



## UNIX Fundamentals

17 - 21 Jun 2024  
Vienna (Austria)



# UNIX Fundamentals

**Ref.:** 15172\_311353 **Date:** 17 - 21 Jun 2024 **Location:** Vienna (Austria) **Fees:** 4900 **Euro**

## Introduction:

This training course introduces the delegate to the main concepts of the UNIX Operating System. The most commonly used unix commands are described in detail as are the command line wildcard and redirection facilities. The mechanisms by which a user acquires a login environment are discussed and the main features of the Korn/Posix/Bash Shells are introduced. It is designed to give delegates practical experience in developing and writing shellscripts. Most of the built-in unix shell commands are introduced together with the main program control structures.

Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

## Targeted Groups:

- Programmers
- Administrators and support personnel who need to understand the UNIX Operating system, existing shellscripts, automate procedures and write their own utilities.

## Course Objectives:

To provide the skills needed to work productively in a UNIX environment to develop and customize shell programs.

## Course Content:

- INTRODUCTION TO THE UNIX OPERATING SYSTEM
- BASIC COMMANDS
- REDIRECTION AND PIPES
- INTRODUCTION TO THE vi EDITOR
- SEARCHING AND REPLACING TEXT
- RECALLING AND EDITING COMMANDS
- FILE PERMISSIONS AND ACCESS CONTROL
- FILTERING TEXT
- PROCESSES
- THE USER ENVIRONMENT
- MORE BASIC COMMANDS
- UNIX COMMAND REVIEW
- GETTING STARTED
- USING VARIABLES
- INTEGER ARITHMETIC
- HANDLING RUN TIME DATA
- CONDITIONAL EXECUTION
- ADDITIONAL KORN, BASH & POSIX SYNTAX
- LOOP CONSTRUCTS
- MULTI-BRANCH DECISIONS



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- FUNCTIONS
- INTERRUPT HANDLING
- ADDITIONAL FEATURES AND FACILITIES



**Registration form on the :  
UNIX Fundamentals**

**code:** 15172 **From:** 17 - 21 Jun 2024 **Venue:** Vienna (Austria) **Fees:** 4900 **Euro**

Complete & Mail or fax to Mercury Training Center at the address given below

**Delegate Information**

Full Name (Mr / Ms / Dr / Eng):

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Position:

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Telephone / Mobile:

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Personal E-Mail:

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Official E-Mail:

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**Company Information**

Company Name:

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Address:

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City / Country:

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**Person Responsible for Training and Development**

Full Name (Mr / Ms / Dr / Eng):

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Position:

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