



Mastering OOP with PHP 5.3

Duration: 3 days - 21 hours

Price : 1 490€ / person

Code: PHP5C2

GOALS

In three days, you will learn the basics of the PHP object oriented programming in order to be able to create your own reusable code or to take PHP 5 frameworks like symfony and Zend Framework in your hands.

PRE-REQUISITES: Mastering PHP & knowing OOP concepts

PUBLIC: PHP Developers

FULL PROGRAM

INTRODUCTION TO OOP AND PHP 5

- Introduction to OOP concepts
- Advantages of the OOP
- Main principles and implementations
- Differences between PHP 4 and PHP 5
- What's new in PHP 5.3 ?

OBJECT ORIENTED PROGRAMMING

- Classes
- Objects
- Properties
- Methods
- Constructor
- Destructor
- Visibility (public, private and protected)
- Pass objects by reference
- Simple class inheritance
- Type hinting

ADVANCED PROGRAMMING

- Abstract classes and methods
- Final classes and methods
- Magic methods
- Overriding and overloading methods
- Exceptions
- Interfaces
- Static properties and methods
- Class autoloading
- Object cloning
- Virtual methods calls

- Object serialization and unserialization
- Namespaces

PHP STANDARD LIBRARY (SPL)

- Introduction to the SPL
- Extra exceptions types
- Iterator interface
- Countable interface
- ArrayAccess interface
- Data structures
- Files manipulation

PHP'S OBJECT APIS

- Database manipulation with PDO
- Reading XML files with SimpleXML
- XML files generation with DOMDocument
- Datetime formatting with DateTime

BEST PRACTICES

- Document the code with PHPDoc and annotations
- Introduction to dependency injection principle
- Automated unit testing