CBOX-205 BDD & TDD CFML Development

Course Overview

CBOX-205 is one of our core courses that focus on testing principles, TDD (Test Driven Development), BDD (Behavior Driven Development), mocking and automation. In this 1 or 2 day course you will be exposed to testing theory, types of tests, working with TestBox, application testing, automation, tools of the trade and finally learn about Mocking and Stub objects. You will have both theory and hands on workshops that will sharpen your skills and challenge you.

Objectives

This course will enhance your application toolbox and development skills.

- Understand the theory and principles behind software testing
- Understand all types of testing and know when to apply them
- Review tools of the trade
- Implement TDD, BDD and CI (Continuous Integration)
- Everything you wanted to know about the TestBox Framework
- Understand Mocking/Stubbing and its applications via MockBox
- Apply testing to your ColdBox Applications (Optional)

Target Audience

This training is designed for developers who are already familiar with some OO concepts and would like to now implement testing and automation to their development. This course mostly focuses on behavior driven development (BDD) applied via TestBox.

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
- CFML IDE
- TestBox (Provided)
- Intermediate CFC & ColdFusion Knowledge
- Intermediate OO experience is desirable

Course Prerequisites

Some OO experience is desirable.

Excellence Guarantee

TestBox-ColdBox core developers and experts in application development using these tools conduct all training sessions. Get your technology edge and sharpen your Testing 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**
- **Testing Foundations**
- **Test Driven Development**
- **Behavior Driven Development**

Unit 2
- **Intro to TestBox**
- **xUnit Testing**
- **BDD Testing**
- **Advanced Topics & Automation**

Unit 3
- **Mocking Principles**
- **MockBox**

Unit 4 (Optional)
- **ColdBox Object Testing**
- **ColdBox Integration Testing**

For More Information

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

Ortus Solutions is the company behind ColdBox, CommandBox, ContentBox and many more, 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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