

Course Description

This course is intended for developers who wish to develop Rich Internet Applications using Flex 3. With the introduction of Flex 3, Adobe has provided developers with powerful and integrated tools for developing applications that can run inside a browser in the Flex virtual machine. Developers can create visually stunning sites with worrying about cross-browser compatibility issues.

The ideal candidate for this class is a server developer (such as a Java programmer) who wishes to start developing more sophisticated Web 2.0 applications. This class is also ideal for managers and architects who wish to understand the overall architecture of Flex applications.

The course requires knowledge of web application development and object oriented programming.

The course targets the Flex 3 version.

Software:

- Flex 3
- Eclipse Europa IDE
- JDK 6
- Apache Tomcat
- MySQL 5.0

Course Outline

1. Introducing Adobe Flex
 - a. Rich Internet Applications
 - b. Flex Product Line
 - c. Overall Flex Architecture
2. Flex IDE
 - a. Eclipse and Flex Builder
 - b. Creating a New Project
3. Component Model
 - a. Laying Out an Application
4. MXLM
 - a. Using MXLM
 - b. MXLM Syntax
 - c. Adding HTML to MXLM
5. Controls
 - a. Layout Controls
 - b. Form Controls
 - c. Other Controls
 - d. Events
6. Active Script
 - a. Basic Syntax
 - b. Creating Classes and Objects
 - c. Associating with Controls
7. Working with the Server
 - a. Data Services
 - b. Retrieving XML Data
 - c. RESTful Applications