

## 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
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

Created by vgod, Dec. 2009

**Movement/Range**

Character	
<b>h j k l</b>	← ↓ ↑ →
<b>w b W B e E</b>	word, WORD(all non-blank ch) next/prev word next/prev WORD end of word/WORD
Line	
<b>O \$ ^</b>	begin/end of line begin (non-blank) of line
Paragraph, Block	
<b>{ } [{ ]}</b>	prev/ next paragraph begin/end of block matching parenthesis
Window, File	
<b>H M L C-B C-F gg mx</b>	<b>zt zt zb G x</b> top of win scroll to top mid of win scroll to middle btm of win scroll to bottom prev/next page begin/end of file mark/jump to x
Search	
<b>* # fx gd /xxx n N</b>	find current word backward/forward to character x to right to definition of current word search xxx next/prev search result

**Mode Commands**

<b>[ESC] [C-L]</b>	enter normal mode
<b>v V</b>	enter visual mode
<b>C-v</b>	enter visual block mode
<b>i R a A</b>	enter insert mode enter replace mode append append at end of line
General Commands	
<b>y d c x D C P J r &gt; &lt; . u :w :q :e x :n :h :xx</b>	yank/copy (range) delete/cut (range) modify (range) delete/cut (character) delete to end of line modify to end of line paste after cursor join lines replace (character) indent indent leftward redo undo save(:wq save and quit) quit(:q quit anyway) edit file x new window vim help jump to line #xx
EX Commands	
<b>:w :q :e x :n :h :xx</b>	save(:wq save and quit) quit(:q quit anyway) edit file x new window vim help jump to line #xx

**Auto-completion [insert mode]**

<b>C-N C-P C-X C-F</b>	auto-complete next/prev keyword auto-complete file name
Split window	
<b>:vsp :sp :diffs Ctrl-W p Ctrl-W w</b>	vertically/horizontally split split and diff to last accessed window to next window