Lab 3 Notes

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Experiment Environment

• Install Linux in real computer
• Or install linux in virtual machine
  – VirtualBox: http://www.virtualbox.org/
  – VMWare Player: http://www.vmware.com/products/player/
Build Customized Kernel

• Different distributions has different ways

• General steps
  – Install build tools (GCC, libc, kernel source, and etc)
  – Set kernel config
  – Building
  – Set bootloader
Learning Linux Kernel Code

• The Linux Cross Reference - [http://lxr.linux.no/](http://lxr.linux.no/)

• **Documentation/** has many useful documents
  – CodingStyle
  – Writing modules
  – Using kernel services

• Viewing source code and comments
Errata

• P.46: ip_fregment() -> ip_fragment()