

VI TEXT EDITOR BRIEF START

1) **vi/vim** (slightly modernized vi) is a common text editor in majority of UNIX distributions, it is fully configurable and useful – it needs only a few commands to know to start editing:

```
#touch someTextFile.txt && vim someTextFile.txt
```

Esc – starting base command mode

a – insert text (append mode)

Esc – return to command (normal) mode

:w – save document

:q – close document without saving

:q! - force closing document without saving changes

:wq – save and close

Ctrl + p – word/variables auto filling

Ctrl+o :w – save command :w-save for saving by shortcut Ctrl+o during insert mode

v – visual mode (highline text fragment):

y – copy highlined

p – paste highlined after cursor

Esc – return to command (normal mode)

u – undo last change (1 change in vi; more in vim)

Ctrl+r/. – redo last change

?keyword – find keyword

:lineNumber – go to file line

2) vim configuration file (add after line „syntax on”):

```
#sudo vi /etc/vim/vimrc
```

```
set autoindent
```

```
set ts=4
```

```
set sw=4
```

```
set mouse=a
```

```
set number
```

```
set background=dark
```

```
color evening
```

It sets line autoindent, tab space number, block autoindent, mouse handling and line numbers.

3) view – vi file viewer

4) there are other editors, with different controls like **nano**.

5) terminal colorization – edit file in home directory ~/bashrc:

uncomment line:

```
#force_color_prompt=yes
```

6) different stuff:

split window

```
:sp
```

```
:vsp
```

split window, and open file

```
:sp file.txt
```

switch view to neighbour window:

```
Ctrl+w arrow
```

run shell command:

```
:! ls
```

```
:! ./RUN_COMMANDS.sh
```

ctags:

```
#sudo aptitude install -y exuberant-ctags
```

```
:! ctags -f `pwd`/tags -R *
```

```
:Ctrl+]      #jump to the tag
```

```
:tn          #go to next tag definition
```

```
:tp          #go to previous tag definition
```

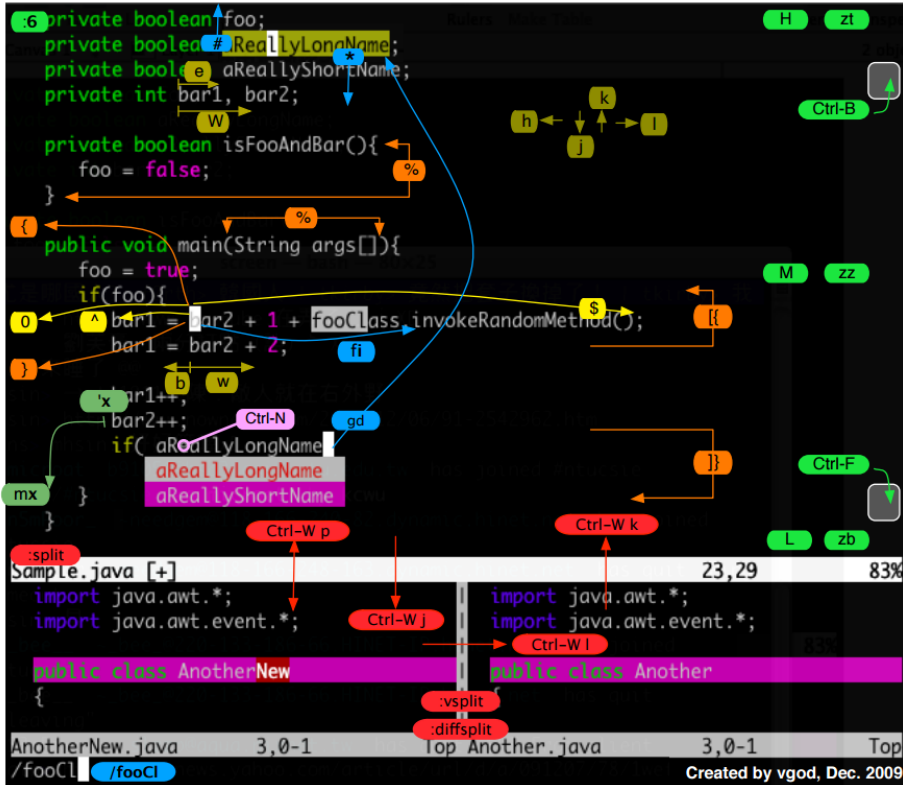
```
:ts          #list all tag definitions
```

```
:Ctrl+T      #jump back in tag stack
```

shortcut:

```
:nnoremap <keystroke> vimCommand
```

Vim Visual Cheat Sheet



Movement/Range

Character

h j k l
 ← ↓ ↑ →
 word, WORD(all non-blank ch)
 w b next/prev word
 W B next/prev WORD
 e E end of word/WORD

Line

0 \$ begin/end of line
 ^ begin (non-blank) of line
 Paragraph, Block
 { } prev/ next paragraph
 [[]] begin/end of block
 % matching parenthesis

Window, File

H top of win zt scroll to top
 M mid of win zz scroll to middle
 L btm of win zb scroll to bottom
 C-B C-F prev/next page
 gg G begin/end of file
 mx 'x mark/jump to x

Search

* # find current word backward/forward
 fx to character x to right
 gd to definition of current word
 /xxx search xxx
 n N next/prev search result

Mode Commands

ESC C-E enter normal mode
 v enter visual mode
 V enter visual line mode
 C-v enter visual block mode
 i enter insert mode
 R enter replace mode
 a append
 A append at end of line

General Commands

y yank/copy (range)
 d delete/cut (range)
 c modify (range)
 x delete/cut (character)
 D delete to end of line
 C modify to end of line
 p paste after cursor
 J join lines
 r replace (character)
 > indent
 < indent leftward
 . redo
 u undo

EX Commands

:w save(:wq save and quit)
 :q quit(:q! quit anyway)
 :e x edit file x
 :n new window
 :h vim help
 :xx jump to line #xx

Auto-completion [insert mode]

C-N C-P auto-complete
 next/prev keyword
 C-X C-F auto-complete file
 name

Split window

:vsp :sp vertically/horizontally
 split
 :diffs split and diff
 C-W p to last accessed window
 C-W w to next window

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