Introduction to Unix/Linux (3 Day)

Introduction

A hands on course that teaches the fundamentals of the Unix Operating System. This course lays a foundation for any future Unix development. In this introductory course you will experience the core of the Unix commands to help you build your own prefered OS environment. Also covered are the powerful features of Unix.

Audience

This course is a foundation for everyone that wants an understanding of the basics of Unix. Some end users will not require further instruction in Unix beyond this course, other end users (e.g. Unix system administrators and Unix programmers) can use this course as a strong foundation for future classes.

Prerequisites

- Novice Unix users who wish to become self-sufficient using Unix commands to perform tasks on their Unix workstations
- Programmers, maintenance personnel, and novice system administrators who have previous experience with computers, but not necessarily with Unix

Topics Covered

- Logging in and practicing with the interface
- Basic commands
- The big picture
- Data organization
- Frequently-used commands
- The user environment
- File security and communication
- File manipulation
- Data manipulation
- The vi text editor
- Networking and file transfer utilities
- Customizing your environment
- Command interpretation: the shell