

Vim Visual Cheat Sheet

```
private boolean foo;
private boolean aReallyLongName;
private boolean aReallyShortName;
private int bar1, bar2;

private boolean isFooAndBar(){
    foo = false;
}

public void main(String args[]){
    foo = true;
    if(foo){
        bar1 = bar2 + 1 + fooClass.invokeRandomMethod();
        bar1 = bar2 + 2;
        bar1++;
        bar2++;
        if(aReallyLongName
        aReallyLongName
        aReallyShortName
    }
}
```

Sample.java [23,29] 83%

```
import java.awt.*;
import java.awt.event.*;

public class AnotherNew
{
}
```

AnotherNew.java 3,0-1 Top Another.java 3,0-1 Top

/fooCl /fooCl

Created by vgod, Dec. 2009

Movement/Range	
Character	
<div>h j k l</div> <div>← ↓ ↑ →</div>	
word, WORD(all non-blank ch)	
<div>w b</div> <div>W B</div> <div>e E</div>	<div>next/prev word</div> <div>next/prev WORD</div> <div>end of word/WORD</div>
Line	
<div>0 \$</div> <div>^</div>	<div>begin/end of line</div> <div>begin (non-blank) of line</div>
Paragraph, Block	
<div>{ }</div> <div>[]</div> <div>%</div>	<div>prev/ next paragraph</div> <div>begin/end of block</div> <div>matching parenthesis</div>
Window, File	
<div>H</div> <div>M</div> <div>L</div> <div>C-B</div> <div>C-F</div> <div>gg</div> <div>G</div> <div>mx</div> <div>'x</div>	<div>top of win</div> <div>mid of win</div> <div>btm of win</div> <div>prev/next page</div> <div>begin/end of file</div> <div>mark/jump to x</div> <div>scroll to top</div> <div>scroll to middle</div> <div>scroll to bottom</div> <div></div> <div></div> <div></div>
Search	
<div>*</div> <div>#</div> <div>fx</div> <div>gd</div> <div>/xxx</div> <div>n</div> <div>N</div>	<div>find current word backward/forward</div> <div>to character x to right</div> <div>to definition of current word</div> <div>search xxx</div> <div>next/prev search result</div>
Mode Commands	
<div>ESC</div> <div>C-[</div> <div>v</div> <div>V</div> <div>C-v</div> <div>i</div> <div>R</div> <div>a</div> <div>A</div>	<div>enter normal mode</div> <div>enter visual mode</div> <div>enter visual line mode</div> <div>enter visual block mode</div> <div>enter insert mode</div> <div>enter replace mode</div> <div>append</div> <div>append at end of line</div>
General Commands	
<div>y</div> <div>d</div> <div>c</div> <div>x</div> <div>D</div> <div>C</div> <div>p</div> <div>J</div> <div>r</div> <div>></div> <div><</div> <div>.</div> <div>u</div>	<div>yank/copy (range)</div> <div>delete/cut (range)</div> <div>modify (range)</div> <div>delete/cut (character)</div> <div>delete to end of line</div> <div>modify to end of line</div> <div>paste after cursor</div> <div>join lines</div> <div>replace (character)</div> <div>indent</div> <div>indent leftward</div> <div>redo</div> <div>undo</div>
EX Commands	
<div>:w</div> <div>:q</div> <div>:e x</div> <div>:n</div> <div>:h</div> <div>:xx</div>	<div>save(:wq save and quit)</div> <div>quit(:q! quit anyway)</div> <div>edit file x</div> <div>new window</div> <div>vim help</div> <div>jump to line #xx</div>
Auto-completion [insert mode]	
<div>C-N</div> <div>C-P</div> <div>C-X</div> <div>C-F</div>	<div>auto-complete</div> <div>next/prev keyword</div> <div>auto-complete file name</div>
Split window	
<div>:vsp</div> <div>:sp</div> <div>:diffs</div> <div>C-W p</div> <div>C-W w</div>	<div>vertically/horizontally split</div> <div>split and diff</div> <div>to last accessed window</div> <div>to next window</div>

Moving

h	move cursor left
j	move cursor down
k	move cursor up
l	move cursor right
#h [j/k/l]	move in a specified direction multiple times
b / B	move to the start of a word / token
w / W	move to the start of the next word / token
e / E	move to the end of a word / token
0 (zero)	jump to the beginning of line
\$	jump to the end of line
^	jump to the first (non-blank) character of line
#G / #gg / :#	move to a specified line number (replace # with the line number)

