

## Solaris Shell Programming

Cursusduur: 2 Dagen    Cursuscode: SSPR

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### Beschrijving:

#### Solaris Shell Programming Course Overview

This Solaris Korn Shell Programming training course is designed to give delegates practical experience in developing and writing SOLARIS 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.

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### Doelgroep:

#### Who will the Course Benefit?

Programmers, administrators and support personnel who need to understand existing shell scripts, automate procedures and write their own utilities.

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### Doelstelling:

- Course Objectives
  - This Solaris Shell Programming course provides the skills needed to develop and customise shell programs.
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### Vereiste kennis en vaardigheden:

- The Solaris Shell Programming course assumes knowledge of the Solaris Operating System to the level covered in the Solaris Introduction course. Some programming experience may also prove advantageous.
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### Vervolg cursussen:

#### Further Learning

- Solaris 11 System Administration - Part I
  - Oracle SQL
  - Solaris Advanced Shell Programming Tools
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## Cursusinhoud:

### Solaris Shell Programming Training Course Course Contents - DAY 1

#### Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

#### Session 1: SOLARIS 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 Solaris 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

## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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