

Adobe Cold Fusion

Course Summary

Description

In this course, Web Designers and Developers will acquire the knowledge and hands-on practice/experience to begin building and maintaining dynamic and interactive Web Applications using Adobe's ColdFusion. Cold Fusion was designed for JAVA Developers to rapidly build a JAVA EE-based Web Application, as well as Mobile App Developers who can use Cold Fusion to easily and quickly develop, test, debug and deploy apps across multiple devices with far less effort. Cold Fusion has many productivity enhancement features and incorporates an intuitive scripting and tag-based language that has been an undeniable asset for furthering innovation.

Topics

- Getting Started with ColdFusion
- Building Forms with ColdFusion
- Building Search Interfaces
- Building a Drill-Down Interface
- Inserting New Data
- Updating Data
- Reusing Templates
- Securing an Application

Prerequisite

- A familiarity with web terminology and web characteristics.
- Some experience with the HTML tag set and syntax.
- JavaScript fundamentals
- A Familiarity with the SQL command set.

Duration

Four Days

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Course Outline

- I. **Getting Started with ColdFusion**
 - A. Understanding Dynamic Web Pages
 - B. Introducing ColdFusion
 - C. Creating ColdFusion Variables
 - D. Displaying Variable Values
 - E. Including Files
 - F. Commenting Code
 - G. Implementing Best Practices
- II. **Building Forms with ColdFusion**
 - A. Understanding HTML Forms and Form Controls
 - B. Enabling Debug Output
 - C. Self-Posting Forms
 - D. Determining form Submission with IsDefined
 - E. Evaluating form Variables with cfparam
 - F. Introducing ColdFusion Forms
- III. **Building Search Interfaces**
 - A. Using Form Data in Dynamic Queries
 - B. Preserving Form Data
 - C. Creating Dynamic SQL for Multiple Search Criteria
 - D. Using Text Searches
 - E. Using List Searches
 - F. Implementing Best Practices
- IV. **Building a Drill-Down Interface**
 - A. Using Dynamic URL Parameters
 - B. Creating a Query String
 - C. Creating a Data Drill-down
 - D. Creating on-the-fly PDF Documents
 - E. Displaying Data in a Tabbed Interface
 - F. Implementing Best Practices
- V. **Inserting New Data**
 - A. Building an Insert Interface
 - B. Building an Insert FORM Page
 - C. Using ColdFusion Validation
 - D. Using Client-side Validation
 - E. Using Server-side Validation
 - F. Creating Custom Validation
 - G. Building Insert ACTION Logic
- VI. **Updating Data**
 - A. Building an Update FORM Page
 - B. Providing the Primary Key for Update
 - C. Building Update Logic
 - D. Deleting Records from the Database
- VII. **Reusing Templates**
 - A. Reusing Code
 - B. Using Custom Tags
 - C. Using User-defined Functions
 - D. Finding UDFs
 - E. ColdFusion Components
 - F. Finding CFCs
- VIII. **Securing an Application**
 - A. Addressing the Web's Statelessness
 - B. Using the Application Framework
 - C. Using Application Events
 - D. Using Application Variables
 - E. Using Session Variables