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# Shell Programming in Unix/Linux

## Description

This course presents how to achieve greater security and intuitive proficiency through the Shell and the well-stocked toolbox of Linux/Unix, and how to experiment with and use them.

## Niveau

Intermédiaire

## Course Content

- Concept of script
- Running a script
- Concept of variables
- Passing arguments to a script
- Test statements
- Arithmetic operations
- Manipulating strings
- Conditional execution statements
- Interactive execution statements
- Using functions
- Handling command-line options
- Handling menus
- Intercepting signals
- Debugging and troubleshooting a script

## Lab / Exercises

- Practice exercises will be given at the end of each module

## Documentation

- Courseware included

## Participant profiles

- Experienced Unix programmers
- Unix or Linux administrators with programming experience

## Prerequisites

- Experience with vi or vim editor and programming, equivalent knowledge

## Objectives

- Utilize the countless possibilities of the Linux/Unix Shell and the available tool palette
- Develop efficient working tools as well as small and medium-sized applications

## Classroom Registration Price (CHF)

2300

## Virtual Classroom Registration Price (CHF)

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2150

**Duration (in Days)**

3

**Reference**

PSUL