

Linux Training: Mastering Essential Commands (UCINTR, 4 jours)

Description

The course Mastering Essential Commands (Linux Training) teaches new users how work with Linux . The course starts from the ground up, and quickly introduces participants to command line scripting, getting help, file and directory manipulation, I/O redirection, piping & more. The training also includes regular expression, grep & awk and task automating using shell scripting.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Essential UNIX Commands

File and directory manipulation

I/O redirection and pipes

Writing shell startup files

Using the shell command history

Finding UNIX Documentation

The man command

Other manual page browsers

UNIX regular expressions

The meta character set

Building search patterns

Developing extended regular expressions

Using the grep command

Processing files

Processing command output

The characteristics of a UNIX filter

Reading from standard input

Writing to standard output and standard error

Common UNIX filters

Editing the output of commands with the stream editor sed

Translating characters with tr

Sorting files and command output

Comparing different versions of files

Using other common filters: cut, uniq tee

Combining filters for complex text processing

Executing filter commands with find

RESTRUCTURING DATA WITH AWK

Testing and extracting fields from structured input

Performing arithmetic calculations

Writing useful awk one-liners

Matching patterns with extended regular expressions

Modifying awk's default behavior with special patterns and built-in variables

Calling awk built-in functions

Using awk's control constructs for testing and looping

Storing data in arrays

Formatting output using printf

Searching files with multiline records

Shell basics

Writing simple shell scripts

Storing data in shell variables

Exporting variables to the environment

Preventing the creation of a subshell environment

Controlling logic flow

Making decisions with if and case

Quoting shell commands to avoid problems with variables

Reading and testing standard input

Looping with for and while

Accessing the shell's built-in variables

Other shell features

About the Standard Input and Output Streams

Accepting command line arguments

Redirecting standard output

Substituting command output

Performing arithmetic in shell scripts

Scanning for command line options