















Vim Cheat Sheet

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1 Help

Shortcut	Description
 :help	help overview
 :help x	help for Normal mode command
 :help v_u	help for Visual mode command „u“
 :help i_<Esc>	help for Insert mode command „<Esc>“
 :help :quit	help for Command-line command „<Esc>“
 :help c_	help for Command-line editing „“
 :help -r	help for Vim command argument „-r“
 :help 'textwidth'	help for Option „textwidth“
 :helpgrep word	search for help (matching help entries for „word“)
 h / j k / l	move left / down / up / right in help
 z z :q	exit help
 CTRL-] CTRL-]	jump to a subject (the „tag“ under the cursor)
 CTRL-T CTRL-O	jump back
Shortcut	Description
 :help UltiSnips	UltiSnips (snippets) help

2 Handling of Buffers and Windows

	Shortcut		Description
N	:q	:q!	exit [and discard changes]
N	:w	:w!	write changes [and try to override read-only files]
N	z z		write changes and exit (shortcut for :wq)
N	CTRL-g		display status line
N	CTRL-d	CTRL-u	screen move down / up

3 Motions: left-right, up-down, word, text object motions/selection

- linewise vs. characterwise vs. blockwisew
- exclusive vs. inclusive
- exclusive-linewise

	Shortcut		Description
N	h / j	k / l	move left / down / up / right
N	w	W	move forward one [big] word
N	b	B	move backward one [big] word
N	0	\$	move to the begin / end of current line
N	^		move to the first non-blank character of current line
N	<n>G	<n>g g	go to line <n>
N	<n>0	<n>\$	move to the begin / end of current line
N	f<c>	t<c>	move to / 'til the next occurrence of <char> to the right
N	F<c>	T<c>	move to / 'til the next occurrence of <char> to the left
→	Note: <char>: <Esc> aborts the command		

4 Insert mode commands

	Shortcut		Description
N	i<s><Esc>	a<s><Esc>	insert / append <string> (left / right of cursor)
N	o<s><Esc>	O<s><Esc>	open new line after / before current line
N	J	<n>J	join next line / next <n> lines
N	x	X	delete char under / before cursor
N	~	<n>~	exchange lowercase↔uppercase of current / next <n> characters
N	r<c>		replace current character with <char>
N	<n>r<c>		replace next <n> characters with <char>
N	r<Enter>	<n>r<Enter>	exchange current character with a line break

	Shortcut		Description
N	d<m>		delete along <motion>
N	c<m><s><Esc>		delete along <motion> and insert <string>
N	d d		delete current line
N	c c<s><Esc>		delete current line and insert <string>
N	D	d\$	delete current line from current position
N	C<s><Esc>	c\$<s><Esc>	delete current line from current position and insert <string>
N	dw		delete current word (from current position)
N	d3w		delete next 3 words (from current position)
N	3dw		3-times, delete current word (from current pos.)
N	cw„hello“<Esc>		replace current word with „hello“
N	df>		delete until „>“ reached, e.g. delete <html> tag

5 Keyboard macros


	Shortcut		Description
N	.		repeat last text manipulating command
N	q<c:a-z>		start recording commands (in register <char:a-z>)
N	q		end recording
N	@<c:a-z>		play recorded commands (saved in register <char:a-z>)

Keyboard macro example (complex command sequence):









- Goal: `stdio.h` → `#include "stdio.h"`
- Keyboard macro: `qa ; ^ ; i#include "<Esc> ; $; a"<Esc> ; j ; q`

- Use keyboard macro with @a or <n>@a

6 Digraphs

Shortcut	Description
 .	repeat last text manipulating command

7 Searching

Shortcut	Description
 /<s><Enter> ?<s><Enter>	search for next occurrence of <string> (→/←)
 /<Enter> ?<Enter>	search for next occurrence of last <s> (→/←)
 /<Up> ?<Up>	step through search history
 /<Down> ?<Down>	step through search history
 n N	repeat the last search (same / reverse direction)
 :nohlsearch	un-highlight last search
 :sethlsearch :nohlsearch	[do not] highlight searches
 :setincsearch :noetincsearch	[do not] use incremental searches

Example searches:

- simple word: hello
- use simple regex: ^ \$. ? \