

# Flex 3 : Integrating Flex with LiveCycle ES

## Description

*Integrating Flex with LiveCycle ES* provides developers the skills needed to customize the Workspace theme and localize the Workspace, how to invoke LiveCycle ES processes and services from a Flex application.

## Course length

One day

## Audience

This course is for anyone with a programming background. To gain the most from this course, you should:

- Be familiar with programming concepts, processes and constructs
- Have a basic understanding of XML terminology and structure
- Be familiar with building forms using Adobe LCES Designer
- Understand how to build and deploy processes using Adobe LiveCycle Workbench
- Have experience developing and debugging Flex applications using Flex Builder

## Course Outline

### Unit 1

- Customizing the LiveCycle Workspace ES User Interface
- Customizing the Workspace theme
- Localizing Workspace ES

### Unit 2

- Creating a Flex Form for Data Capture
- Flex applications for data capture
- Enabling a Flex application for Workspace
- Using a Flex form as part of a LiveCycle process

### Unit 3

- Invoking an LCES Process from a Flex Application
- Invoking LCES processes from a Flex application
- Creating a Flex Builder project to work with LCES
- Creating the RemoteObject instance
- Invoking the LCES process

### Unit 4

- Invoking LCES Services from a Flex Application
- Adding Resources to the LiveCycle Repository
- Preparing forms for use in LiveCycle applications
- Understanding the PDF Generator service
- Accessing LCES services from a Flex application
- Creating a Flex Builder project to work with LCES
- Browsing for a file to upload
- Uploading a file
- Creating the RemoteObject instance
- Invoking PDF Generator service using LiveCycle Remoting
- Displaying a document from a URL
- Invoking the Reader Extensions service from a Flex application