



Computer Consultants Corporation

ColdFusion MX

Comprehensive Introduction

Length of course: 2 class days (12 hours)

Objective(s): This course provides experienced Web developers with the knowledge and hands-on practice they need to begin building dynamic and interactive Web applications using ColdFusion.

Prerequisites: Good working knowledge of HTML and of at least one commercial database product (SQL Server, Oracle, Access, etc)

Introduction

- How ColdFusion Works
- CFML

Working with Variables and Expressions

- Understanding Variables and Expressions
- Variables and Type
- Variable Prefixes
- Using Local Variables
- Functions
- Strings

Conditional Processing

- What is Conditional Processing
- Performing Conditional Processing
- <CFIF>
- <CFSWITCH>
- Conditional Statements
- <CFPARAM> and IsDefined()

Looping

- What is Looping?
- Using <CFLOOP> with <CFOUTPUT>
- Nested Loops

Redirects and Reuse

- Redirects
- Reuse

The Application Framework

- Application.cfm
- OnRequestEnd.cfm
- Multiple Application.cfm Files

Form Variables

- What is a FORM Variable?
- How are FORM Variables Created?
- Building Database-Driven Form Elements
- Automatic Server-Side Validation
- Client-Side Validation

Using Databases

- How to Connect to Databases
- Connecting to the Database
- The SELECT Statement
- Displaying Data
- <CFTABLE>
- Grouping Data with <CFOUTPUT>
- Querying Queries

More SQL

- Database Basics
- The INSERT Statement
- The UPDATE Statement
- The DELETE Statement

URL Variables

- What is a URL Variable?
- How are URL Variables Created?
- What is the Scope of a URL Variable?
- Using URL Variables

Application and Server Variables

- Understanding APPLICATION and SERVER Variables
- APPLICATION Variable Scope
- Creating APPLICATION Variables
- Creating SERVER Variables

Session State Management

- What is Session State Management?
- Cookies
- SESSION Variables
- CLIENT Variables
- Which Variables Should I Use?

Lists

- Understanding Lists
- Working with Lists
- Using Lists