



VI Editor



VI Editor

GUI



Terminal



Why vi Editor

- It is available in almost all Linux Distributions
- It works the same across different platform and Distributions.
- It is user friendly.

Many Versions
of Vi Available



Why vi Editor



Vi improved

```
88888b. 8888b. 88888b. .d88b.  
888 "88b "88b 888 "88b d88""88b  
888 888 .d888888 888 888 888 888  
888 888 888 888 888 888 Y88..88P  
888 888 "Y888888 888 888 "Y88P"
```

elvis

nvi

vile

Why To Learn vi Editor

- Because is Feature rich
- It offers endless Possibilities to add a file
- In order to work on Vi editor we need to understand its operation most.
- It can be divided into two part
 - Command Mode
 - Insert Mode

Command Mode

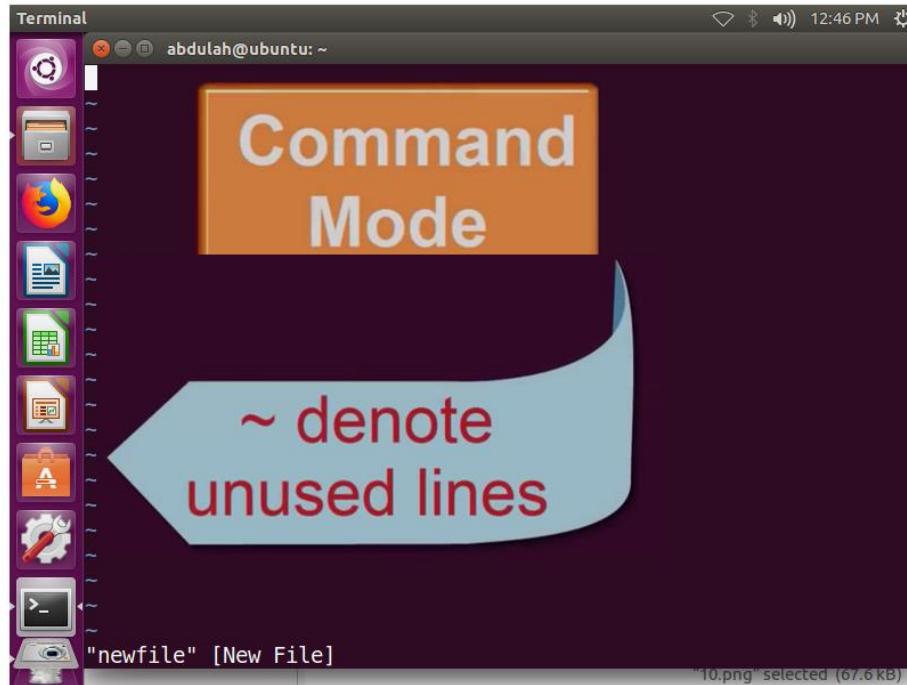
- Vi editor opens in this mode.
- move the cursor and cut and copy past text.
- saves the changes to the file.
- commands are case sensitive.

Insert Mode

- This mode is for inserting text in the file.
- Press I on the keyboard for insert mode.
- Once you are in insert mode any key.
- To return the command mode and save the change you have made press Esc key.

Starting Vi Editor

- You need to open the terminal and type
 - Vi <filenameNew> or
 - Vi <FilenameExisting>



Starting Vi Editor

Keystrokes	Action
i	Insert at cursor (goes into insert mode)
a	Write after cursor (goes into insert mode)
A	Write at the end of line (goes into insert mode)
ESC	Terminate insert mode
u	Undo last change
U	Undo all changes to the entire line
o	Open a new line (goes into insert mode)
dd	Delete line
3dd	Delete 3 lines.
D	Delete contents of line after the cursor

Creating & Editing Files

- I to add some contents
- O letter to start a new line
- To undo you have press Esc first and then U
- If I want to start after cursor press a

Some more commands

Keystrokes	Action
C	Delete contents of line after the cursor and insert new text.
dw	Delete word
4dw	Delete 4 words
cw	Change word
x	Delete character at cursor
r	Replace character
R	Overwrite characters from cursor onward
s	Substitute one character under cursor continue to insert
S	Substitute entire line and begin to insert at beginning of the line
~	Change case of individual character

Some more commands

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Moving within a files

Keystroke

Use

k

Move cursor up

j

Move cursor down

h

Move cursor left

l

Move cursor right



Some more commands

- L key to move right
- H key to move left
- K key to move up
- J key to move down

Saving or closing the file?

Keystroke

Use

Shift+zz

Save the file and quit

:w

Save the file but keep it open

:q

Quit without saving

:wq

Save the file and quit



Saving or closing the file?

- To save a file press Esc button then Shift + Z+Z or wq
- To entre the file you have saved use Cat

Summary

- The vi editor is the most popular and commonly used Linux text editor.
- It is usually available in all Linux Distributions.
- It works in two modes, Command and Insert.