



Adobe® LiveCycle® ES: Developing Forms (LCDV 200)

Course Duration

2 days

Course Description

In this course you will examine how to develop forms with Adobe LiveCycle Designer ES 8.2. The course is instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Prerequisites

To gain the most from this course, you should have an understanding of form-based business processes and experience with any drag-and-drop oriented design tool. XML and JavaScript experience would also be helpful.

Hardware Requirements

Your computer must have the following hardware (and you must be able to logon as an administrator):

- Microsoft® Windows® or Microsoft Windows Vista®
- 1024 x 768 pixels or greater monitor resolution
- 1.5 GB of total available hard-disk space

Software Requirements

You will need the above listed available disk space for the following:

- Adobe LiveCycle Designer ES 8.2
- Adobe® Acrobat® 9 Professional
- Adobe LiveCycle ES: Developing Forms (LCDV) course files

Performance-Based Objectives

- Introducing form layout
- Controlling user input and data display
- Scripting interactions and custom validation
- Working with flowed layout
- Creating shared and reusable form content



SOLUTION PARTNER
Gold

COURSE CONTENT

Lesson 1: Introducing the Course

- Introducing mastery learning
- Understanding the course format
- Reviewing the course prerequisites
- Reviewing the course outline

Lesson 2: Introducing Form Layout

- Understanding forms in Adobe LiveCycle ES
- Walkthrough 1: Exploring the forms
- Designing interactive forms
- Walkthrough 2: Adding and testing interactive form objects
- Previewing an interactive form
- Walkthrough 3: Previewing interactive forms
- Controlling tab order, presence and accessibility
- Walkthrough 4: Controlling tab order, presence, and accessibility
- Creating and using tables
- Walkthrough 5: Creating and configuring a table
- Organizing forms using subforms and object naming
- Walkthrough 6: Creating subforms and naming form objects

Lesson 3: Controlling User Input and Data Display

- Formatting and validating user input
- Walkthrough 1: Controlling Input and Display with Field Settings
- Setting and Using Locale Information
- Walkthrough 2: Setting and using Locale information
- Applying display and edit patterns
- Walkthrough 3: Working with Display and Edit Patterns
- Applying validation patterns
- Walkthrough 4: Working with Field Validation Patterns

Lesson 4: Scripting Form Interactions

- Adding business logic with scripts
- Walkthrough 1: Handling Events with a MessageBox
- Creating conditional form interactions
- Walkthrough 2: Creating Conditional Form Interactions
- Validating user input using scripts
- Walkthrough 3: Validating Input with Scripts and Functions
- Sharing data and controlling focus
- Walkthrough 4: Sharing data between events and controlling field focus
- Creating scripts for calculations

Lesson 5: Working with Flowed Layout

- Understanding subforms in dynamic forms
- Walkthrough 1: Understanding Flowed vs. Positioned Subform Content
- Using expanding tables in dynamic forms
- Walkthrough 2: Dynamically Adding and Removing Table Rows
- Flowing tables over multiple pages
- Walkthrough 3: Enabling multi-page dynamic tabular data display

Lesson 6: Creating Shared and Reusable Form Content

- Creating and using custom objects
- Walkthrough 1: Creating and Using a Custom Object
- Creating and using form fragments
- Walkthrough 2: Creating and Using a Form Fragment and Fragment Library
- Creating and using script fragments
- Walkthrough 3: Creating and using a script fragment
- Creating and using conditional subform fragments
- Walkthrough 4: Creating and using a conditional fragment
- Using master pages and global field bindings
- Walkthrough 5: Creating a multi-page form with shared data and varying page orientation
- Topic 6K: Creating and organizing form templates
- Topic 6L: Walkthrough 6: Creating and organizing form templates

Lesson 7: Importing Existing Forms

- Re-using existing PDF forms in Designer
- Walkthrough 1: Re-using existing PDF form content in Adobe LiveCycle Designer
- Re-using Microsoft Word forms in Designer
- Walkthrough 2: Re-using existing Microsoft® Word® form content in Adobe LiveCycle Designer ES

Lesson 8: Defining XML Relationships in Designer ES

Designing forms using data connections
Using XML Schema to create a form
Walkthrough 1: Creating a form from an XML Schema
Working with data bindings in a form
Walkthrough 2: Using implicit XML data binding within a form
Using explicit data binding in a form
Walkthrough 3: Using explicit XML data binding within a form
Binding tables to repeating data
Walkthrough 4: Binding tables to repeating data
Binding subforms to repeating data
Walkthrough 5: Binding subforms to repeating data
Using SOAP based web services
Walkthrough 6: Using a SOAP web service within a form

Lesson 9: Using Barcode Data in Forms

Using paper forms barcode objects
Walkthrough 1: Encoding form data within a barcode
Managing barcode data capacity
Walkthrough 2: Understanding barcode data capacity

Lesson 10: Using Digital Signatures

Using digital signatures to verify a form
Walkthrough 1: Using a digital signature to secure form data
Using document signatures to verify a field collection
Walkthrough 2: Using a digital signature to verify a field collection

Lesson 11: Using Advanced Scripting Techniques

Understanding script use in forms
Introducing script objects
Walkthrough 1: Control field appearance with custom function library
Implementing custom multi-field validation
Walkthrough 2: Controlling form submission based on custom multi-field validation
Creating a data drill-down effect
Walkthrough 3: Implementing data drill-down using embedded data
Implementing version dependent form behavior
Walkthrough 4: Implementing version specific behavior to form objects by type

Corporate Headquarters

Four Point Solutions Ltd.
106 Colonnade Road, Suite 210
Ottawa, Ontario, Canada
K2E 7L6
T. +1 613.907.6400
F. +1 613.225.1571

www.4Point.com

EMEA Headquarters

Four Point Solutions EMEA Ltd.
1 Exchange Place, IFSC
Dublin 1, Ireland
T. +44 203.0517.004
F. +35 387.814.6265

