Lecture 5
Linux and VCS Tutorial

Xuan 'Silvia' Zhang

Washington University in St. Louis

http://classes.engineering.wustl.edu/ese461/

Outline

Linux Basics

VCS Simulator

Verilog Intro

Linux Lab

- https://linuxlab.seas.wustl.edu/equeue/

- Remote Linux Desktop
  - virtual network computing (VNC)
  - eQUEUE
  - Javascript, Jave Runtime Environment (JRE)

Linux Basics

- GUI
  - file management
  - folder navigation

- Terminal
  - command-line interface

- Introduction to Linux
  - https://www.edx.org/course/introduction-linux-linuxfoundationx-lfs101x-0

Useful Commands

- ## Navigation
  - ls, cd, pwd, ln, find, less, more

- ## Manipulation
  - cat, cp, mv, grep, mkdir, touch
  - chmod, chown

- ## Check status
  - df, du, quota, uname, history

- ## Set Environment
  - Unix shell: Bash, C shell (csh, tcsh), etc.
  - source .bashrc
  - module avail

Questions?

Comments?

Discussion?