Appendix A: Student Setup Guide

This appendix contains requirements and instructions for students to complete the exercises in Flex 3: Integrating Data and Messaging. It covers the following:

Objectives

After completing this unit, you should be able to:

- Understand the course hardware and software requirements.
- Understand the access requirements
- Perform the student setup instructions

Topics

In this unit, you will learn about the following topics:

- System Requirements
- Setup Instructions

System Requirements

Hardware requirements

Your computer must have the following hardware:

- Intel® Pentium® 4 processor
- 1GB of RAM
- 700 MB available disk space

Software Requirements

You must have the following software installed:

- Microsoft® Windows® Vista Ultimate, Microsoft® Windows® Vista Business, Microsoft® Windows® XP with Service Pack 2, Windows XP Professional, Windows 2000 Server, or Windows 2000 Pro or Windows Server™ 2003
- Java™ Virtual Machine: Sun™ JRE 1.4.2, Sun JRE 1.5, or IBM® JRE 1.4.2
- If using the Flex Builder plug-in, Eclipse™ 3.2.2 or Eclipse 3.3 is required
- One of the following browsers:
    - Internet Explorer
    - Mozilla
    - Netscape Navigator
    - Opera
- The latest debug version of the Adobe Flash Player (or at least version 9); during the installation of Flex Builder 3, your Flash Player will be upgraded to the debug Flash Player, version 9.
- You must be logged into your Windows system as an administrative user in order to complete the installation of Flash Player 9.

Note: To check your Adobe Flash Player version, go to http://www.adobe.com/products/flash/about/.

Setup Instructions

There are four phases of the installation:

- Installing Flex Builder 3
- Installing LiveCycle Data Services ES
- Installing the course files
- Testing the installation

Installing Flex Builder 3

1. Browse to the URL *http://www.adobe.com/products/flex/* and click the *Download free trial* link. Download *Flex Builder 3 Professional.*

2. Install Flex Builder 3 with all default options.

   If prompted for a serial number, leave it blank if you don't have one available. Flex Builder will install as a 60-day evaluation.

Note: You must register as an Adobe user to download software. Registration is free.

Installing LiveCycle Data Services ES

1. Browse to the URL *http://www.adobe.com/products/livecycle/dataservices/* and click the *Download free trial* link.

2. Download *LiveCycle Data Services ES Express.*

3. Install LiveCycle Data Services ES by running *lcds251-win.exe.*

   - At the **Serial Number** screen, leave the serial number blank to install the Express edition.

   - At the **Installation Location** screen, accept the installation path of *c:\lcds.*

   - At the **Installer Options** screen, select *LiveCycle Data Services with integrated JRun.*

   - Complete the installation.

Installing the Course Files

1. Unzip **f3idm_StudentFiles_03Mar08.zip** to *C:\adobeTraining\f3idm300.*

2. Make backup copies of the following files in the LCDS installation folder *C:\lcds\jrun4\servers\default\flex\WEB-INF\flex.*

   - *data-management-config.xml*
   - *messaging-config.xml*

- *proxy-config.xml*
- *remoting-config.xml*

3. Unzip **f3idm_ServerFiles_03Mar08.zip** to
   C:\lcds\jrun4\servers\default\flex

Note: If prompted to overwrite the existing files, click Yes to All.

Testing the Installation

1. From the Windows Start menu, select *All Programs > Adobe > LiveCycle Data Services 2.51 ES > Start Integrated LiveCycle Data Services ES Server.*

2. In a browser, navigate to this URL:

   http://localhost:8700/flex/f3idm/FStop.html

3. In the application, click the *Gallery* link.
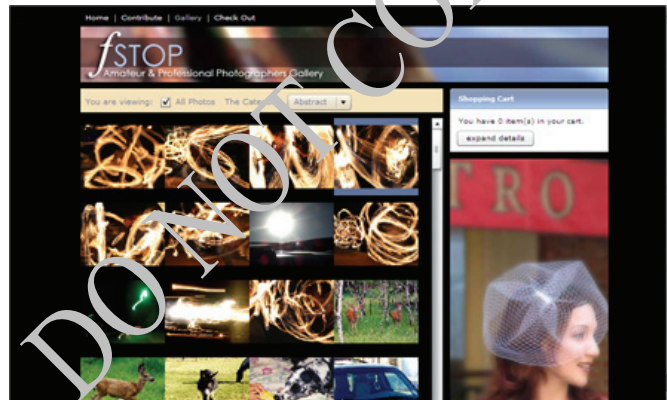
   You should see the application display a grid of photographs.

Figure 1: The application displaying a grid of photographs