Perl Programming

Duration: 3 Days   Course Code: PERL   Delivery Method: Company Event

Overview:

The Perl Programming course is designed to give delegates the knowledge to develop/maintain Perl scripts.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Programmers who need to write or maintain scripts in Perl.

Objectives:

■ Knowledge of Perl to write,maintain and understand Perl scripts.

Prerequisites:

Delegates attending this course should be able to define general programming concepts including compilation and execution,variables,arrays,sequence,selection and iteration,navigate the filesystem (on the command line ideally),edit and save text files and browse the web. This knowledge can be obtained by attendance on the pre-requisite Introduction to Programming course.

Follow-on-Courses:
■ Apache Web Server (APH)
■ Introduction to MySQL (MYSI)
■ Python Programming 1 (PYP1)
■ Ruby Programming (RUBYP)
■ PHP Programming (PHP)
■ PHP & MySQL for Web Development (PHPMWD)
■ PHP Programming & MySQL for Web Development (PHPPMWD)
■ Ruby on Rails (RUBYR)

Content:

Perl Programming Training Course   Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: INTRODUCTION TO PERL

- What is PERL and why PERL is useful
- Obtaining PERL

Session 2: PERL BASICS

- Using Perl
- Comments in a Perl Script
- Data Representation in Perl
- Numbers
- Strings
- Comparators
- Operators
- Using Standard Input
- Standard Output

Session 3: ARRAYS AND LISTS

- What is a List or Array?
- Assignment
- Accessing Array Elements
- The Push and Pop Functions
- The Shift and Unshift Functions
- Building an Array from

ISTDIN

P

Session 4: CONDITIONAL AND CONTROL STRUCTURES

- Control Structures
- Statement Blocks
- Conditional Statements
- If Keyword
- Unless Keyword
- Elsif Keyword
- Control Statements
- While Keyword
- Until Keyword
- Do Keyword
- For Statement
- Foreach Statement

Session 5: ASSOCIATIVE ARRAYS

- Associative (Hash) Arrays
- Keys Function
- Values Function
- Each Function
- Delete Function
- Exist Function
- Big Arrow   Perl Programming Training Course   Course Contents - DAY 2

Session 6: BASIC INPUT AND OUTPUT

- STDIN
- The Diamond Operator
- Print for Normal Output
- Printf for Formatted Output

Session 7: REGULAR EXPRESSION

- Regular Expression
- Multipliers
- Special Perl Variables in Pattern Matching
- Substitutions
- The Split and Join Functions
- Split Function
- Join Function
- Case Statement

Session 8: FUNCTIONS

- A User Defined Function (Subroutine)
- Calling a User Function
- Return Values
- Passing Arguments to Functions
- Private Variables in Functions
- Variables Using Local

Session 9: ADDITIONAL CONTROL STRUCTURES

- Additional Control Structures
- Last Statement
- Next Statement
- Redo Statement
- Labeled Blocks
- Expression Modifiers
- ;; and || as Control Structures   Perl Programming Training Course   Course Contents - DAY 3

Session 10: FILE HANDLING

- Filehandles and File Tests
- Opening and Closing a Filehandle
- Using Filehandles
- File Tests

Session 11: PERL DBI/DBD MODULES

- Perl DBI Module
- What is DBI
- Database Handles
- Statement Handles

Session 12: FILE AND DIRECTORY FUNCTIONS

- File and Directory Functions
- Changing Directories
- Current Directory
- Globbing
- Opening and Closing a Directory
- Reading a Directory Handle
- Removing a File
- Renaming a File
- Making and Removing Directories
- Modifying Permissions
- Modifying Ownership

Session 13: MODULES PACKAGES LIBRARIES PRAGMA ; PERLDOC

- Modules
- Package
- Library
- Pragma
- Perldoc

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK