



AIR 2.0: Building Beyond the Browser

with Adobe Flex 4

Duration: 3 Days | 24 Hrs.

This training course provides a comprehensive introduction to the Adobe Integration Runtime 2.0 for Adobe Flex 4 developers. It consists of 29 hands-on exercises with supporting content and files, and a comprehensive 8 part independent lab exercise.

Audience :

Software developers who have taken the Adobe Flex 4: Developing Rich Internet Applications training course, or who have a similar range of experience developing with Adobe Flex 4 & Experience with XML and SQL



Course Outline

Introducing the Course

- Introducing Mastery Learning
- Understanding the course format
- Reviewing the course prerequisites
- Reviewing the course outline

Unit 1: Introducing Adobe Integrated Runtime (AIR)

- Exploring the AIR development toolset
- Reviewing the Adobe AIR tools for Flash Builder 4

Unit 2: Getting started with AIR

- Creating your first AIR application
- Packaging and deploying applications
- Understanding AIR fundamentals
- Getting help and other resources

Unit 3: Using the file system

- Using the File class
- Enabling visual file system interaction
- Removing files from the file system
- Launching files in their default application

Unit 4: Advanced file system techniques

- Using file streams
- Working with binary data
- Working with mass storage devices



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Unit 5: Using the clipboard

- Moving data with copy and paste
- Using drag and drop

Unit 6: Persisting application data

- Using an embedded SQL database
- Storing and loading complex data
- Using SQL statements

Unit 7: Creating native windows

- Creating windows
- Modifying the window display
- Manipulating windows

Unit 8: Connecting applications

- Launching and interacting with native operating system processes
- Connecting to web applications using URL Requests over HTTP
- Communicating between applications
- Displaying HTML content
- Detecting network availability

Unit 9: Understanding AIR security

- Considering AIR security
- Understanding AIR application updating
- Using encrypted data storage
- Encrypting local database files

Unit 10: Customizing Deployment

- Setting the application's desktop icon
- Setting system tray icon



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