

Updated on 16/05/2023

Sign up

CodeIgniter training

3 days (21 hours)

Presentation

CodeIgniter is a free PHP framework with a relatively small footprint. It's a framework that respects the MVC pattern, like Zend or Symfony, for example. This framework has the advantage of being lightweight, modular and easy to access. CodeIgniter lets you organize the code produced by a team of developers quickly and easily, to speed up development.

In this training, as in all our training courses, we'll be using the latest stable version ([CodeIgniter 3.1](#)).

Objectives

- Discover CodeIgniter and understand the framework's guiding principles
- Building a website
- Adopt best practices from the outset to secure your application
- Extend CodeIgniter

Target audience

- Developers
- Architects

Prerequisites

Basic knowledge of PHP

CodeIgniter training program

Introduction

- Framework overview
- MVC presentation

Setting up Codeigniter

- Installation
- Codeigniter tree structure
- Helpers, libraries and templates

Setting up a project

- Application entry point
- Controller operation
- Routing
- Display a view

Setting up a form

- The view
- The controller
- Form validation
- Callback

Connect to one or more databases (MySQL)

- Configuration
- The models
- Codeigniter QueryBuilder
- Protecting against SQL injections

Libraries and various helpers

- Helper URL
- Library: Session management
- External library: Template management
- Library: Sending e-mails
- Library: Upload files
- Library Guide: Encryption
- Library: Server-side cache

Extend Codeigniter

- Overloading native components

- Hooks
- Advanced routing

Companies concerned

This course is aimed at companies, large or small, wishing to train their teams in a new, advanced computer technology.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.