Moving by Screens

Ctrl+b	move back one full screen
Ctrl+f	move forward one full screen
Ctrl+d	move forward 1/2 a screen
Ctrl+u	move back 1/2 a screen
Ctrl+e	move screen down one line (without moving cursor)
Ctrl+y	move screen up one line (without moving cursor)
Ctrl+o	move backward through the jump history
Ctrl+i	move forward through the jump history
H	move to the top of the screen
M	move to the middle of the screen
L	move to the bottom of the screen

Searching

*	jump to the next instance of a word
#	jump to the previous instance of a word
/pattern	search forward for the specified pattern
?pattern	search backward for the specified pattern
n	repeat the search in the same direction
N	repeat the search in the opposite direction

Inserting

i	switch to insert mode before the cursor
I	insert text at the beggining of the line
a	switch to insert mode after the cursor
A	insert text at the end of the line
o	open a new line below the current one
O	open a new line above the current one
ea	insert text at the end of the word
Esc	exit insert mode

Editing

r	replace a single character (+ return to command mode)
cc	replace entire line (+ move into insert mode)
C / c\$	replace from cursor to the end of line
cw	replace from cursor to the end of the word
s	delete a character (+ move into insert mode)
J	merge with line below, separated with a single space
gJ	merge with line below, with no space between
.	repeat last command

Undoing/Redoing

u / :u / :undo	undo changes made in last entry
#u	undo multiple changes
U	undo latest changes in line
Ctrl+r	redo the last undone entry
#Ctrl+r	redo multiple changes
:undolist	list undo branches

Deleting

dd / D	delete a single line
dw	delete a single word
#dd / d#d	delete multiple lines
:#,#d	delete a range of lines
:%d	delete all lines
.,\$d	delete from current line to the end of file
dgg	delete from current line to the beggining of file
:g /pattern/d	delete lines containing a specified pattern
:g!/pattern/d	delete lines that don't contain a specified pattern
:g/^\$/d	delete all blank lines

Copying

yy	copy an entire line
#yy	copy the specified number of lines
yaw	copy a word with its trailing whitespace
yiw	copy a word without its trailing white-space
y\$	copy everything right of the cursor
y^	copy everything left of the cursor
ytX	copy everything between the cursor and a specified character (x)
yfx	copy everything between the cursor and a specified character (including that character)

Cutting

dd	cut the entire line
#dd	cut a specified number of lines
d\$	everything right of the cursor

Pasting

p	paste text after the cursor
P	paste text before the cursor

Marking

v	marking text using character mode
V	mark lines using line mode
Ctrl+v	mark text using block mode
o	move from one end of the marked text to the other
aw	mark a word
ab	mark a block with ()
aB	mark a block with {}
at	mark a block with <>
ib	mark inner block ()
iB	mark inner block {}
it	mark inner block <>

Visual Commands

y	yank (copy) the marked text
d	delete (cut) the marked text
p	paste the text after the cursor
u	change the marked text to lowercase
U	change the marked text to uppercase

Color Schemes

:colorscheme [colorscheme_name]	change to specified scheme
:colorscheme [space]+Ctrl+d	list available Vim color scheme

Marks and Jumps

m[a-z]	marking text using character mode [from a to z]
M[a-z]	mark lines using line mode [from a to z]
`a	jump to position marked a
`y`a	yank text to position marked a
`.	jump to last change in file
`"	jump to last edit in file
`0	jump to position where Vim was last existed
``	jump to last jump
:marks	list all marks
:jumps	list all jumps
:changes	list all changes
Ctrl+i	move to next instance in jump list
Ctrl+o	move to previous instance in jump list
g,	move to next instance in change list
g;	move to previous instance in change list

Macros

qa	record macro a
q	stop recording macro
@a	run macro a
@@	run last macro again

Multiple Files

:e file_name	open a file in a new buffer
:bn	move to next buffer
:bp	go back to previous buffer
:bd	close buffer
:b#	move to the specified buffer (by number)
:b file_name	move to the specified buffer (by name)
:ls	list all buffers
:sp file_name	open a file in a new buffer and split viewpoint horizontally
:vs file_name	open a file in a new buffer and split viewpoint vertically
:vert ba	edit all files as vertical viewports
:tab ba	edit all buffers as tabs
gt	move to next tab
gT	move to previous tab
Ctrl+ws	split viewport horizontally
Ctrl+ww	split viewport vertically
Ctrl+ww	switch viewports
Ctrl+wq	quit a viewport
Ctrl+wx	exchange current viewport with next one
Ctrl+=	make all viewports equal height and width