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# CBOX-IOI

## Core ColdBox

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### Course Overview

Core ColdBox is our 2-day flagship intensive training course that will get you started with ColdBox even if you have no previous OO experience. The course is constructed in such a manner that both gurus and novices can take advantage of our materials.

### Objectives

The Core ColdBox course not only focuses on explaining what ColdBox is and its bounty of features, but also on fundamental web application architectural concepts. It is important to know how to use certain parts of the platform, but it is even more important to know when to use them. This course will enhance your application toolbox and architectural skills.

- Solid understanding of the MVC design pattern as applied to ColdFusion web development
- A solid understanding on enterprise web application architecture
- A thorough understanding of how to build sustainable MVC applications using the ColdBox Platform
- Advanced knowledge on ColdBox plugins, Interceptors, Unit/Integration Testing, URL Mappings, and Dependency Injection
- 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 complete understanding of the ColdBox Platform. No previous ColdBox or OO experience is required.

### 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](mailto:training@ortussolutions.com).



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### Requirements

Below is a listing of course requirements:

- Laptop or Personal Computer
- Adobe CFBuilder or CFEclipse
- MXUnit Installed
- Basic CFC Knowledge
- Intermediate ColdFusion Knowledge
- Basic understanding of web applications
- Basic Knowledge of CSS, HTML, JavaScript, Ajax

### Course Prerequisites

There are no prerequisites in taking this course, but students should feel very familiar and comfortable with ColdFusion and ColdFusion Components (CFC). No previous ColdBox or OO knowledge is needed.

### 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!

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## 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
- ColdFusion Components
- Effective Web Application Architecture
- ColdBox Platform Introduction

### Unit 2

- ColdBox Installation
- Reference & Development Tool Installations

### Unit 3

- The ColdBox Configuration File
- The Request Context Object

### Unit 4

- Framework Super Type
- Event Handlers
- Pretty URLs SES Routing
- ColdBox Layout Manager

### Unit 5

- WireBox Dependency Injection
- Model Integration

### Unit 6

- ColdBox Interceptors
- Testing ColdBox Apps

## For More Information

More information about ColdBox, training, and services is available at [www.ortussolutions.com](http://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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