

LiveCycle ES : Building Applications

Description

Adobe LiveCycle ES: Building Applications provides developers the skills needed to utilize solution components in building LiveCycle ES applications. The course gives developers hands on experience in creating, deploying, testing and administering processes.

Course length

Four days

Audience

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

- Be familiar with basic programming concepts, processes and constructs •Have a basic understanding of XML terminology and structure
- Be familiar with building forms using Adobe LiveCycle Designer or the Workbench

Course Outline

Unit 1 : Introducing the Course

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

Unit 2 : Introducing Adobe LiveCycle ES (Enterprise Suite)

- Understanding LiveCycle ES
- LiveCycle ES architecture
- Getting help and other resources
- Walkthrough 1 : Exploring the LiveCycle Administration Console and Workspace

Unit 3 : Getting Started with Adobe LiveCycle Workbench ES

- Understanding the relationship between Eclipse and Workbench ES
- Exploring the Workbench ES interface
- Walkthrough 1 : Using the Workbench ES interface

Unit 4 : Creating a Process

- Process Concepts
- Creating processes in Workbench ES
- Walkthrough 1 : Creating the process
- Walkthrough 2 : Starting the process diagram
- Walkthrough 3 : Adding activities, users and routes to the process diagram

Unit 5 : Using Data in a Process

- Adding Resources to the LiveCycle Repository
- Walkthrough 1 : Adding resources to the repository
- Walkthrough 2 : Adding process fields and a button to forms
- Defining variables for a process version
- Walkthrough 3 : Defining a form variable for a process version

Unit 6 : Assigning Tasks to Users in a Process

- Defining operations in a process diagram
- Walkthrough 1 : Defining an assign task operation in the process diagram
- Using process data on different forms
- Walkthrough 2 : Assigning data to another form

Unit 7 : Interacting with a Process via the Workspace

- Managing processes
- Walkthrough 1 : Activating a process
- Walkthrough 2 : Creating categories
- Walkthrough 3 : Creating an endpoint and configuring security
- Walkthrough 4 : Participating in a business process as an end user

Unit 8 : Implementing Business Rules to Control Process Flow

- Selecting routes based on business rules
- Walkthrough 1 : Branching on the loan amount

LAB 1 : Expense Report Process

- The expense report process
- Walkthrough 1 : Preparing forms for process use
- Walkthrough 2 : Creating the process
- Walkthrough 3 : Configuring the process diagram
- Walkthrough 4 : Using activities in the process diagram
- Walkthrough 5 : Defining variables for the form
- Walkthrough 6 : Using the assign task operation
- Walkthrough 7 : Preparing to use the process
- Walkthrough 8 : Assigning the expense report data to the review form
- Walkthrough 9 : Completing the process

Unit 9 : Testing and Troubleshooting Process Versions

- Monitoring applications
- Walkthrough 1 : Viewing process details
- Troubleshooting an application
- Walkthrough 2 : Troubleshooting a stalled process
- Walkthrough 3 : Using the variable logger service
- Walkthrough 4 : Record and playback

Unit 10 : Interacting with Databases

- Interacting with databases using the JDBC service
- Using the Execute SQL Statement operation
- Walkthrough 1 : Inserting data into a database
- Selecting database data
- Walkthrough 2 : Selecting a single row of data
- Selecting multiple rows of database data
- Walkthrough 3 : Querying multiple rows

Unit 11 : Using Email in a Process

- Configuring Email Notifications
- Walkthrough 1 : Configuring email settings and task notifications
- Using the Email service in a process
- Walkthrough 2 : Sending an email with an attachment
- Initiating processes via email
- Walkthrough 3 : Initiating a process via email

Unit 12 : Using the Forms Service Within a Process

- The Forms service
- Walkthrough 1 : Deploying and using the forms installation verification sample
- Rendering forms as part of a process
- Walkthrough 2 : Using the forms service to render a PDF form
- Using custom render and submit services

- Walkthrough 3 : Using a custom render service to render a form in the workspace
- The Form Augmenter service
- Walkthrough 4 : Using the form augmenter service to prepare a form for workspace

LAB 2 : Health Clinic Visit

- The Health Clinic visit process
- Walkthrough 1 : Preparing forms for process use
- Walkthrough 2 : Creating the process
- Walkthrough 3 : Defining variables for the process
- Walkthrough 4 : Using the assign task operation
- Walkthrough 5 : Preparing to use the process
- Walkthrough 6 : Preparing and emailing the visit summary form
- Walkthrough 7 : Write form data to the database (optional)

Unit 13 : Creating and Rendering Form Guides Within a Process

- Form Guides
- Walkthrough 1 : Creating a form guide
- Using a form guide in Workspace ES
- Walkthrough 2 : Rendering a form guide in the workspace
- Customizing form guides
- Walkthrough 3 : Customizing a form guide

Unit 14 : Generating PDFs from Other Document Types

- Understanding the PDF Generator service
- Walkthrough 1 : Generating a PDF using the web interface
- Reading and writing files using the File Utilities service
- Walkthrough 2 : Reading and writing from the file system
- Creating a short lived process using the PDF Generator service
- Walkthrough 3 : Creating a short-lived process using PDF generator

Unit 15 : Using the Rights Management Service to Secure Documents

- Examining Document Protection
- The Rights Management service
- Walkthrough 1 : Creating a new policy
- Applying Rights Management to a PDF in Acrobat
- Walkthrough 2 : Applying a policy using Acrobat
- Securing Microsoft Office documents with policies
- Walkthrough 3 : Securing a Microsoft Office document
- Protecting a document as part of a process
- Walkthrough 4 : Applying a policy to a document as part of a process

Unit 16 : Using the Reader Extensions Service

- Understanding the Reader Extensions service
- Using a Reader Extensions ES digital certificate
- Walkthrough 1 : Importing a Reader Extension credential
- Using the Reader Extensions Service from the web interface
- Walkthrough 2 : Using the Reader Extensions web interface
- Reader Extending a document as part of a process
- Walkthrough 3 : Creating a process to add usage rights to a document
- Using a watched folder endpoint
- Walkthrough 4 : Invoking a service via a watched folder

Unit 17 : Branching in a Process

- Creating Gateways
- Walkthrough 1 : Adding a gateway to a process

**LAB 3 : Health Clinic Visit
(continued)**

- The Health Clinic visit process
- Walkthrough 1 : Getting started
- Walkthrough 2 : Adding a gateway to the process
- Walkthrough 3 : Saving files to the file system
- Walkthrough 4 : Creating a new process to secure documents
- Walkthrough 5 : Reader extending the Health Summary form