CSCI 2461, Computer Networking 3 - Linux
Week 08 (Rev. 0)

Wednesday, February 28, 2018

Due Homework
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Opening
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Shell Scripting
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Labs 2-6
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Homework
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Ciao.
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Due Homework

Reading

- Would anyone care to share their 500 word response to An Industry Guide to Becoming a Software Engineer
- What is the Devuan Debian Fork?

Due Homework   Opening   Shell Scripting   Labs 2-6   Homework   Ciao.

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Lab

- Customize your USB and document how you did it, using Markdown formatting. Post this to your week7 repository.
- Write a script that determines your current run level, and returns the value. Post the executable script to your week7 repository as week7-runlevel.sh
- Write a unit file for a service, load it, unload it, and return the status. Post this unit file to your week7 repository with the proper naming of service files.
- Collaborate with your peers on the assignments.

Pre-Midterm Review

Today we are going to review the previous weeks lab modules and apply them today in class again, so you can refresh your skills before the midterm. Login to your GitHub.com account to download from these links, or load D2L and open them from the "Content" sidebar.

Lab Module 2

Lab Module 3

Lab Module 4

Lab Module 5 & 6

Lab Module 7

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Opening

Class Plan

Today we are going to be working through the previous lab modules as a refresher for you and build scripts for each set of modules. We will start out with a shell scripting refresher and then you will work through the modules.

Most of the class today will be you applying the previous weeks lab modules as shell scripts.

1-on-1s

If you still haven't had a 1-on-1 with me regarding your class progress or have questions, please clearly block write your name in the second sign-in book.

Get Ready

Setup your workstation for class, you have four ways you can work on your commands in a terminal today.

Make sure to log into your GitHub account to download the modules as we go today.

You can: Boot into Linux on your USB, Boot into your Linux VM, load Googles Debian Cloud Shell, or use my Kernel in Browser Lab

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Shell Scripting

Refresher

Open ShellScript.sh and a terminal.

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Labs 2-6

Module 2

Lab Module for Week 2

Module 3

Lab Module 3

Module 4

Lab Module 4

Modules 5 & 6

Lab Module 5

Module 7

Lab Module 5

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Homework

Apply

- Apply the lab modules provided in individual scripts, upload to GitHub as week8-review.sh, download the archive and upload to D2L.

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