
Appendix A: Student Setup Guide

This appendix contains requirements and instructions for students to complete the *Flex 3: Developing Rich Client Applications* course.

Objectives

After completing this unit, you should be able to:

- Understand the hardware requirements
- Understand the software requirements
- Perform the student setup instructions

Topics

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

- Reviewing System Requirements
- Setting up for the Course
- Testing the Installation

Reviewing System Requirements



This section reviews the hardware and software requirements for the course.

Hardware requirements

Your computer must have the following hardware:

- Intel® Pentium® 4 processor
- 1GB of RAM (2GB recommended)
- 500MB of available hard-disk space (additional 500MB required for plug-in configuration)

Software Requirements

The Flex Builder 3 system requirements for Windows and Mac OS X can be found at <http://www.adobe.com/products/flex/systemreqs/>.

Note: To check your Flash Player version, go to <http://www.adobe.com>, right click the main ad banner, and select About Adobe Flash Player or go to <http://www.adobe.com/software/flash/about/>.

Setting up for the Course



Please follow these setup instructions to configure student and instructor machines for this course. There are two phases of the installation:

- Installing Flex Builder 3
- Installing ColdFusion 8
- Installing course files

Installing Flex Builder 3

1. Browse to the URL <http://www.adobe.com/products/flex/> and follow the link to *Try Flex Builder 3*.
2. Follow the instructions to download the Flex Builder 3 60-day trial.
3. Install Flex Builder 3 accepting all of the default options.

Installing ColdFusion 8

1. Browse to the URL <http://www.adobe.com/products/coldFusion/> and click the Download free trial link.
2. You will be prompted for a Adobe username and password. Create an account if you do not have an existing username and password.
3. After you have signed in, select the ColdFusion 8 Developer Edition that works with your operating system.
4. Click Download button
5. Install ColdFusion 8
 - **Install Type:** Use the **Developer Edition**, which is an unlimited trial period, but restricted IP address, installation.
 - **Installer Configuration:** Use the **Server Configuration**.
 - **Subcomponent Installation:** **Do not** install any of the **subcomponents** unless you wish to; none are essential for the course.
 - **Select Installation Directory:** Accept the default.
 - **Configure Web Servers/Websites:** Use the **Built-in web server (Development Use Only)**.
 - **Enable RDS:** Do not enable RDS unless you wish to.

Note: Mac users, go to Applications > ColdFusion and use the ColdFusion Launcher to start ColdFusion.

Installing course files

1. Create a directory named *adobeTraining* in your root folder (*<installDirectory>\adobeTraining*).
2. Unzip *f3rca_studentFiles_7Mar08.zip* to *<installDirectory>\adobeTraining*.
 - All the files will be placed in a directory named *<installDirectory>\adobeTraining\f3rca*.
3. Unzip *f3rca_CF8_files.zip* to *<installDirectory>/ColdFusion8/wwwroot*.
 - All the files will be placed in a directory named **flex/httpService**

Testing the Installation



Follow these instructions to test your installation.

Test the Flex installation

1. Open Flex Builder
2. Select **File > Import > Flex Project**
3. Check Import project from Archived File
 - Browse to: **<installDirectory>/adobeTraining/f3rca/Lab3SolutionProject.zip**
 - Click *Open*
 - Click *Finish*
4. Open `FStop.mxml` in the `src` folder at the root of the `Lab3Solution` project.
5. Run the application.

You should see the FStop application.

Test the ColdFusion installation

1. Select **File > Import > Flex Project**
2. Check Import project from Archived File
 - Browse to: **<installDirectory>/adobeTraining/f3rca/HTTPServiceSolutionProject.zip**
 - Click *Open*
 - Click *Finish*
3. Open `HTTPService_wt5.mxml` in the `src` folder at the root of the `HTTPServiceSolution` project.
4. Run the application.
5. Enter *Cold* into the text form and click *Get Sandwiches*.

You should see the datagrid populate with two records. If you don't receive records, make sure the ColdFusion 8 Application is running.