

Quick Start: PHP for OO/Procedural Programmers (EXP)

Days of Training: 3

Overview

The Zend Quick Start: PHP for OO/Procedural Programmers course is designed to quickly build an experienced programmer's understanding of the PHP language. This course covers many of the same topics as both the PHP I: Foundations and PHP II: Higher Structures of PHP classes but at an accelerated rate with special emphasis on the differences between PHP and other commonly used languages. As with the other classes, it utilizes a hands-on approach with numerous examples and practical exercises, primarily related to the course project, to enhance learning. You will also have the opportunity to use the Zend Studio IDE (Integrated Development Environment) to continue honing your coding skills utilizing best practices and effective tools.

Audience

This course is designed for experienced developers (2+ years) of other languages - Procedural & OO, such as C, Java, C++, C#, JavaScript, Python, Perl, Ruby - who want to transfer their skills to PHP and need to quickly learn the PHP-specific version of common features, such as syntax and language constructs. For ILE programmers without experience in these other programming families, we recommend taking the PHP I: Foundations (IBMi Programmers) & PHP II: Higher Structures courses.

Pre-requisite(s)

Experience developing applications, 2+ years

Price

SG\$2,400 before GST

Objectives

Upon completion of this course, participants should be able to:

- Apply their existing programming skills to the PHP language
- Define and utilize the components of PHP syntax, language, and structure
- Set up a development environment using php.ini
- Apply fundamental concepts around web application design and implementation to PHP, including Forms and Form validation, other security aspects, sessions/ cookies / buffers

Topics Include

PHP Syntax Essentials: Data types, Syntax, Quotes, Comments, Constants, Variables, Strings, Arrays, Operators, Conditionals, Loops, Functions

PHP Language: Scope, Globals, Files, Advanced Variable Usage / Array Manipulation and References, Callback Functions, Dynamic Function Invocation, Recursive Transversals, and Variable Variables

Configuring PHP: PHP.INI configuration considerations

Regular Expressions: Using Perl-Compatible Regular Expressions in PHP applications

PHP and OOP Concepts: Principles of Object-Oriented Programming and Design, Access Modifiers, Abstract Classes, Interfaces, Namespaces, and more

PHP Web Essentials: Sessions & Cookies, Working with Forms & Form Validation, Email, HTTP Headers, Buffers

PHP Database Essentials: Introduction to Manipulating DB Contents using PHP

Building Applications: Debugging, Security and Validation

PHP Application Essentials: Best Approaches to Creating Applications; Course Project

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