

# Perl Introduction **(3 days)**

A solid grounding in the Perl language

## Relevant Platforms:

- Perl on Win32
- Perl on Unix
- Perl on Linux

## You will learn how to

- Understand the Perl environment
- Understand Perl syntax
- Create Perl scripts
- Understand weird Perl syntax and expressions
- Work with files using Perl
- Manage Processes from Perl
- Use simple Perl data structures
- Make decisions and control flow in Perl scripts

## Course Benefits

This Introduction to Perl starts with the basics of programming in Perl. It covers the very basics of Perl programming through to the beginnings of modular coding.

## Who Should Attend

This course is intended for delegates who limited or no experience of Perl. It is advantageous but not essential if delegates have some experience of programming in other languages.:

## Course Contents

### Language Basics

- Why use Perl
- The history of Perl
- Perl environment
- Perl help
- Simple scripts
- Script structure

### Variables

- Variable types in Perl
- Variable definitions
- Perl arrays
- Single values
- Interpolation

### Working with Arrays and Hashes

- How to manipulate arrays
- How to manipulate hashes
- Uses of arrays and hashes in Perl

### Expressions and Operators

- Perl numeric operators
- Operator precedence
- String operators in Perl
- Variable conversion

### Functions

- Perl built-in functions
- Number functions
- String functions
- Array functions
- Other functions

### Flow Control

- Perl loops
- Conditional loops
- Variable scope

### Input and Output

- Working with files in Perl
- Command line arguments
- Working with applications

### Basic Regular Expressions

- Understanding regular expressions
- Where to use regular expressions in Perl
- Simple pattern matching

### Subroutines

- Making readable code
- Reusable code
- Subroutines in Perl

### Report Formats

- Creating Perl reports
- Using Perl reports

## Practicals

The course work is based around a 50/50 split between lectures and practicals. Where possible the practicals use real world examples and useful code that can be integrated into new or existing projects after the course.

## The Trainers

All our trainers are practising Perl consultants with extensive experience with Perl programming on Windows, Unix and Linux in large commercial environments. They are ideally suited to bring you the highest quality of training.

## The Company

For further information about the training and our company see our web-site at [www.erion.co.uk](http://www.erion.co.uk)