

Advanced Programming in Perl (code: PERL-ADV)

Overview

This training covers all the crucial Perl skills - from the very basics, like creating console applications via neurses and windowed application, up to the more advanced topics of object-oriented programming, managing large applications, debugging and profiling.

The list of topics discussed during the training resembles the standard 2-day trainingProgramming in Perl; however, during this training the topics are covered in more detail, due to the possibilities afforded by the longer training time.

Duration

3 days

Agenda

- 1. Your first Perl program: Hello World.
 - How to write Perl programs.
 - Running programs on Linux and Windows.
- 2. Windows installer for Perl programs.
- 3. Basic language syntax. Control statements.
- 4. Arrays, hashes. Context. Special variables.
- 5. Read from stdin, word processing, regular expressions, the flip-flop operator.
- 6. Functions, modules, references.
- 7. Object-oriented programming.
- 8. Debugging.
- 9. Profiling programs in Perl finding bottlenecks and improving speed.
- 10. Communicating with the outside world. Running other programs, reading files, sending signals, getting arguments.
- 11. Generating reports.
- 12. How to read documentation and use help.
- 13. Using CPAN modules.
- 14. Using object libraries.
- 15. Creating a simple console applications using the neurses library.
- 16. PerlQt creating GUI programs.

Target audience and prerequisites

We assume that participants know at least one object-oriented programming language and know the concepts of class, object, method and inheritance.

Certificates

Course participants receive completion certificates signed by ALX.

Locations

- Warsaw (English) Jasna 14/16A
- Online (English) your home, office or wherever you want
- any other location (London, UK, EU) on request

Price

Ask for details

Phone +44 203 608 6289 info@alx.academy



990 EUR

The price includes:

- course materials,
- snacks, coffee, tea and soft drinks,
- course completion certificate,
- one-time consultation with the instructor after course completion.

Ask for details

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