

Advanced ColdFusion 10 Development

1. Introduction to Components

1. Creating ColdFusion Components (CFC)
2. CFC Syntax
3. Invoking Static CFC Methods
4. Using the Application Framework
5. Configuring Application Settings
6. Handling Application Events
7. Handling Request Events
8. Locking Shared Scope Variables
9. Handling Session Events

2. Manipulating Lists and Queries

1. Using Lists
2. The Query Object
3. Summarizing Group Data
4. Transaction Processing
5. Querying a Query

3. Manipulating Data and Arrays with Structures

1. Using Arrays
2. Using Structures
3. Using Built-In ColdFusion Data Structures
4. Dynamically Evaluating Variables
5. Combining Data Structures
6. Accessing Data by Value or Reference

4. Advanced Component Concepts

1. Instance-Based Components
2. Creating Dynamic Getter/Setter Proxies with onMissingMethod
3. Using Built-In Components
4. Prototyping Components with cfinterface

5. Handling Errors and Exceptions

1. Error Handling
2. Customizing Application Error Messages

3. Application-Wide Error Handling
4. Handling Exceptions with Try/Catch
5. Exception Handling Frameworks

6. Code and Content Reuse

1. Creating Custom Tags
2. Using Custom Tag Attributes
3. Setting Results on the Calling Page
4. Calling Custom Tags
5. Creating CFML Simple Nested Custom Tags
6. .NET Integration with ColdFusion 10
7. Creating Web Services
8. Calling Web Services

7. Working with PDF Files and Forms

1. Generate PDF Files from ColdFusion
2. Manipulating PDF Files with cfpdf
3. Pre-filling PDF Forms
4. Posting Data from a PDF Form to ColdFusion

8. Data and File Manipulation in ColdFusion 10

1. Manipulating Image Data with cfimage
2. Reading and Storing Image Data
3. Image Processing
4. Creating RSS Feeds
5. Consuming RSS with CFFEED

9. Scaling Applications

1. Scalability Bottlenecks
2. Caching Recordsets
3. Caching Generated Results with cf_accelerate
4. Caching Entire Page Results
5. Using Asynchronous Process to Improve Performance