Vim Cheat Sheet

LINUXSIMPLY

Global	
:h[elp] keyword	Display the details of the keyword followed by the help command.
:sav[eas] file	Save the current buffer with a new filename
:clo[se]	Close current pane
:ter[minal]	Open a terminal window
K	Open man page for the word under the cursor
Insert Mode - Inserting/Appending Text	
i	Moves the cursor to the beginning of the current line and switches to Insert mode.
I	Insert at the beginning of the line
a	Moves the cursor one character to the right
A	Moves the cursor to the end of the current line.
o	Creates a new line below the current line.
O	Creates a new line above the current line.
ea	Insert (append) at the end of the word
CTRL + H	Deletes the character before the cursor
CTRL + W	Delete word before the cursor
CTRL + J	Begin new line
CTRL + T	Indent (move right) line one shiftwidth
CTRL + D	De-Indent (move left) line one shiftwidth
CTRL + N	Insert (auto-complete) next match before the cursor

Cursor Movement	
h	Bring the cursor to left
j	Bring the cursor to down
k	Bring the cursor to up
l	Bring the cursor to right
gj	Bring the cursor to down (multi-line text)
gk	Bring the cursor to up (multi-line text)
H	Bring the cursor to the top of screen
M	Bring the cursor to the middle of screen
L	Move to bottom of screen
w	Jump forwards to the start of a word
W	Bring the cursor to the start of the next word.
e	Jump forwards to the end of a word
E	Jump forwards to the end of a word (words can contain punctuation)
b	Jump backward to the start of a word
B	Jump backward to the start of a word (words can contain punctuation)
ge	Jump backward to the end of a word
gE	Jump backward to the end of a word (words can contain punctuation)
%	Move the cursor between matching opening and closing brackets (parentheses, square brackets, or curly braces).
0	Jump to the start of the line

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CTRL + P	Insert (auto-complete) previous match before the cursor
CTRL + RX	Insert the contents of register x
CTRL + OX	Temporarily enter normal mode to issue one normal-mode command x.
ESC OR CTRL + C	Exit insert mode

Cut and Paste

yy	Yank (copy) a line
2yy	Yank (copy) 2 lines
yw	Yank (copy) the characters of the word from the cursor position to the start of the next word
yiw	Yank (copy) word under the cursor
yaw	Yank (copy) word under the cursor and the space after or before it
y$ or Y	Yank (copy) to end of line
p	Put (paste) the clipboard after cursor
P	Put (paste) before cursor
gp	Put (paste) the clipboard after cursor and leave cursor after the new text
gP	Put (paste) before cursor and leave cursor after the new text
dd	Delete (cut) a line
2dd	Delete (cut) 2 lines
dw	Delete (cut) the characters of the word from the cursor position to the start of the next word
diw	Delete (cut) word under the cursor
daw	Delete (cut) word under the cursor and the space after or before it
:3,5d	Delete lines starting from 3 to 5

^	Jump to the first non-blank character of the line
$	Jump to the end of the line
g_	Jump to the last non-blank character of the line
gg	Go to the first line of the document
G	Pressing 'G' (in normal mode) moves the cursor to the last line of the file. It is equivalent to typing 'gg' followed by 'G'.
gd	Move to local declaration
gD	Move to global declaration
fx	Jump to next occurrence of character x
tx	Jump to before next occurrence of character x
Fx	Jump to the previous occurrence of character x
Tx	Jump to after previous occurrence of character x
;	Repeat previous f, t, F or T movement
,	Repeat previous f, t, F or T movement, backwards
}	Jump to next paragraph (or function/block, when editing code)
{	Jump to previous paragraph (or function/block, when editing code)
	Ctrl + u - move back 1/2 a screen
zz	Centre cursor on screen
zt	Position cursor on top of the screen
zb	Position cursor on bottom of the screen
CTRL + E	Move screen down one line (without moving cursor)
CTRL + Y	Move screen up one line (without moving cursor)

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Search and Replace	
/pattern	Search for pattern
?pattern	Search backward for pattern
\vpattern	very magic' pattern: Non-Alphanumeric characters are interpreted as special regex symbols (no escaping needed)
n	Repeat search in the same direction
N	Repeat search in opposite direction
:%s/old/new/g	Replace all old with new throughout file
:noh[lsearch]	Remove highlighting of search matches

Marking Text (Visual Mode)	
v	Start visual mode, mark lines, then do a command (like y-yank)
V	Start line wise visual mode
o	Move to other end of marked area
CTRL + V	Start visual block mode
O	Move to other corner of block
aw	Mark a word
ab	A block with ()
aB	A block with {}
at	A block with <> tags
ib	Inner block with ()
iB	Inner block with {}
it	Inner block with <> tags
ESC or CTRL +	Exit visual mode

Visual Commands	
>	Shift text right
<	Shift text left
y	Yank (copy) marked text
d	Delete marked text

CTRL + B	Move back one full screen
CTRL + F	Move forward one full screen
CTRL + D	Move forward 1/2 a screen

