

# VIM Cheat Sheet

## 1 Movement

h j k l

w = Word forward  
e = End of current word  
b = Word backward  
) ( = Sentences forward backward  
} { = Paragraphs forward backward

## 2 Scrolling

CTRL-E = Scroll window down  
CTRL-Y = Scroll window up  
zz = Scroll that cursor is in middle of screen  
zt = Scroll that cursor is on top of the screen  
zb = Scroll that cursor is on the bottom of the screen

## 3 Inserting and replacing text

i / a = Insert before / after cursor  
I / A = Insert at beginning / end of line  
o / O = Add and insert in line below / before  
r / R = Replace char / Replace mode

## 4 Help

:help command = Split screen help  
Browse the help:  
CTRL-J = Follow Link  
CTRL-T or CTRL-O = Go back

## 5 File opening and editing

:e filename = Open Filename in new Buffer  
gf = goto file, open file under cursor

## 6 Split screen

:vs[plit] = Vertical split  
:sp[lit] = Horizontal split  
CTRL-W+hjkl = change active viewport  
CTRL-W = same height/width of viewports

## 7 Buffers

:buffers = show list of buffers  
:bn = next buffer  
:bp = previous buffer

## 8 Visual

v = Visual mode  
V = Visual line  
gv = reselect visual selection

## 9 Spell checking

<F12> = toggle spell checking  
]s = next wrong word  
[s = previous wrong word  
zg = add good word to wordlist  
zw = add wrong word to wordlist  
z= = show suggestions

## 10 Copy & Paste

y = yank, visual select then press y  
P = Paste before cursor  
p = paste after cursor  
CTRL+<F11> = toggle paste mode

## 11 Folding

zo = Open fold  
zc = Close fold

za = Toggle fold

## 12 Quickfix list

:cl[ist] = Quickfix list  
:cn = Next Quickfix  
:cp = Previous Quickfix

## 13 Search & Replace

/expr = Search current file with expr forward  
?expr = Search current file with expr backward  
n / N = Move to next / previous match  
:vimgrep expr file = Grep in Vim, uses Quickfix list for matches  
s/expr/rep/cg[il] = Substitute expr with rep  
Options: Confirm, G=all in line, i=ignore case, l=Don't ignore case  
Backreferences: \0 whole match, \1 first group in \(\)  
Character Classes:  
. = any character except new line  
\s \S = Whitespace character; non-whitespace char  
\d \x \o = digit; hex digit; octal digit  
\p \w = Printable char; word char  
\a \l \u = Alphabetic char; lowercase char; uppercase char  
Quantifiers:  
\* = 0 or more  
\+ = 1 or more  
\= = 0 or 1  
\{n,m} \{n} \{,m} \{n,} = matches from n to m; exactly n, 0 to m, n or more

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