

Indus IT Training

Course: **FLEX 3 and AIR Training Course Curriculum**

Duration: **Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm**

Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

XML Basics

- **Introduction to XML structure**
- **XML tree relationships**

HTML Basics

- ✓ **HTML Controls**
- ✓ **Cascading Style Sheets**

Javascript Basics

- ❖ **Introduction to scripting programming**
- ❖ **Javascript language constructs and syntax**
- ❖ **HTML DOM**
- ❖ **Javascript Object Notation (JSON)**

ActionScript 3

- ✚ **Getting started**
- ✚ **OOPS in ActionScript 3.0**
- ✚ **Language constructs and syntax**
- ✚ **XML and E4X**
- ✚ **Arrays and ArrayList**
- ✚ **Events**

Flex 3

- ❖ **Getting Started – Hello to RIA (Rich Internet Applications)**
- ❖ **Introduction to MXML**
- ❖ **ActionScript in Flex**

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- ❖ **Using Flexbuilder and Eclipse with FlexBuilder plugin**
- ❖ **Display controls**
- ❖ **Event Handling**
- ❖ **Creating Custom Controls**
- ❖ **Databinding and List based controls**
- ❖ **Application Layout - Container Controls, Constraints**
- ❖ **Application Navigation - Navigator Controls**
- ❖ **Formatting data**
- ❖ **Validations**
- ❖ **Creating popup windows**
- ❖ **Fething data using Remote Procedure calls**

HTTPService

RemoteObject

WebService

- ✓ **XML handling with E4X**
- ✓ **Styles and Visual effects**
- ✓ **Embedding Images and Fonts**
- ✓ **Using ViewStates and Transitions**
- ✓ **Deploying Flex applications**
- ✓ **Flex Modules**
- ✓ **Runtime Shared libraries**
- ✓ **Using Local Database using SQLite**

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AIR (Adobe Integrated Runtime)

- **Introduction to Widows programming**
- **Flex and AIR**
- **File handling**
- **Using Local Database using SQLite**
- **Deploying AIR applications**
- **Installing and Updating AIR Applications**

Finale

- ❖ **Preparation guidelines for certification - Adobe Certified Expert in Flex 3 and AIR**