HP-UX Shell Programming

Duración: 2 Días Código del Curso: HSPR

Temario:

English - Please note this course is only available in English.
Español - Por favor, tenga en cuenta que esta formación solo está disponible en inglés.
HP-UX Shell Programming Course Overview
This Hewlett Packard HP-UX Posix Shell Programming training course is designed to give delegates practical experience in developing and writing HP-UX shell scripts. Most of the built-in shell commands are introduced together with the main program control structures. *This course is not suitable for C shell programmers*.
Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

Dirigido a:

Who will the Course Benefit?

Programmers,administrators and support personnel who need to understand existing shell scripts,automate procedures and write their own utilities.
The course assumes knowledge of the HP-UX Operating System to the level covered in the HP-UX Introduction course. Some programming experience may also prove advantageous.

Objetivos:

- Course Objectives
- To provide the skills needed to develop and customise shell programs.

Prerequisitos:

- The HP-UX Shell Programming course assumes knowledge of the HP-UX Operating System to the level covered in the HP-UX Introduction course. Some programming experience may also prove advantageous.

Siguientes cursos recomendados:

Further Learning

- HP-UX System Administration
- Oracle SQL
- HP-UX Advanced Shell Programming Tools

Contenido:

HP-UX Shell Programming Training Course Course Contents - DAY 1

Course Introduction

- Administration and course materials
- Course structure and agenda
- Delegate and trainer introductions

Session 1: HP-UX COMMAND REVIEW

- Basic Unix commands
- General commands
- File and directory handling commands
- Filename generation and regular expression characters
- I/O Redirection features
- Other commands

Session 2: GETTING STARTED

- What is a shell script?
- Development guidelines
- Creating and editing shell scripts
- Naming and storing shell scripts
- Executing shell scripts
- Exercise: Write a simple shell script

Session 3: USING VARIABLES

- Environment variables
- Local variables
- Assigning values to variables
- Assessing variable values
- Using quotes
- Delimiting variable names
- Echo control sequences
- Exercise: Add variables to a script

Session 4: INTEGER ARITHMETIC

- Using the expr command
- Using the (( )) notation
- Exercise: Add integer arithmetic to a shell script

Session 5: HANDLING RUN TIME DATA

- The read command
- Command line arguments
- Exercise: Writing a generic shell script
- Exercise: Writing an interactive shell script

Session 6: CONDITIONAL EXECUTION

- The if statement
- The test command
- Exercise: Adding validation to previous scripts

Session 7: ADDITIONAL KORN,BASH ; POSIX SYNTAX

- Other test notations
- Default and substitute variables
- Exit status codes
- Exercise HP-UX Shell Programming Training Course Course Contents - DAY 2

Session 8: LOOP CONSTRUCTS

- The while loop
- The until loop
- The for loop
- The while true and until false loops
- Loop control commands
- Exercise: Enhancing the previously written scripts
- Exercise: Writing a script to copy files using a 'for' loop
- Exercise: Writing a script to generate numbers with the 'while' loop

Session 9: MULTI-BRANCH DECISIONS

- The case statement
- Menu driven applications
- Exercise: Developing and writing a menu system

Session 10: FUNCTIONS

- What is a function?
- Syntax
- Examples
- Exercise: Add a function to a script

Session 11: INTERRUPT HANDLING

- Interrupt signals
- Trapping interrupts
- Exercise: Adding traps to the menu script

Session 12: ADDITIONAL FEATURES AND FACILITIES

- The exec commands
- The includes notation
- More about loops
- Arrays
- Here Documents
- Exercise: Create a here script

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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