tabı	pages	
:ta	bedit [file]	Edit file in a new tab
:ta	bfind [file]	Open file if exists in new tab
:ta	bclose	Close current tab
:ta	bs	List all tabs
:ta	bfirst	Go to first tab
:ta	blast	Go to last tab
:ta	bn	Go to next tab
:ta	bp	Go to previous tab

Р	Paste before
"*p / "+p	Paste from system clipboard
"*y / "+y	Paste to system clipboard

Operators

Usage

Operators let you operate in a range of text (defined by motion). These are performed in normal mode.

Operators list

d	Delete
У	Yank (copy)

Examples

dd

Combine operators with motions to use them.

(repeat the letter) Delete current

d	W
Operator	Motion

С	Change (delete then insert)
>	Indent right
<	Indent left
=	Autoindent
g~	Swap case
gU	Uppercase
gu	Lowercase
!	Filter through external program
See :help	operator

	line
dw	Delete to next word
db	Delete to beginning of word
2dd	Delete 2 lines
dip	Delete a text object (inside paragraph)
(in visual mode) d	Delete selection
See::help motion.tx	t

Text objects

Usage

around text blocks (objects).

v i p

Operator [i]nside or [a]round Text object

Diff

gvimdiff file1 file2 [file3] See differences between files, in

Text objects let you operate (with an operator) in or

Text objects

Paragraph	p
Word	W
Sentence	S
A [], (), or {} block]
A quoted string	1
A block [(b
A block in [{	В
A XML tag block	t

Examples

vip	Select paragraph
vipipipip	Select more
yip	Yank inner paragraph
yap	Yank paragraph (including newline)
dip	Delete inner paragraph
cip	Change inner paragraph
See Operators f	or other things you can do.

Misc

Folds		Navigation ————	
zo / z0	Open	%	Nearest/matching {[()]}
zc / zC	Close	>] }])]	Previous (or { or <
za / zA	Toggle	1)	Next
zv	Open folds for this line	[m	Previous method start
zM	Close all	[M	Previous method end
zR	Open all	Jumping ————	
zm	Fold more (foldlevel += 1)	<c -="" 0=""></c>	Go back to previous location
zr	Fold less (foldlevel -= 1)	<c-i></c-i>	Go forward
ZX	Update folds	gf	Go to file in cursor
Uppercase ones are recursive (eg,	z0 is open recursively).	Counters	
Windows —		<c -="" a=""></c>	Increment number
z{height} <cr></cr>	Resize pane to {height} lines tall	<c -="" x=""></c>	Decrement
Tags ————————————————————————————————————		Case	
:tag Classname	Jump to first definition of Classname	~	Toggle case (Case => cASE)
<c-]></c-]>	Jump to definition	gU	Uppercase
9]	See all definitions	gu	Lowercase
<c-t></c-t>	Go back to last tag	gUU	Uppercase current line (also gUgU)
<c-0> <c-i></c-i></c-0>	Back/forward	guu	Lowercase current line (also gugu)
:tselect Classname	Find definitions of Classname	Do these in visual or norma	l mode.
:tjump Classname	Find definitions of Classname (auto-select 1st)		
Misc		Marks ————	
	Repeat last command	` ^	Last position of cursor in insert mode
] p	Paste under the current indentation level	`.	Last change in current buffer

:set ff=unix	Convert Windows line endings to Unix line endings
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Command line

<c -="" r=""><c -="" w=""></c></c>	Insert current word into the command line
<c-r>"</c-r>	Paste from " register
<c-x><c-f></c-f></c-x>	Auto-completion of path in insert mode

Text alignment

:center [width]
:right [width]
:left

See:help formatting

Calculator

<c-r>=128/2</c-r>	Shows the result of the division : '64'
Do this in insert mode.	

Exiting with an error

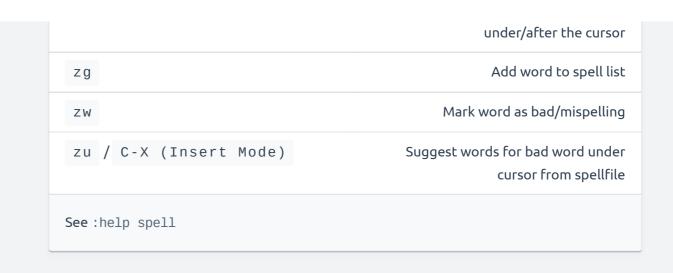
:cq :cquit

Works like : qa, but throws an error. Great for aborting Git commands.

` п	Last exited current buffer
` 0	In last file edited
1.1	Back to line in current buffer where jumped from
	Back to position in current buffer where jumped from
`[To beginning of previously changed or yanked text
`]	To end of previously changed or yanked text
`<	To beginning of last visual selection
`>	To end of last visual selection
ma	Mark this cursor position as a
`a	Jump to the cursor position a
'a	Jump to the beginning of the line with position a
d'a	Delete from current line to line of mark a
d`a	Delete from current position to position of mark a
c'a	Change text from current line to line of a
y`a	Yank text from current position to position of a
:marks	List all current marks
:delm a	Delete mark a
:delm a-d	Delete marks a, b, c, d
:delm abc	Delete marks a, b, c

Spell checking

Turn on US English spell checking	:set spell spelllang=en_us
Move to next misspelled word after the cursor]s
Move to previous misspelled word before the cursor	[s
Suggest spellings for the word	z=



Also see

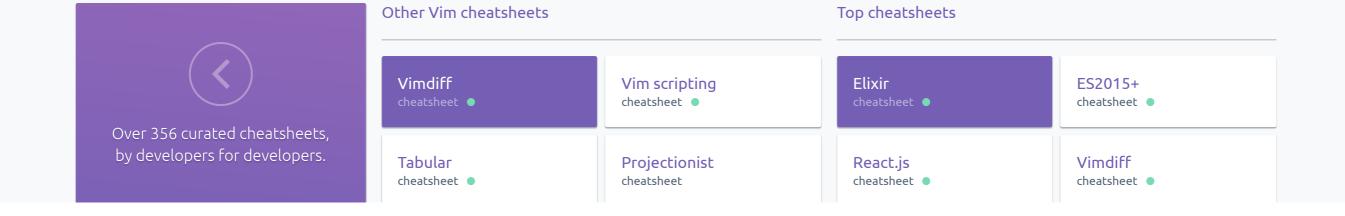
- Vim cheatsheet (vim.rotrr.com)
- Vim documentation (vimdoc.sourceforge.net)
- Interactive Vim tutorial (openvim.com)

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