

Adobe LiveCycle ES: Building Applications

Course length: 4 Days

Course Description

In this course, you will examine how to build applications with Adobe LiveCycle ES.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Performance-Based Objectives

In this course, you will examine the following topics:

- Introducing the Course
- Introducing Adobe LiveCycle ES (Enterprise Suite)
- Getting Started with Adobe LiveCycle Workbench ES
- Creating a Process
- Using Data in a Process
- Assigning Tasks to Users in a Process
- Assigning Tasks to Users in a Process
- Interacting with a Process via the Workspace
- Implementing Business Rules to Control Process Flow
- Monitoring and Troubleshooting Process Versions
- Interacting with Databases
- Configuring Email Notifications and Using Email in a Process
- Using the Forms Service Within a Process
- Creating and Rendering Form Guides Within a Process
- Generating PDFs from Other Document Types
- Using the Rights Management Service to Secure Documents
- Using the Reader Extensions Service
- Branching in a Process

Course Content

Lesson 1: Introducing the Course

Topic 1A: Introducing Mastery Learning

Topic 1B: Understanding the Course Format

Topic 1C: Reviewing the Course Prerequisites

Topic 1D: Reviewing the Course Outline

Lesson 2: Introducing Adobe LiveCycle ES (Enterprise Suite)

Topic 2A: Understanding LiveCycle ES

Topic 2B: LiveCycle ES architecture

Topic 2C: Getting help and other resources

Topic 2D: Walkthrough 1: Exploring the LiveCycle Administration Console and Workspace

Lesson 3: Getting Started with Adobe LiveCycle Workbench ES

Topic 3A: Understanding the relationship between Eclipse and Workbench ES

Topic 3B: Exploring the Workbench ES interface

Topic 3C: Walkthrough 1: Using the Workbench ES interface



Lesson 4: Creating a Process

Topic 4A: Process Concepts

Topic 4B: Creating processes in Workbench ES

Topic 4C: Walkthrough 1: Creating the process

Topic 4D: Walkthrough 2: Starting the process diagram

Topic 4E: Walkthrough 3: Adding activities, users and routes to the process diagram

Lesson 5: Using Data in a Process

Topic 5A: Adding Resources to the LiveCycle Repository

Topic 5B: Walkthrough 1: Adding Resources to the Repository

Topic 5C: Walkthrough 2: Adding Process Fields and a Button to forms

Topic 5D: Defining variables for a process version

Topic 5E: Walkthrough 3: Defining a form variable for a process version

Lesson 6: Assigning Tasks to Users in a Process

Topic 6A: Defining operations in a process diagram

Topic 6B: Walkthrough 1: Defining an Assign Task operation in the process diagram

Topic 6C: Using process data on different forms

Topic 6D: Walkthrough 2: Assigning data to another form

Lesson 7: Interacting with a Process via the Workspace

Topic 7A: Managing processes

Topic 7B: Walkthrough 1: Activating a process

Topic 7C: Walkthrough 2: Creating categories

Topic 7D: Walkthrough 3: Creating an endpoint and configuring security

Topic 7E: Walkthrough 3: Creating an endpoint and configuring security

Topic 7F: Walkthrough 4: Participating in a business process as an end user

Lesson 8: Implementing Business Rules to Control Process Flow

Topic 8A: Selecting routes based on business rules

Topic 8B: Walkthrough 1: Branching on the loan amount

Lesson 9: Lab 1: Expense Report Process

Topic 9A: The Expense Report process

Topic 9B: Walkthrough 1: Preparing forms for process use

Topic 9C: Walkthrough 2: Creating the process

Topic 9D: Walkthrough 3: Configuring the process diagram

Topic 9E: Walkthrough 4: Using Activities in the process diagram

Topic 9F: Walkthrough 5: Defining variables for the form

Topic 9G: Walkthrough 6: Using the Assign Task operation

Topic 9H: Walkthrough 7: Preparing to use the process

Topic 9I: Walkthrough 8: Assigning the expense report data to the review form

Topic 9J: Walkthrough 9: Completing the process

Lesson 10: Lab 1: Expense Report Process- General Steps

Topic 10A: The Expense Report process

Topic 10B: Walkthrough 1: Preparing forms for process use

Topic 10C: Walkthrough 2: Creating the process

Topic 10D: Walkthrough 3: Configuring the process diagram

Topic 10E: Walkthrough 4: Using Activities in the process diagram

Topic 10F: Walkthrough 5: Defining variables for the form



- Topic 10G: Walkthrough 6: Using the Assign Task operation
- Topic 10H: Walkthrough 7: Preparing to use the process
- Topic 10I: Walkthrough 8: Assigning the expense report data to the review form
- Topic 10J: Walkthrough 9: Completing the process

Lesson 11: Testing and Troubleshooting Process Versions

- Topic 11A: Monitoring applications
- Topic 11B: Walkthrough 1: Viewing process details
- Topic 11C: Troubleshooting an application
- Topic 11D: Walkthrough 2: Troubleshooting a stalled process
- Topic 11E: Walkthrough 3: Using the variable logger service
- Topic 11F: Walkthrough 4: Record and Playback

Lesson 12: Interacting with Databases

- Topic 12A: Interacting with databases using the JDBC service
- Topic 12B: Using the Execute SQL Statement operation
- Topic 12C: Walkthrough 1: Inserting data into a database
- Topic 12D: Selecting database data
- Topic 12E: Walkthrough 2: Selecting a single row of data
- Topic 12F: Selecting multiple rows of database data
- Topic 12G: Walkthrough 3: Querying multiple rows

