

**VIM is the most popular text editor in linux operating systems. Other text editors are emacs, gedit etc.**

**VI:** Visual display editor

**VIM:** Visual display improved

**To Install vim,**

Sudo yum install vim

Sudo apt-get install vim

**VIM has mainly three modes**

**1. normal mode(command mode)**

- this mode provides you an efficient way navigate and manipulate text.

**2. insert mode**

- you can write text as in any normal editors.

**3. Extended normal mode(command mode)**

- extended mode provides the ability to save, quit functionalities.

**To see the mode in which you are at, you can see at the status bar of the vim editor.**

**Changing the modes**

**ESC** for the normal mode

**i** for the insert mode

**Keys for movement of cursor without using the arrows.**

**h** : move to the left

**j** : move to the down

**k** : move to the up

**l** : move to the right

**For navigation in terms of words use the followings keys**

**w** : moves to the start of next word in a sentence

**e** : moves to the end of the word

**b** : moves to the beginning of the word

**You can also combine numbers and keys for the movement.**

E.g : 3w is the same as pressing w three times.

nb : n words backward

## **Inserting text multiple times**

E.g : 3i god then go to normal mode (ESC), you will get godgodgod

## **Finding a character.**

**f** : for next occurrence of a character.

**F** : for the previous occurrence of the character.

**Also you can combine f with the number for multiple occurrence of a character.**

**For finding the next matching parenthesis or bracket, use %**

## **To go to the start or end of a sentence**

**0** : for the beginning of the sentence.

**\$** : for the end of the sentence.

## **Finding the word under cursor**

**\*** : for the next occurrence of the word

**#** : for the previous occurrence of the word.

## **To move the cursor to the beginning of the file**

press **gg**

## **To move the cursor to the end of the file**

press **G**

## **To go to the line two**

press **2G**

## **Searching Text**

**To search text in vim, press / followed by the text you are looking for.**

**To search for the multiple occurrence of the text,**

press **n** for next

And **N** for the previous

**To insert text in a new line.**

Press **o** or **O**.

### **Removing a character**

**x** : deletes the character under cursor

**X** : deletes the character to the left of the cursor

### **Replacing character under cursor**

press **r**

### **Delete command**

**d** is the delete command

**dw** deletes the first word on the right side of the cursor

**dd** deletes a line

**n dd** delete n lines

**Note:** You can also paste by pressing **p**, the deleted text to the next location.

### **Removing two words**

**d2e** removes two words to the right of the cursor

### **Repeating the previous command**

press **.**

### **Undo the changes**

**u** to undo last change(word)

**shift+u** undo last change(sentence)

**Ctrl + r** to redo

### **Copy and Paste**

**VY** to copy a line

**Nyy:** to copy n lines

**p** to past a line below

**shift+p** to paste a line above

### **Visual Mode**

Visual mode is the another mode of VIM editor

In this mode you can select text using the movement keys before deciding any actions.

Go to visual mode by pressing **v**

Select word with **e**

After selecting you can remove it by pressing **d**

### **Extended (colon mode)**

**ESC+:w** : to save

**ESC+:q** : to quit

**ESC+ww** : Save and quit

**ESC+ww!** : Save forcefully

**ESC+qq!** : Quit forcefully

**ESC+wwq!** : Save and Quit forcefully

**ESC+:x** : To save and quit

**ESC+:2o(n)** : Go to line no 2o or n

**ESC+:se nu** : Set line number

**ESC+:se nonu** : Remove line number

**/** search word in a file

**:help** for vim help