

Beginning System Administration DeCal

Week 7

March 29, 2010

Administrivia

- Final Projects
- Half + 1 rule
- Extraordinary Circumstances
- Groups and lab policy
- Special Topics

Recap

- Server Daemons
 - Provide a service to the network or the local machine
 - Compile from source or through package managers
- Installing software
 - Retrieve source form developers and compile
 - Package Managers (`apt-get`, `yum`, `portinstall`)

Server Daemons

- Internet
 - Website Hosting (Backend)
 - Apache
 - lighttpd
 - Microsoft IIS
 - SSH, SFTP
 - Email
 - Databases

Service Solutions

Software decisions needed to deliver products and services

- Operating System
- User-server interaction
- Data Storage
- Programming “glue”

Considerations

- Customers and Clients
- Preference and Experience
- Popularity and Support
- Resource Limitations

LAMP Model

- Linux - OS
- Apache - Web Server
 - Modules (`mod_perl`, `mod_php`, `mod_ssl`)
- MySQL - Database
- PHP/Perl/Python - Programming language

LAMP Model (cont.)



Real World

