



Overview

Week 1

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Grades

Discussion Forums



Congratulations! You've completed the course. [View Final Grade](#)

THIS WEEK'S FORUM

Week 1

Discuss this week's modules here.

1 threads · Last post 6 months ago

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LINUX ORIENTATION



Jerry Cooperstein



Learning Objectives

Explain the difference between the Linux kernel and the full Operating System (OS)

Summarize the history of Linux and its relationship to UNIX

Describe the role of Linux distributions and the Linux Standard Base (LSB)

Enumerate the various layers that must be traversed to bring a system up to a full graphical desktop

Understand the use of the X Window system and the roles of and choices for window and desktop managers

Access terminal windows for command line work and deployment choices

Access documentation and help resources for Linux systems, including man, info, help, and the --help option

⌵ Less

Linux and the Operating System



Video: Introduction to Linux for Developers (Course 2) 1 min

Resume



Video: Module 1 Overview 1 min



Video: Kernel vs. Operating System and Tools 4 min



Video: History of Linux 3 min



Video: UNIX and Linux 4 min



Video: Linux Distributions 4 min



Video: Using Linux Distributions (Demo) 5 min



Reading: Linux Standard Base 5 min



Reading: Software Environment 10 min



Reading: Preparing Your System 10 min



Reading: sudo (Lab) 20 min



Quiz: Linux and the Operating System 5 questions

Graphical Environments and Interfaces



Video: Graphical Layers and Interfaces 6 min



Video: Using KDE Desktop (Demo) 4 min



Reading: Using Multiple Workspaces (Lab) 20 min



Reading: Using Multiple Tabs in a Terminal Window (Lab) 20 min



Quiz: Graphical Environments and Interfaces 5 questions

Getting Help



Video: Getting Help 2 min



Reading: man Pages 15 min



Reading: info 15 min



Reading: --help and help 10 min



Video: Graphical Interfaces: GNOME and KDE 1 min



Reading: Multiple man Pages (Lab) 20 min



Reading: Using info (Lab) 20 min



Quiz: Getting Help 5 questions