

UNIX

SHELL SCRIPTING



CURRICULUM

» BASIC SHELL SCRIPTING

- Shell Basics
- Types of shells
- Shell functionality
- Environment
- Writing first script
- Writing script & executing basic script
- Debugging script
- Making interactive scripts
- Variables (default variables)
- Mathematical expressions
- Conditional statements
- If-else-elif
- Test command
- Logical operators-AND,OR,NOT
- Case –esac
- Loops
- While
- For
- Until
- Break & continue
- Command line arguments
- Positional parameters
- Set & shift
- IFS
- Functions & file manipulations
- Processing file line by line
- Functions
- Regular Expression & Filters
- What is regular expression
- Grep, cut,sort commands
- Grep patterns

» SED & AWK

» Processes

- Concept of process in Unix
- Background processes

» Advanced Shell Scripting

- Advanced Scripting Techniques
- Providing command line options to scripts
- Shell & subshells
- Exporting variables
- Arrays
- Remote shell execution
- Dialog boxes
- SQL with Shell
- Connecting to MySQL using shell
- Running SQL queries from a shell script
- Managing disk space/file system
- Startup-Shutdown scripts
- Backup-cpio-tar
- Monitoring , health check
- Test Framework Development
- Design and concept of test setup
- Sample Framework design and demo
- Small Project

Partners :



Java



development | consultancy | training

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