

Vim Cheat Sheet

Ramkumar N

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1 Modes

1. normal - esc, jj
2. visual - vv(visual): you can select a range of characters, - Shift-v (v-line): selects line by line, - Ctrl-v (v-block): selects a vertical block
3. insert - i: insert before the current cursor position - a: insert after current cursor position - I: Insert at the beginning of the line - A: insert at the end of the line - o: create a new line under the line with the cursor and wait for text input in insert mode - O: create a new line above the line with the cursor and wait for text input in insert mode

2 Movement keys

1. j - move down one line
2. k - move up one line
3. h - move left one character
4. l - move right one character
5. G - move to the end of the document
6. gg - move to the beginning of the document
7. \$ - move to the end of the line
8. 0 - move to the beginning of the line
9. Ctrl - j : move three lines down at a time
10. Ctrl - k : move three lines up at a time
11. Ctrl - h, l : move one word to the left and right at a time
12. b, e, w - move behind one word with cursor at the start of the word, e move ahead one word with cursor at the end of the word, w move ahead one word with the cursor at the start of the word

3 Editing Text - note these commands can be used with selected text in visual mode

1. x - delete a character under text.
2. d, c, y - delete, change, yank used in conjunction with commands. For instance diw - means delete inside word, ci" - change inside quotes, df; - delete till you find the character ;, dw - from the cursor delete till you reach the end of the word. Other tokens are w-word, s-sentence, p-paragraph
3. shift-d - delete till the end of the sentence from the cursor location.
4. dd - delete line
5. yy - yank a line
6. p - paste

7. "+y - yank a text into system clipboard
8. "+p - paste a text from system clipboard
9. w, W - write into file for saving

4 commenting

1. // - comment and uncomment, can be used with visual mode

5 Compile and Execute

1. c-c c-c - compile from make file (runs the command "make")
2. c-x c-x - compile and execute from make file (runs the command "make && make run")

6 Others

1. /word - search for a word
2. :%s/word-to-be-found/word-to-be-replaced-with/g - search for a word and replace it without confirmation.
3. :%s/word-to-be-found/word-to-be-replaced-with/gc - search for a word and replace it with confirmation.
4. n - iterate through all the instances of the occurring word
5. N - iterate through all the instances of the occurring word in reverse
6. noh - no highlighting
7. !word - terminal commands
8. :e path-to-file - open a new file
9. :q - quit vim
10. :bd - quit current file
11. ctrl-f: to open nerd tree file browser
12. ctrl-n: hop to next open tab (file)
13. ctrl-p: hop to previous open tab (file)
14. ctrl-w-v: split a screen vertically
15. ctrl-w-S: split a screen vertically
16. ctrl-w ctrl-w: jump between split screens