

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
Ctr + p – word/variables auto filling
Ctr+o :w – save in insert mode
v – visual mode ( highline text fragment ):
    y – copy highlined
    p – paste highlined after cursor
Esc – return to command ( normal mode )
```

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
```

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

3) view – vi file viewer

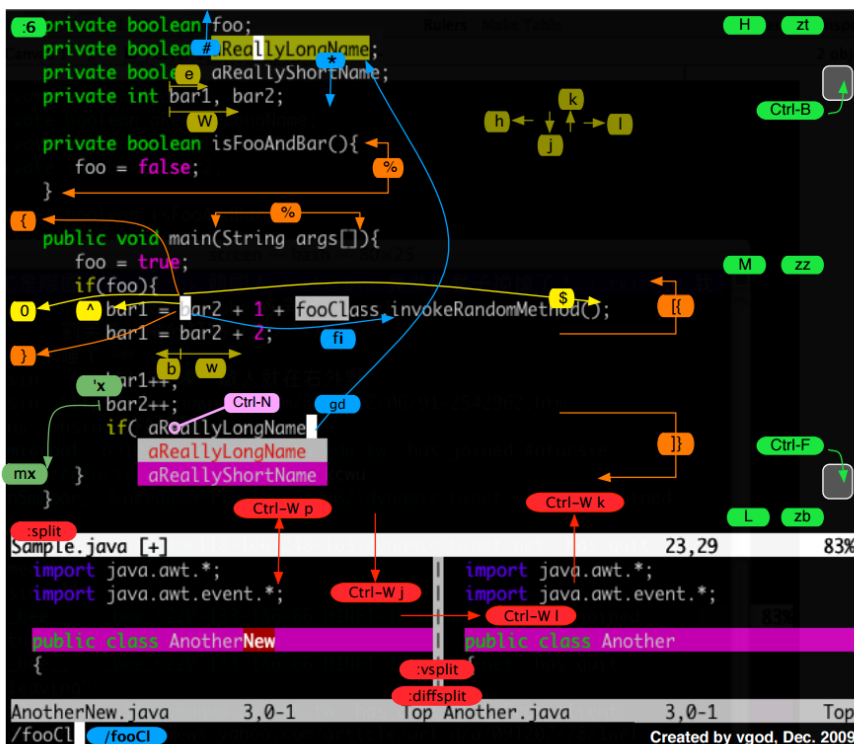
4) there are other editors, with different controls like **nano**.

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

uncomment line:

```
#force_color_prompt=yes
```

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
M	mid of win
L	btm of win
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-I	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
C-X	C-F	next/prev keyword
		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