

# Mark's Vim Cheat Sheet

**Remember:** *These can all be used with a repeater.*

## Movement

h/j/k/l                      Move left/down/up/right.  
Ctrl+d                      Move half-screen down.  
Ctrl+u                      Move half-screen up.  
Ctrl+f                      Move full screen forward.  
Ctrl+b                      Move full screen backward.

M                          Bring cursor to middle of screen.  
H                          Bring cursor to top of screen.  
3H                      Bring cursor to 3 lines from top of screen.  
L                          Bring cursor to bottom of screen.  
3L                      Bring cursor to 3 lines from bottom of screen.  
zt                      Make cursor position top of window.  
zz                      Make cursor position middle of window.  
zb                      Make cursor position bottom of window.

w/b                      Go to next/previous delimiter.  
W/B                      Go to next/previous word.

\$                          Go to end of line.  
^                          Go to first letter of a line.  
0                          Go to beginning of a line.  
gg/G                      Go to beginning/end of the file.  
{/}                      Go to beginning/end of paragraph.  
8gg and 8G and :8                      Go to line 8.

fP                          Find next P in the line.  
FP                          Find previous P in the line.  
tP                          Find delimiter before next P.  
TP                          Find delimiter after previous P.

ma                      Record a marker in the register "a".  
'a                      Move to marker a.  
' '                      Toggle between marker and previous position.

v                          Visual mode. j/k to highlight text.  
V                          Visual Line mode. Highlight full lines.

*In Visual mode, pressing % under a bracket highlights until matching bracket.*

## Editing

o/O                      Add line below/above, enter insert mode.

x/X                      Delete character on/before cursor.

dw/db                      Delete next/previous word.  
cw/cb                      Change next/previous word.

dd/cc                      Delete/change entire line.

dj/cj                      Delete/change two lines downward.  
dk/ck                      Delete/change two lines upward.

d[motion]                      Delete according to motion.  
c[motion]                      Change according to motion.

di"/ci"                      Delete/change text inside ""'.  
da"/ca"                      Delete/change text inside ""', delete ""'.

u                          Undo change.  
Ctrl + r                      Redo change.

yw/yy                      Copy a word/line.

p/P                      Paste, delete character on/after cursor.

>>/<<                      Indent/unindent in normal mode.  
=3j                      Autoindent 3 lines after cursor.

## Search and Replace

/[searchterm]                      Search. n/N for next/previous.  
?[searchterm]                      Backward search.  
*You can use regular expressions and escape chars.*  
*Can be used as motions with delete, change, copy.*

:%s:old:new                      Replace old by new. % is the scope.  
:                      *can be replaced by other separators.*  
:%s:old:new:c                      Prompt before each replacement.

## Macros

qa                          Record a macro in register "a".  
j0q                          Stop recording the macro.  
:reg                          List all registers.  
@a                          Execute macro in register "a".

@@                          Execute previous macro.

## Buffers, Windows and Tabs

:ls                          List all buffers in session.  
:bn                          Navigate to next buffer.  
:bp or :b#                      Navigate to previous buffer.  
:bf                          Navigate to first buffer.  
:bd                          Delete current buffer.  
:bd1                          Delete buffer labeled "1".

:vs ~/file                      Open file in vertical pane.  
:sp ~/file                      Open file in horizontal pane.  
:vert sb2                      Open buffer 2 in vertical pane.  
:sb2                          Opens buffer 2 in horizontal pane.

Ctrl + w + h/j/k/l                      Move to \* window.  
Ctrl + w + /H/J/K/L                      Move window to \* side.  
Ctrl + w + 1+                      Increase window height by 1.  
Ctrl + w + 1-                      Decrease window height by 1.  
Ctrl + w + >                      Increase window width by 1.  
Ctrl + w + <                      Decrease window width by 1.  
Ctrl + w + =                      Equalize height and width of all windows.

:e ~/file                          Edit a file.  
:tabe ~/file                      Edit file in new tab.  
gt                          Move one tab forward.  
gT                          Move one tab backward.

## Miscellaneous

:se ft=python                      sets filetype.  
:so ~/file                          rebuilds a file.  
:so %                          rebuilds this file.  
:sav ~/file                          Saves file elsewhere.

!ls -lah                          Access the command line.  
:r !date                          Append command output to cursor.

:map ,s :sav<CR>                      Map ",rs" to cmd. CR is Enter.

"+y                          Copy to clipboard.  
"+p                          Paste to navigation.

## Defined in my .vimrc

,Ctrl-n                          Toggle NERDTree.