Unix & Shell Scripting - course curriculum

Description:

What you will learn in this Unix and Shell Scripting training course?

In this Unix training course by **Uplatz**, you will be introduced to the Unix Operating System, its various features, Unix commands, file systems and file handling, basic and advanced levels of Unix and Shell scripting techniques. You will get to know about the architecture of Unix, the control flow, commands execution and the Unix Server ecosystem. This unix and shell programming course encompasses basic to advance level of Unix & Shell Scripting. The training is user friendly and will emphasize on real-time programs aligned to industry demands.

At a high-level, this is an overview of the key learning from this course:

1. The basics of Unix and its advantages over other OS
2. Detailed understanding of the Unix Shell scripting
3. The various layers of the Unix architecture
4. Running and troubleshooting of the Unix Shell scripts
5. The Unix files, directories and user classes
6. Unix file attributes and changing file permissions.

7. Real world Unix shell programming projects

Benefits of learning Unix and Shell programming

After completing the course, you will be interview-ready in these areas:

1. Unix Infrastructure and architecture

2. Unix Development

3. Unix Application Support

4. Unix Testing

Additionally, this Unix course by Uplatz will be helpful for candidates who are working or willing to work in varied fields of technology like ETL Development/Testing, Big Data & Hadoop Development/Testing, Java Development/Testing, Unix SQL Production Support, and many more.

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- Introduction to Unix

- What is an Operating System

- Features and benefits of Unix

- Basic concepts of a Multi user system

- Multi Programming, Time Sharing, Multi Tasking

- Components of Unix

- Unix Utilities, Application Software

- Editors in Unix

- Processes and related commands

- Unix commands

- Filters and general purpose commands

- Introduction to Shell

- What is Shell scripting?

- Programming constructs

- Language constructs

- Programming the Shell – part 1

- Programming the Shell – part 2

- Miscellaneous

- Example scripts

Who this course is for:

- Developers/Testers/Analysts who want to accelerate their careers

- Analytics Managers who are subject matter experts and/or are leading a team of analysts

- Individual contributors in the field of Enterprise Business Intelligence

- Server & Storage Analysts - Unix

- Unix and Linux Engineers

- Unix Systems Administrators

- DevOps Engineers - Linux, Shell Scripting

- Shell Scripting Developers & Programmers

- IT & Technical Consultants

- Anyone aspiring to make a career in Unix and Shell Scripting field or associated areas