Lesson 13: Using Email in a Process

- Topic 13A: Configuring Email Notifications
- Topic 13B: Walkthrough 1: Configuring Email Settings and Task Notifications
- Topic 13C: Using the Email service in a process
- Topic 13D: Walkthrough 2: Sending an email with an attachment
- Topic 13E: Initiating processes via email
- Topic 13F: Walkthrough 3: Initiating a process via email

Lesson 14: Using the Forms Service within a Process

- Topic 14A: The Forms service
- Topic 14B: Walkthrough 1: Deploying and using the Forms Installation Verification Sample
- Topic 14C: Rendering forms as part of a process
- Topic 14D: Walkthrough 2: Using the Forms service to render a PDF form
- Topic 14E: Using custom render and submit services
- Topic 14F: Walkthrough 3: Using a custom render service to render a form in the Workspace
- Topic 14G: The Form Augmenter service
- Topic 14H: Walkthrough 4: Using the Form Augmenter service to prepare a form for Workspace

Lesson 15: Lab 2: Health Clinic Visit

- Topic 15A: The Health Clinic Visit process
- Topic 15B: Walkthrough 1: Preparing forms for process use
- Topic 15C: Walkthrough 2: Creating the process
- Topic 15D: Walkthrough 3: Defining variables for the process
- Topic 15E: Walkthrough 4: Using the Assign Task operation
- Topic 15F: Walkthrough 5: Preparing to use the process
- Topic 15G: Walkthrough 6: Preparing and Emailing the Visit Summary form
- Topic 15H: Walkthrough 7: Write form data to the database (Optional)

Lesson 16: Lab 2: Health Clinic Visit - General Steps

- Topic 16A: The Health Clinic Visit process
- Topic 16B: Walkthrough 1: Preparing forms for process use
- Topic 16C: Walkthrough 2: Creating the process



- Topic 16D: Walkthrough 3: Defining variables for the process
- Topic 16E: Walkthrough 4: Using the Assign Task operation
- Topic 16F: Walkthrough 5: Preparing to use the process
- Topic 16G: Walkthrough 6: Preparing and Emailing the Visit Summary form
- Topic 16H: Walkthrough 7: Write form data to the database (Optional)

Lesson 17: Creating and Rendering Form Guides within a Process

- Topic 17A: Form Guides
- Topic 17B: Walkthrough 1: Creating a form guide
- Topic 17C: Using a form guide in Workspace ES
- Topic 17D: Walkthrough 2: Rendering a form guide in the Workspace
- Topic 17E: Customizing Form Guides
- Topic 17F: Walkthrough 3: Customizing a form guide

Lesson 18: Generating PDFs from Other Document Types

- Topic 18A: Understanding the PDF Generator service
- Topic 18B: Walkthrough 1: Generating a PDF using the web interface
- Topic 18C: Reading and writing files using the File Utilities service
- Topic 18D: Walkthrough 2: Reading and writing from the file system
- Topic 18E: Creating a short lived process using the PDF Generator service
- Topic 18F: Walkthrough 3: Creating a short-lived process using PDF Generator

Lesson 19: Using the Rights Management Service to Secure Documents

- Topic 19A: Examining Document Protection
- Topic 19B: The Rights Management service
- Topic 19C: Walkthrough 1: Creating a new policy
- Topic 19D: Applying Rights Management to a PDF in Acrobat
- Topic 19E: Walkthrough 2: Applying a Policy using Acrobat
- Topic 19F: Securing Microsoft Office documents with policies
- Topic 19G: Securing a Microsoft Office document
- Topic 19H: Protecting a document as part of a process
- Topic 19I: Walkthrough 4: Applying a policy to a document as part of a process

Lesson 20: Using the Reader Extensions Service

- Topic 20A: Understanding the Reader Extensions service
- Topic 20B: Using a Reader Extensions ES digital certificate
- Topic 20C: Walkthrough 1: Importing a Reader Extensions credential
- Topic 20D: Using the Reader Extension Service from the web interface
- Topic 20E: Walkthrough 2: Using the Reader Extensions web interface
- Topic 20F: Reader Extending a document as part of a process
- Topic 20G: Walkthrough 3: Creating a process to add usage rights to a document
- Topic 20H: Using a watched folder endpoint
- Topic 20I: Walkthrough 4: Invoking a service via a watched folder

Lesson 21: Branching in a Process

- Topic 21A: Creating Gateways
- Topic 21B: Walkthrough 1: Adding a gateway to a process

Lesson 22: Lab 3: Health Clinic Visit (cont'd)

- Topic 22A: The Health Clinic Visit process
- Topic 22B: Walkthrough 1: Getting started
- Topic 22C: Walkthrough 2: Adding a gateway to the process
- Topic 22D: Walkthrough 3: Saving files to the file system
- Topic 22E: Walkthrough 4: Creating a new process to secure documents
- Topic 22F: Walkthrough 5: Reader extending the Health Summary form



Lesson 23: Health Clinic Visit (cont'd) - General Steps

Topic 23A: The Health Clinic Visit process

Topic 23B: Walkthrough 1: Getting started

Topic 23C: Walkthrough 2: Adding a gateway to the process

Topic 23D: Walkthrough 3: Saving files to the file system

Topic 23E: Walkthrough 4: Creating a new process to secure documents

Topic 23F: Walkthrough 5: Reader extending the Health Summary form

Appendix A: Student Setup Guide