Editing	
r	Replace a single character.
R	Replace more than one character until ESC is pressed.
J	Join line below to the current one with one space in between
gwip	Reflow paragraph
g~	Switch case up to motion
gu	Change to lowercase up to motion
gU	Change to uppercase up to motion
cc	Change (replace) entire line
c$ or C	Change (replace) to the end of the line
ciw	Change (replace) entire word
cw or ce	Change (replace) to the end of the word
s	Delete character and substitute text
S	Delete line and substitute text (same as cc)
xp	Transpose two letters (delete and paste)
u	Undo
U	Restore (undo) last changed line
CTRL + R	Redo
.	Repeat last command

Marks and Positions	
:marks	List of marks
ma	Set current position for mark A
`a	Jump to position of mark A
y`a	Yank text to position of mark A

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~	Switch case
u	Change marked text to lowercase
U	Change marked text to uppercase
Registers	
:reg[isters]	Show registers content
"xy	Yanks (copies) the selected text and stores it in the register x
"+y	Yank into the system clipboard register
"+p	puts the contents of the system clipboard register after the cursor position
0	moves the cursor to the beginning of the current line.
"	Unnamed register, last delete or yank
%	Current file name
#	Alternate file name
Macros	
qa	Record macro
q	Stop recording macro
@a	Run macro
@@	Rerun last run macro
Exiting	
:w	Write (save) the file, but don't exit
:w !sudo tee %	Write out the current file using sudo
:wq or :x or ZZ	Write (save) and quit
:q	Quit (fails if there are unsaved changes)
:tabnew or :tabnew {page.words.file} -	Open a file in a new tab

`0	Go to the position where Vim was previously exited
`"	Go to the position when last editing this file
`.	Go to the position of the last change in this file
``	Go to the position before the last jump
:ju[mps]	List of jumps
CTRL + I	Go to newer position in jump list
:changes	List of changes
g,	Go to newer position in change list
g;	Go to older position in change list
CTRL +]	Jump to the tag under cursor
Indent Text	
>>	Indent (move right) line one shiftwidth
<<	De-indent (move left) line one shiftwidth
>%	Indent a block with () or {} (cursor on brace)
<%	De-Indent a block with () or {} (cursor on brace)
>ib	Indent inner block with ()
>at	Indent a block with <> tags
3==	Re-indent 3 lines
=%	Re-indent a block with () or {} (cursor on brace)
=iB	Re-indent inner block with {}
gg=G	Re-indent entire buffer
]p	Paste and adjust indent to current line
za	Toggle fold under the cursor

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:q! or ZQ	Quit and throw away unsaved changes
:wqa	Write (save) and quit on all tabs

Tabs

CTRL + wT	Move the current split window into its own tab
gt or :tabn[ext]	Move to the next tab
gT or :tabp[revious]	Move to the previous tab
#gt	Move to tab number #
:tabm[ove] #	Move current tab to the #th position (indexed from 0)
:tabc[lose]	Close the current tab and all its windows
:tabo[nly]	Close all tabs except for the current one
:tabdo command	Run the command on all tabs (e.g. :tabdo q - closes all opened tabs)

Working With Multiple Files

:e[dit] file	Edit a file in a new buffer
:bn[ext]	Go to the next buffer
:bp[revious]	Go to the previous buffer
:bd[elete]	Delete a buffer (close a file)
:b[uffer]#	Go to a buffer by index #
:b[uffer] file	Go to a buffer by file
:ls or :buffers	List all open buffers

Diff

zf	Manually define a fold up to motion
zd	Delete fold under the cursor
zo	Open fold under the cursor
zc	Close fold under the cursor
zr	Reduce (open) all folds by one level
zm	Fold more (close) all folds by one level
zi	Toggle folding functionality
]c	Jump to start of next change
[c	Jump to start of previous change
do or :diffg[et]	Obtain (get) difference (from other buffer)
dp or :diffpu[t]	Put difference (to other buffer)
:diffthis	Make current window part of diff
:dif[fupdate]	Update differences
:diffo[ff]	Switch off diff mode for current window

Search In Multiple Files

:vim[grep] /pattern/ {`{file}`}	Search for pattern in multiple files
:cn[ext]	Jump to the next match
:cp[revious]	Jump to the previous match

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:sp[lit] file	Open a file in a new buffer and split window
:vs[plit] file	Open a file in a new buffer and vertically split window
:vert[ical] ba[ll]	Edit all buffers as vertical windows
:tab ba[ll]	Edit all buffers as tabs
CTRL + ws	Split window
CTRL + wv	Split window vertically
CTRL + wq	Quit a window
CTRL + wx	Exchange current window with next one
CTRL + w=	Make all windows equal height & width
CTRL + wh	Move cursor to the left window (vertical split)
CTRL + wl	Move cursor to the right window (vertical split)
CTRL + wj	Move cursor to the window below (horizontal split)
CTRL + wH	Make current window full height at far left (leftmost vertical window)
CTRL + wL	Make current window full height at far right (rightmost vertical window)
	he very top (topmost horizontal window)
CTRL + wJ	Make current window full width at the very bottom (bottommost horizontal window)
CTRL + wK	Make current window full width

:cope[n]	Open a window containing the list of matches
:ccl[ose]	Close the quickfix window

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