



Phalcon MVC

Introduction and Installation

- What is PhalconPHP?
- Windows Installation

Basic Start

1. Create Application Structure
2. Create the Bootstrap
3. Bootstrap
4. Understand Controllers
5. Integrating Views

SQL, Models, and the ORM

- Create a Database Schema
- Update the Bootstrap for Database Usage
- Model Setup & Create, Update, & Selecting Data.
- Models: Deleting Data
- Models Events
- Table/Model Relationships
- Model Saving Related Records

Flexible Features

- (Optional) Install APC (WAMP) - For caching MetaData
- Caching Models MetaData
- Using Sessions
- Request Environment (GET/POST)
- Custom Routing

Assets & Volt Templating

- Using the Assets Manager & Setting up a BaseController
- Enable the Volt Template Engine
- Volt Template Syntax

Build an App by Example (Part 1) [Level: Difficult]

- Application Overhaul
- ACL Setup (Part 1)
- ACL Setup (Part 2)
- Flashing Messages & Cleaning up the Namespaces

Building our App (Part 2)

- Create a Login Area tied into the ACL (Part 1)
- Create a Login Area tied into the ACL (Part 2)
- Securing Passwords and CSRF
- Setup Registration

Advanced Topics

- Using the Configuration Object
- Custom Components
- Using Composer in Phalcon
- Phalcon Development Tools & Building a Project "Jumble"
- Phalcon Vagrant Setup (Any OS)
- Point Apache and Generate a Project
- Database & Migrations
- Scaffolding based on a DB Table

HighCharts

Chart and Series Types

- Line, Scatter, and Bubble Charts
- Area Charts and Area Spline Charts
- Bar and Column Charts
- Pie Charts

Working with Data

- Working with Different Data Formats
- Drilling Down and Filtering Data

- Using CSV, XML, or JSON
- Working with Date Formats
- Getting Data from a Database
- Getting Data Across Domains (JSONP)

Build REST-full web services to connect to different DB platforms.