

Using VIM & Linux CLI

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What is VIM (Vi IMproved)

- A text editor
- Mainly designed for command line interface
- Free and open source software



Why VIM ? Why CLI (Command Line Interface)

- Our goal is to become experts at using the command line.
- The Command Line if done correctly can be very fast and efficient.
 - No need to load fancy graphics, can automate tasks.
- Nano and Vim generally come with most linux distributions.
 - A global standard text editor.
- Headless server?



Important Linux Commands

- **ls**
 - List files and directories
- **cd**
 - Change directory
- **rm**
 - Remove files or directories
 - For directories you need the “rm -r “ that is remove recursively
- **cp**
 - Copy a file.
- **mkdir**
 - Make directory



Getting Started

Installing VIM

- `$ sudo apt install vim`

Creating a file named hello

- `$ touch hello`
 - Creates a file named hello, nothing more.



Important Modes

- Insert Mode
 - For editing
- Normal Mode
 - When you first start vim
- Command Mode
 - Run commands `“:x”`



Insert Mode

- Once you start press “i” on keyboard.
- ESC (Escape will take you from insert mode to command mode)



Exiting Vim

- After you have written your file.
- To save you need to be in command mode.
 - a. ESC (Command Mode)
 - b. :x (Exit and save)
 - c. :q! (Exit but do not save)



Summary

Using vim can seem complicated at first but once doing so will make developing software and writing documents faster. You should be able to get yourself around the Linux file system using the commands given here.



Thank You

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