



Perl Programming

Target Audience:

System administrators who wish to expand their knowledge of scripting to include Perl. Web content developers wishing to use Perl for CGI programs. Developers of applications that involve UNIX system calls and text processing.

Prerequisites:

General programming experience. Shell scripting is helpful. Ability to use a text editor and to maneuver in the file system.

Format:

Lecture/Lab. Approximately 50% of the class time will involve programming exercises. These exercises involve the usage of the fundamentals of Perl and make use of numerous example Perl programs.

When a student completes this course, he or she will:

- Understand the applicability of Perl to given problems
- Be able to write Perl programs making use of a wide variety of Perl operators
- Be able to write Perl programs for a variety of uses in the context of CGI programs

Length of Course:

3 days

Hardware Needs:

Each student should work alone on a Linux workstation. A classroom network is beneficial.



Topics Covered

- 1. Regular expressions**
- 2. Data type**
- 3. Functions**
- 4. Control structures**
- 5. File handling**
- 6. Debugging**
- 7. Libraries**
- 8. The structure of the WWW**
- 9. The Perl CGI library**
- 10. Using Perl to create full CGI scripts**
- 11. Mechanics of CGI**