



# Delphi for PHP Essentials

Technical Training

## Accelerate Your Development

**Course #:** HDP07E10

**Price:** Please contact your regional Borland office for institutional pricing.

**Format:** 2 days - 16 hours,  
50% discussion / 50% hands-on activity

### Delivery Options

Face –to-face instructor led and on-line instructor led

### Audience

Programmers / developers who are, or will be, using Delphi for PHP, or the PHP language, to develop web applications.

### Prerequisites

Working knowledge of the Windows® operating systems. Basic experience in Windows® programming. Basic experience in using a visual IDE helpful, but not required.

### Enroll Today

<http://learn.codegear.com/Delphi>

Explore all CodeGear learning offerings: <http://learn.codegear.com>

The Delphi for PHP IDE adapts Delphi's proven visual (RAD) framework for PHP web application development. Delphi for PHP includes project management, 2-way code editing, debugging, and 50+ visual components for developing user interactive and data aware web applications.

This course, Delphi for PHP Essentials, is a 2-day course for web application developers who desire a quick, intensive, introduction to the Delphi for PHP IDE and the PHP language.

### Description

The full two day Delphi for PHP Essentials course is for web application developers who are new to using Delphi for PHP and the PHP language. The goal of this course is to introduce you to developing user-interactive, data-aware web applications using Delphi for PHP and the PHP language.

Concepts covered include an overview of the IDE, applying IDE features to designing and developing applications and the essentials of the PHP language.

Experienced instructors deliver this course via live classroom settings or on-line conferencing. In both cases, extensive hands-on exercises are included. Exercises build on one another and culminate in a web commerce application.

### Course Concepts

---

#### PHP Language Essentials (day1)

##### Introduction

- Web Application Development
- Web Structure and Environment
- How PHP Works
- PHP Tags
- Statements and Whitespace
- Comments
- Functions

##### PHP Variables

- Types
- Names(Identifiers)
- Type Strength
- Variable Scope
- Superglobals
- Constants
- Manipulation

##### PHP Structure

- Operators
- Dynamic Pages
- Passing Values by URL
- If Conditions
- Loops

##### PHP Arrays

- Enumerated Arrays
- Associative Arrays
- Two-Dimensional Arrays
- Manipulation Functions

##### HTML Forms

- Structure of Work
- Form Variable

*Concepts continued on back.*

## **Concepts Continued.**

### **PHP Strings**

- Formatting
- Concatenation
- Manipulation Functions

### **PHP Functions**

- Defining and Calling Functions
- Default Values
- Variable Scope
- By Reference versus By Value

### **DELPHI FOR PHP IDE (day2)**

#### **Introduction to Web Application Development**

- Business Rules vs. Business Logics
- What is User Interface?

#### **Basic Interface Elements**

- VCL Architecture
- Components
- Developing the User Interface

#### **Visual Form Designer and Code Editor**

- Visual Form Designer
- Creating Interfaces
- Code Editor
- Two-way Tool

#### **Debugger**

- Controlling Program Execution
- Analyzing Data at Runtime

#### **Database Development**

- Database Applications Overview
- Database Architecture
- Database Access Technologies

#### **Deploying Web Applications**

- Application files
- Database Applications

Actual course content may vary and is subject to modification without notice.