SETC Training Corporate Logo

Web Development Training: Perl Scripting Essentials (PERLI, 4 jours)

Description

The course Perl Scripting Essentials (Web Development Training) is an introduction to the Perl programming language. The course provides an overview of the benefits of using Perl starting with the basics and moving to command structure, operators, scalars, flow control, sub-routines, collections and lists. Students get hands-on experience working with regular expressions as well as reading and modifying files using Perl scripts. A brief overview of database programming is also provided.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Introduction

- Perl Benefits and Drawbacks
- The Perl Environment
- The Perl Lifecycle
- The PERL Application Structure
- About Scope, Packages and Modules
- Running Perl Code
- Debugging Perl Code
- Accessing Documentation and Help

Basic Concepts

- Values and variables
- Context
- Operators
- Blocks
- Control constructs
- Subroutines
- Functions
- Variable scope

Operators

- Operators Versus Functions
- Operator Types and Categories
- Precedence and Associativity

Structure, flow and control

- Blocks and compound statements
- Program flow control
- Loops and looping
- Controlling loop execution

Working with scalars

- Value conversion and caching
- Perl Data Types
- Working with Numbers
- Working with Strings

- Text interpolation
- Regular Expressions
- About Globalization

Subroutines

- Declaring and Calling Subroutines
- Passing Parameters
- Returning Values from Subroutines

Collections and Lists

- The Need for Collections
- About Lists and Arrays
- About Hashes
- Choosing the Right Data Structure

Input and Output with File Handles

- File IO Overview
- About IO Operations and the Filehandles Data Type
- Manipulating Directories
- Opening a File
- Reading File Data
- Writing to a File
- Dealing with Complex Data Structures
- Performance Considerations

Introducing OO Programming with PERL

- What is an Object?
- Using Objects in Perl
- Creating Classes
- Creating Properties
- Creating Methods
- About Constructors
- About Destructors

Database Programming with PERL : Overview Only