

# Quick Guide

Linux Command Line

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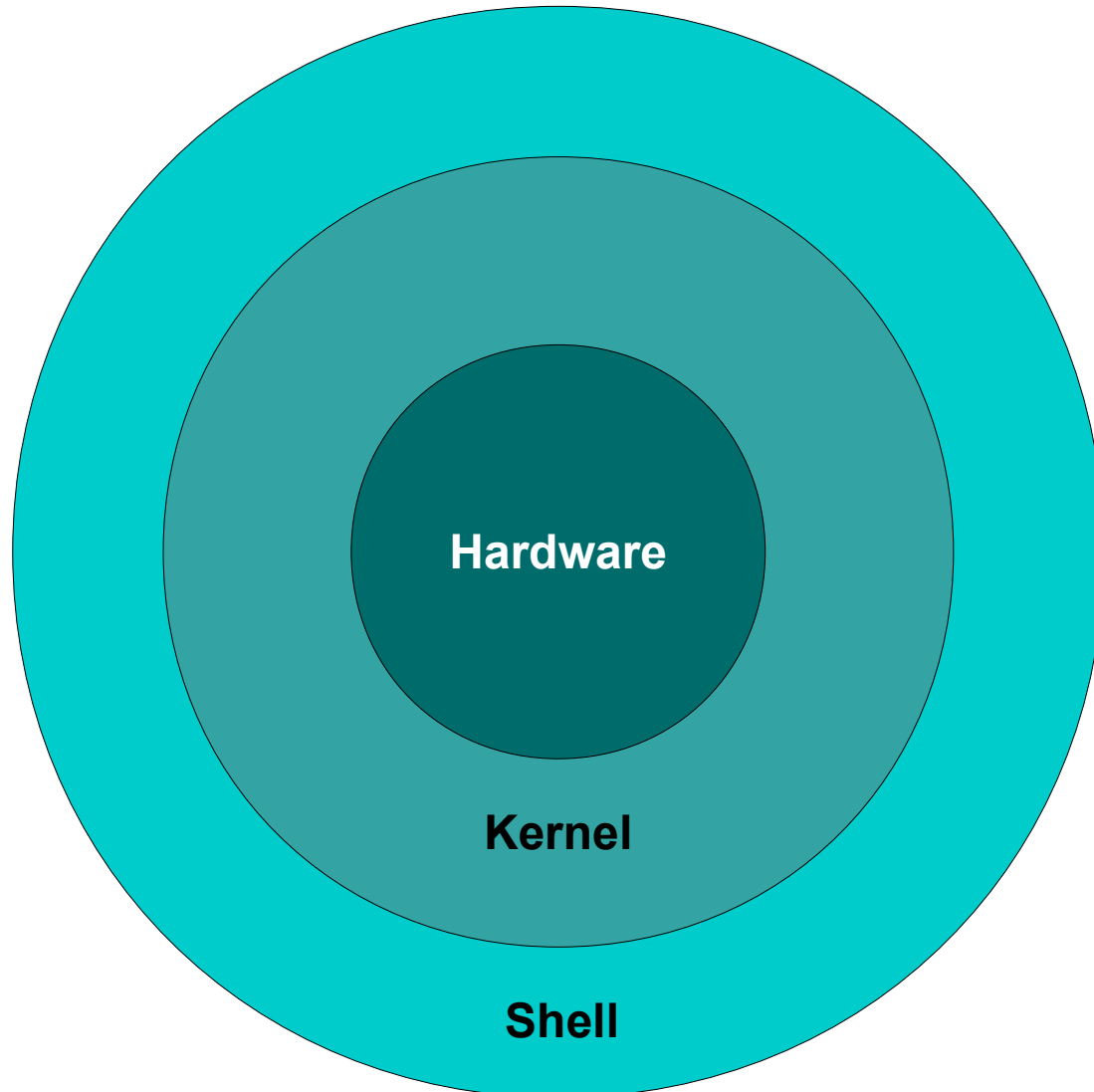
# About

- Senior Software Engineer @ SIPA
- Fedora Ambassador @ Fedora Project
- Ubuntu LocoTeam @ Ubuntu Club

# Linux?

- Operating System
- “Linux” = Linux kernel
- Linus Torvalds develop Linux kernel
- More than **10,000 developers** around the world
- Release under GNU/GPL Version 2.0

# Why command line ?



# Shell

```
chabu@pirate:~$
```

```
root@pirate:~#
```

**\*\* file and directory is case sensitive \*\***

# Basic Command

**\$command <option>**

**Eg: ls -la**

**\*\* use TAB to complete command \*\***

# Basic Command

- **whoami**  
show who you are
- **ls**  
list file & directory
- **cp**  
copy file

# Basic Command

- **cd**  
change to \$HOME directory
- **cd *somedir***  
change to somedir
- **pwd**  
show current directory



# Basic Command

- **mv**  
move or rename file & directory
- **touch *filename***  
create blank file
- **cat *filename***  
view content in file

# Basic Command

- **ps**  
list the process
- **pstree**  
list the process as tree
- **cat *filename***  
view content in file

# Basic Command

- ***tar myfile.tar myfile***  
create archive file .tar
- ***gzip myfile***  
create archive file .gz
- ***tar zxvf myfile.tar.gz myfile***  
create archive in tar then gzip

# Pipe and Direction

- **Pipe |**  
combined shell command
- **Direction >, <, >>**  
sent out put, sent input
- **Step Command line ;**  
run more command in 1 line

# Pipe & Direction

- **ls -la | more**

list all file in current directory with page break

- **ls -la > *mylistfile.txt***

list all file in current directory and save the result to *mylistfile.txt*

- **cat *mylistfile.txt* > *mylistfile2.txt***

list content and sent to *mylistfile2.txt*

# Pipe & Direction

- **touch** *mylistfile3.txt*
- **echo** “Hello World” > *mylistfile3.txt*
- **echo** “*My name is Anuchit.ch*” >> *mylisyfile3.txt*

# Editor in Command Line

- **vim or vi**
- pico
- **nano**
- mcedit

# Advance Command Line

Combine shell script with basic command or shell programming...



**Q & A**



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