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## Perl level 1 course content (5-day)

### **Course Description**

Perl (Practical extraction and reporting language) is a powerful scripting language. Useful for system administration, web programming and of course reporting. Perl is portable between Linux, UNIX and Windows. A basic to advanced training course on Perl fundamentals. Including running Perl on the command line regular expression use and even Perl objects.

### **Target Audience**

Web programmers, System Administrators, Database admins.

### **Pre-Requisites**

Must be a highly proficient computer user, with either a strong aptitude for programming, or some sort of programming experience.

## **Course Outline**

### **Introducing Perl**

- a brief history of Perl
- Perl philosophy
- writing a simple Perl script
- online Perl manuals
- useful Perl command line options

### **Basic Perl Syntax**

- data types
- operators
- some common functions
- control structures
- subroutines

### **Perl Regular Expressions**

- regular expression parsing
- tutorial on useful regular expressions

### **Complex Data structures**

- references
- multi-dimensional arrays and hashes