



Leveraging the Power of UNIX Command Line in Mac OS X

UNIX Course

Tuition: \$999

3 Day Hands-on Course

Most Mac OS X users don't need, and never see, the UNIX side of Leopard, but support staff and administrators can use the UNIX command line environment to: save time; streamline and automate frequently-performed tasks; and access features and options that are not available in the GUI (Graphic User Interface).

PREREQUISITES: This course assumes that you are familiar with using personal computers and have used a mouse and keyboard (basic typing skills are recommended). Specifically, you should be able to launch and close programs; navigate to information stored on the computer; and manage files and folders.

WHO SHOULD ATTEND: Advanced Mac OS X users, Support/Help Desk staff and System Administrators will all benefit from an understanding of UNIX. Skills apply directly to Mac OS X and transfer directly to any other UNIX based system. Administrators should take this to provide a foundation to more advanced topics such as script reading and debugging, and shell programming (writing scripts).

WHAT YOU WILL LEARN

START AND USE THE TERMINAL APPLICATION

START AND USE A SHELL

DEFINE OWNERSHIP AND PERMISSIONS

GET HELP ON COMMANDS

DEFINE BASIC COMMAND SYNTAX

DEFINE USE FOR BASIC COMMANDS

RUN BASIC COMMANDS

DEFINE BASIC FILE SYSTEM ELEMENTS

TRAVERSE FILE SYSTEMS

MANIPULATE DIRECTORIES AND FILES

EDIT TEXT FILES WITH VISUAL EDITOR (VI)

DEFINE AND MONITOR USER PROCESSES

DEFINE PROCESS VERSES THREAD

CONTROL PROCESSES WITH SIGNALS (KILL COMMAND)

DEFINE SHELL SCRIPTS AND WHEN TO USE THEM

DEFINE SHELL VARIABLES AND HOW TO USE THEM

BEGIN TO READ AND INTERPRET SCRIPT CODE

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