CBOX-202 WireBox Dependency Injection

Course Overview

CBOX-202 is one of our advanced courses that centers on WireBox, our dependency injection framework. In this course you will learn all about dependency injection, inversion of control principles, object de-coupling, compositions, and object messaging, mocking and testing with WireBox. Our focus is in learning what problems dependency injection solves and how to apply it with WireBox.

Objectives

This course will challenge you on how to design sustainable and extensible object models by leveraging dependency injection. This course will enhance your application toolbox and architectural skills.

- Thorough understanding of dependency injection, inversion of control, and associated design patterns

- How to apply DI patterns to our objects and leverage WireBox correctly

- Learn about the different injection styles DI offers

- Learn how to decouple and make your objects more testable

- Understand key development best practices that will enable you to develop higher quality code

Target Audience

This training is designed for developers who want a better grasp on more advanced OO approaches to object development and design. Even though WireBox is part of the ColdBox Platform, it can be used on any other ColdFusion framework or ColdFusion application.

Enrollment and Onsite Training

- Onsite training available for companies that want all the extra benefits of instructor led training privately and tailored to their needs. Contact training@ortussolutions.com.

Requirements

Below is a listing of course requirements:

- Laptop or Personal Computer
- Adobe CFBuilder or CFEclipse
- MXUnit Installed
- Intermediate CFC Knowledge
- Intermediate ColdFusion Knowledge
- Some OO experience is desirable

Course Prerequisites

No previous courses are required for this course. However, intermediate to advanced ColdFusion and OO knowledge is desired.

Excellence Guarantee

ColdBox core developers and experts in application development using the ColdBox Platform conduct all training sessions. Get your technology edge and sharpen your ColdFusion skills!

Course Outline

Below is the complete outline for this course. The delivery of this course includes multiple workshops and exercises that will be during and after each section.

Unit 1
- **Course Introduction**
- **WireBox Introduction**
- **Dependency Injection & Inversion of Control**

Unit 2
- **WireBox Injector**
- **WireBox Dependency Injection**
- **Annotations and Conventions**

Unit 3
- **WireBox Binder Configuration**
- **Implicit Configurations**
- **Mapping DSL**

Unit 4
- **WireBox Providers**
- **WireBox Event Model**
- **Custom DSL**
- **Custom Scopes**

Unit 5
- **Tools**
- **Free Workshops**

For More Information

More information about ColdBox, training, and services is available at www.ortussolutions.com.

Ortus Solutions is the company behind ColdBox and CodexWiki which provides world-class enterprise support, architecture & design, consulting services and expert training for all of our products, services and CFML. We are at our core, developers that know the value of time and money. We have seen first hand how our products and services can save you time and money.

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