

Looking at Training Differently.....

UNIX: Introduction Level 2

Objectives: Students will learn about the UNIX user environment, the components of the user

interface, and how they can be modified to create a custom interface. In addition, students will learn several advanced file management techniques and how to use

the find, grep, and egrep commands. Students also learn to create custom

reports from database files by using the tr, sed, and awk programs.

Prerequisites: Students enrolling in this course should understand the basic concepts involved

in working with the UNIX operating system. For example, they should be familiar with such terms as home directory, directory structure, file management, and permissions. Students should also be familiar with the components that make up

the personal computer, including input, output, and storage devices.

Duration: Two days

Additional Information Course content can be tailored to client specific needs

Course Contents

Understanding UNIX shells Creating user variables The UNIX C-Shell user environment Viewing and modifying your .login file Creating and modifying your .exrc file Examining the order of execution of the environmental files Aliases in the C-Shell Introducing the alias concept Making your aliases permanent History in the C-Shell Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Command location and documentation Multitasking capabilities Introducing the multitasking capability Managing processes by using the process table Managing processes by using the process table Using advanced grep to search file contents		
Creating user variables The UNIX C-Shell user environment Viewing and modifying your .login file Creating and modifying your .exrc file Examining the order of execution of the environmental files Aliases in the C-Shell Introducing the alias concept Making your aliases permanent History in the C-Shell Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Command location and documentation Multitasking capabilities Introducing the multitasking capability Managing processes by using the process table Managing processes by using the process table Advanced file management Using advanced grep to search file contents	UNIX shells and variables	
The UNIX C-Shell user environment Viewing and modifying your .login file Creating and modifying your .exrc file Examining the order of execution of the environmental files Aliases in the C-Shell Introducing the alias concept Making your aliases permanent History in the C-Shell Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Command location and documentation Multitasking capabilities Introducing the multitasking capability Managing processes by using the process table Management Using the find command to locate files Using advanced grep to search file contents	Understanding UNIX shells	Displaying the default variables
Viewing and modifying your .login file Creating and modifying your .exrc file Examining the order of execution of the environmental files Aliases in the C-Shell Introducing the alias concept Making your aliases permanent History in the C-Shell Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Introducing the multitasking capability Managing processes by using the process table Advanced file management Using the find command to locate files Viewing and modifying your .cshrc file Creating and modifying your .logout file	Creating user variables	Removing user-created variables
Creating and modifying your .exrc file Examining the order of execution of the environmental files Aliases in the C-Shell Introducing the alias concept Making your aliases permanent History in the C-Shell Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Command location and documentation Multitasking capabilities Introducing the multitasking capability Managing processes by using the process table Advanced file management Using the find command to locate files Creating and modifying your .logout file	The UNIX C-Shell user environment	
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Modifying your environment to use history History editing techniques System status and command information Determining the system and user status Command location and documentation Multitasking capabilities Introducing the multitasking capability Managing jobs and background processes by using the process table Introducing the delayed and detached jobs concept Advanced file management Using the find command to locate files Using advanced grep to search file contents	Making your aliases permanent	
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Managing processes by using the process table Managing processes by using the process table Introducing the delayed and detached jobs concept Advanced file management Using the find command to locate files Using advanced grep to search file contents	Multitasking capabilities	
Managing processes by using the process table Introducing the delayed and detached jobs concept Advanced file management Using the find command to locate files Using advanced grep to search file contents	Introducing the multitasking capability	
Using the find command to locate files Using advanced grep to search file contents	Managing processes by using the process table	Introducing the delayed and detached jobs
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	Using the find command to locate files	Using advanced grep to search file contents
Introducing the egrep command	Introducing the egrep command	
Transferring and printing files	Transferring and printing files	
Managing file space requirements Using tar to archive files and directories	Managing file space requirements	Using tar to archive files and directories
Using the print format command Sending output to the printer	Using the print format command	Sending output to the printer



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Command line database processing	
Using awk to display file contents	Formatting files with the tr command
Using sed to edit file contents	Scripting your database reporting