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Perl stands for Practical Extraction and Report Language. It is the stable, cross-platform programming language that is designed primarily for text processing. It runs on a various platform including Windows, UNIX and Mac OS. It works with XML, HTML and other markup languages. It supports both procedural and object-oriented programming language. Due to its text manipulation capabilities and quick development cycle, it is used as most popular web programming language. Moreover, this programming language can effectively handle encrypted web data including e-commerce transactions.

Perl Scripting Certification Training provides delegates with the knowledge and skills required to get a grip on fundamental concepts and terminologies of Perl such as scalar data, hashes, arrays and lists, subroutines and more. During the course, the delegates will learn how to design Perl applications, complex text analyser applications and automated applications. Highly qualified and experienced instructors will deliver the training.

Prerequisites

There are no prerequisites for this course, however, having basic knowledge regarding C programming language and Unix shell can be beneficial.

Course Objectives

Upon successful completion of the course, the delegates will be able to:

- Install and configure Perl successfully
- Effectively build Perl applications
- Work with strings, variable, operators, scalar data, loops, arrays, lists and many more
- Format output with the help of printf
- Implement character classes, split functions, simple characters, match modifier and other others in Perl applications

Perl Basics

- Installing Perl
- First Perl Program
- Perl Scalars
- Perl Operators

Control Structures

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- Booleans
- Shortform Ifs

Looping

- The For Loop
- The While Loop
- The Last and Next Statements
- Code Block Labels
- The Exit Statement
- Index and Rindex Functions
- The Printf Function

Lists and Arrays

- Perl Lists
- The Foreach Loop and Arrays
- The Pop and Push Operators
- Context
- Reordering Array Elements
- Converting Scalars and Arrays
- The Grep Function
- Hash Intersections

File and Directories

- Filehandles
- Reading Files
- The Die Statement
- Writing Data to a File
- Working With Multiple Files
- Binary Files
- File Tests
- File and Directory Manipulation

Functions (Subroutines)

- Subroutines
- Arguments
- Passing Arrays and Hashes as Arguments
- Subroutine Prototypes
- Scope
- Perl Debugger

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