Introduction to UNIX

Course Summary

Description

Through hands-on laboratory and focused class discussions, participants master essential skills by exploring, experimenting, and solving problems.
With the support and supervision of an experienced educator, students are guided in appropriate steps on a live UNIX system.
Each student receives a handbook consisting of detailed and carefully crafted modular guides that provide step-by-step instructions, command summaries, and essential diagrams. This handbook includes appendices and a complete index, making it an essential resource both in the classroom and on the job.

Objectives

By the end of this course, students will be able to:

- Log on to a UNIX system
- Understand basic UNIX features
- Use essential utilities
- Communicate with other users
- Create and edit files using vi
- Learn file manipulation commands to copy, rename, move and print
- Access on-line help and documentation
- Navigate the file system
- Create, remove and manipulate directories
- Appropriately modify file and directory permissions
- Manage the user's processes
- Access system and network resources
- Redirect output from a utility to a file or pipe to another utility

Topics

- Overview of UNIX
- Getting Started
- File System Concepts
- Basic Commands
- Using the vi Editor
- File Permissions
- Korn Shell Features
- UNIX Environment
- Shell Variables
- Configuration Files

Prerequisites

No UNIX experience is required, although experience using a computer is helpful.

Audience

This course is designed for any individual who needs a fundamental understanding of UNIX. This course forms a suitable introduction for system, network and database administrators, and programmers developing software on the UNIX platform.

Duration

Two days

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