



Fast Track to ColdFusion 9

Fast Track to ColdFusion is a three-day, hands-on course that teaches you how to create dynamic, database-driven web applications. You will build a web application utilizing ColdFusion best practices while learning the importance of usability, optimization, and performance for a ColdFusion application developed within ColdFusion Builder.

Target Student: This course is designed primarily for web designers who want to build and maintain dynamic and interactive web applications using ColdFusion and ColdFusion Builder.

Prerequisites: To ensure your success, you must have a basic understanding of your computer's operating system as well as a fundamental understanding of the web and static html.

Delivery Method: Instructor-led, classroom-delivery learning model with structured hands-on activities.

Benefits: After completing this course, students will be able to publish database content, build and work with forms and a variety of interfaces, and update databases. In addition students will be able to authenticate users as well as secure access to pages.

What's Next:

Flash Rich Content Creation Add animation and user interaction to your website with graphics, text and sound effects.

Flash ActionScript teaches fundamental programming techniques, by introducing core concepts including instance names, variables, functions, properties, and methods; then proceeds through conditions, loops, event handling, and animating with ActionScript.

Dreamweaver Website Development Build a website that includes text, graphics, style sheets, tables, links, rollovers, navigation bars and forms.

Dreamweaver Dynamic Application Development Create dynamic websites that interact with users and data, and increase productivity using new coding features.

Performance-Based Objectives

Upon successful completion of this course, you will be able to:

- Set up and manage the ColdFusion development environment.
- Set up a ColdFusion Builder Site.
- Use the ColdFusion Markup Language (CFML).
- Connect to a database and display database data using CFML.
- Build queries that retrieve data from a database and display it on web pages.
- Become familiar with the ColdFusion Administrator.
- Use a ColdFusion Component.
- Create ColdFusion and HTML forms.
- Process form submissions.
- Build dynamic SQL statements.
- Perform client-side and server-side validation.
- Build a data drill-down interface.
- Create insert and update interfaces.
- Authenticate users and secure access to pages.
- Create conditional processing and looping using CFML.





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Introducing ColdFusion

Understanding ColdFusion
ColdFusion Explained
Powered by ColdFusion

Accessing the ColdFusion Administrator

Logging Into (and Out of) the ColdFusion Administrator
Using the ColdFusion Administrator

Introducing ColdFusion Builder

The Relationship Between ColdFusion Builder and
Eclipse
Getting Started with ColdFusion Builder

Previewing ColdFusion

Preparing to Learn ColdFusion
Your First ColdFusion Application
A More Complete Example

Introducing SQL

Understanding Data Sources
Preparing to Write SQL Queries
Creating Queries
Sorting Query Results
Filtering Data

SQL Data Manipulation

Adding Data
Modifying Data
Deleting Data

The Basics of CFML

Working with Templates
Using Functions
Using Variables
Working with Expressions
Using ColdFusion Data Types
Commenting Your Code

Programming with CFML

Working with Conditional Processing
If Statements
Using Looping
Reusing Code
Revisiting Variables

Creating Data-Driven Pages

Accessing Databases
Displaying Database Query Results
Using Result Variables
Grouping Result Output
Using Data Drill-Down
Securing Dynamic SQL Statements
Debugging Dynamic Database Queries

The Basics of Structured Development

Understanding Structured Development
Introducing ColdFusion Components
More On Using ColdFusion Components

ColdFusion Forms

Using Forms
Creating Forms
Processing Form Submissions
Creating Dynamic SQL Statements
Building Truly Dynamic Statements
Creating Dynamic Search Screens

Form Data Validation

Understanding Form Validation
Using Server-Side Validation
Using Client-Side Validation
Putting It All Together

Using Forms to Add or Change Data

Adding Data with ColdFusion
Introducing <cfinsert>
Updating Data with ColdFusion
Introducing <cfupdate>
Deleting Data with ColdFusion
Reusing Forms
Creating a Complete Application