

Course Duration

2 days

Unix & Linux Shell Programming

Course Overview

One of the main features of the UNIX and Linux systems is its wide collection of UNIX & Gnu tools provided as standard. Apart from its outstanding reliability, the real strength of either system is the elegance and ease with which these tools can be combined by using shell programming to perform far more sophisticated functions.

The standard UNIX shell, known as the Bourne shell, dates back to the original versions of UNIX. The shell offers an interpreted programming language which can be written, modified and debugged quickly.

The Shell Programming course starts with an overview of the Bourne, Korn, 'C', and Bash shells, and then proceeds on to the use of variables, decision making, looping, reading data and arithmetic functions.

Who should attend

Users who have attended the Unix Fundamentals course and have a need to generate shell scripts. It is strongly recommended that UNIX & Linux Systems Administrators attend this course as soon as possible.

Course Topics

- Shell basics overview
- Common tools
- Variables and command files
- Shell quoting
- Passing arguments to a shell program
- Making decisions
- Program looping
- Reading Data
- Environment variables
- Parameters
- Advanced tools
- Korn and Bash shell