

# Preparation for 8 Labs

Xiao Qi

2013~9~16

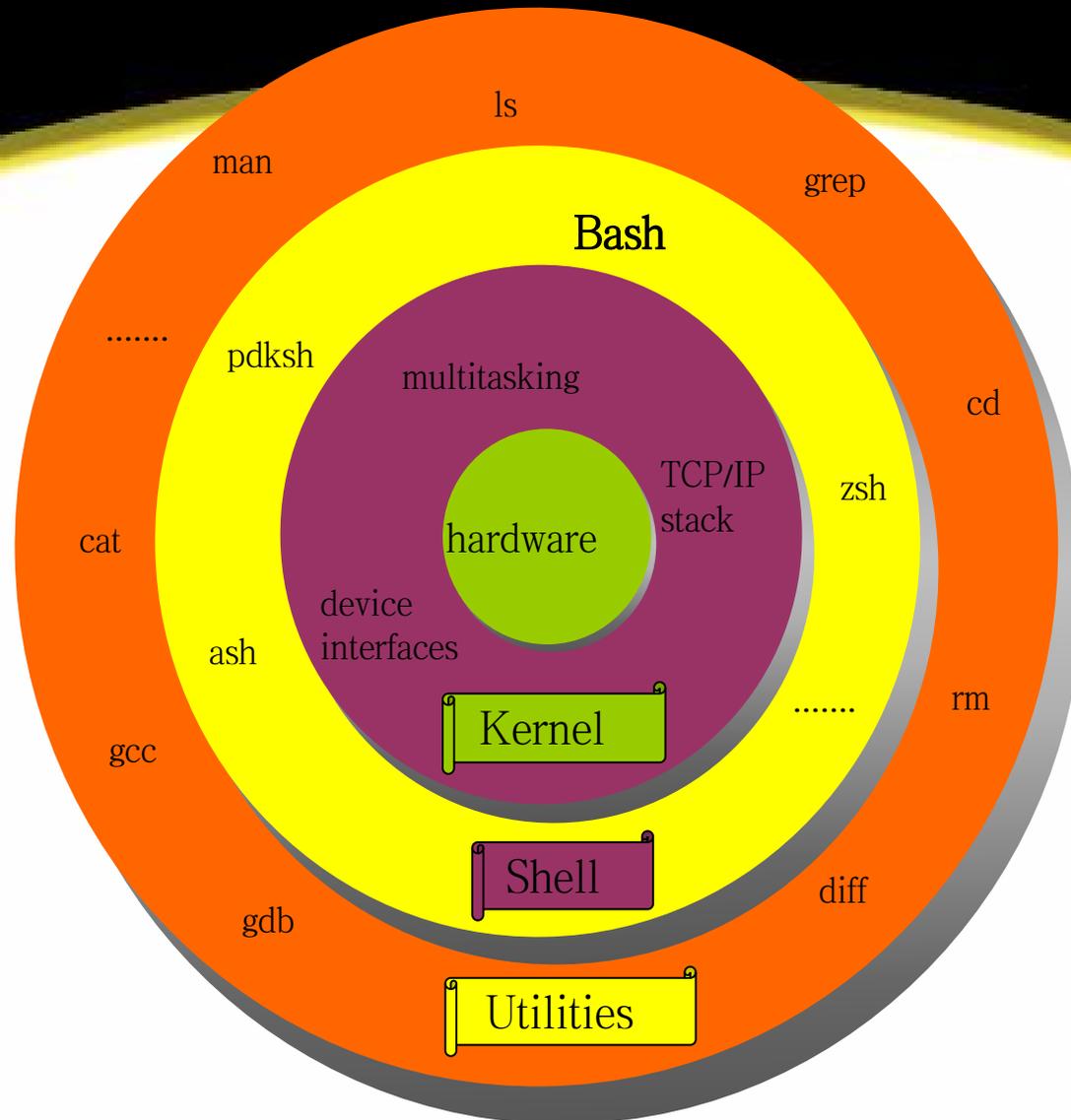


# Outline



- o Bash Shell Commands
- o GCC & GDB Operations
- o Qemu Operations
- o Softwares

# Bash Shell ommands



# Bash Shell ommands



- o Common Commands
  - o ls, pwd, cd, echo, cat, cp,mv,touch,mkdir,rm, ps.
- o Control Process
  - o Input & Output
  - o Command>filename / command>>filename /command<filename.
  - o Pipe
  - o Background command
- o Get software package
  - o apt-get
- o Search help doc
  - o man

# GCC & GDB



- o GDB
  - o Powerful debug tool.
  - o show demo.

# QEMU



- o Qemu
  - o QEMU is a generic and open source machine emulator and virtualizer.
  - o `sudo apt-get install qemu-system.`
  - o show demo

# QEMU



- o Qemu & gdb

- o show demo

# GCC & GDB



- o GCC
  - o Compile and generate the final executable file.
  - o `sudo apt-get install build-essential.`
  - o `gcc -Wall hello.c -o hello (show demo)`
  - o make & Makefile

# Softwares



- o Editors
  - o gedit & Vim
- o Index generator
  - o exuberant-ctags (demo if have time)
- o Comparation and Modification
  - o diff & patch (demo if hava time)



Thanks

