

Setup Instructions for “Learn by Doing” sessions

[Adobe devsummit 2009](#) has tutorial-oriented sessions called “Learn by Doing” sessions for relatively new Flex developers. Feel free to bring your laptop and do-it-yourself along with the speaker. You will create an Adobe Flex application from scratch. You will start with creating application UI using tools like Adobe Flash Catalyst and Adobe Flash Builder 4 and then use Flash Builder 4, BlazeDS and Zend AMF to retrieve data from server and bind to the UI controls.

Please find below the details on how to download and install the required software for these sessions.

To make the most from these sessions we recommend you should install:

- Web server (Tomcat/WAMP)
- AMF Library (BlazeDS/Zend AMF)
- Adobe Flash Builder 4
- Adobe Flash Catalyst
- Adobe Flash Player debug version

Install web server

If you don't have a web server set up on your computer, follow the instructions below to download and install a web server for your preferred server technology.

Java developers:

Download Tomcat from this URL <http://tomcat.apache.org/download-60.cgi>

Install Tomcat as explained in this URL <http://tomcat.apache.org/tomcat-6.0-doc/setup.html>

PHP developers:

Download WAMP from this URL <http://www.wampserver.com/en/download.php>

Install WAMP as explained in this URL <http://www.wampserver.com/en/presentation.php>

Note: Macintosh users, install MAMP from this URL <http://www.mamp.info/en/downloads/index.html>.

Set up AMF libraries

Set up the AMF library for the corresponding server technology.

Java developers:

Download BlazeDS from this URL <http://flexorg.wip3.adobe.com/blazeds/trunk/11835/blazeds-bin-4.0.0.11835.zip>

Set up BlazeDS as explained in this URL (use the BlazeDS downloaded above)

<http://sujitreddy.wordpress.com/2009/04/07/setting-up-blazeds/>

Open *samplewebapp/WEB-INF/web.xml* using a text editor and remove comment around *RDSDispatchServlet* Servlet definition and the URL mapping as shown below. Also set the *useAppserverSecurity* parameter value to “false” as shown below. Alternatively, you can copy the Servlet mapping below into your *web.xml*.

```
<servlet>

<servlet-name>RDSDispatchServlet</servlet-name>

<display-name>RDSDispatchServlet</display-name>

<servlet-class>flex.rds.server.servlet.FrontEndServlet</servlet-class>

<init-param>

<param-name>useAppserverSecurity</param-name>

<param-value>false</param-value>

</init-param>

<load-on-startup>10</load-on-startup>

</servlet>

<servlet-mapping id="RDS_DISPATCH_MAPPING">

<servlet-name>RDSDispatchServlet</servlet-name>

<url-pattern>/CFIDE/main/ide.cfm</url-pattern>

</servlet-mapping>
```

PHP developers:

PHP developers can skip this step; Flash Builder will automatically set up the AMF library.

Deploy sample files

In this step you will be downloading and deploying the sample files provided by us, which will be used during the session.

1. Download sample files from this URL
http://flashahead.adobe.com/events/devsummit2009/lbd/lbd_sample_files.zip
2. You will downloading a file named *lbd_sample_files.zip*
3. Extract the contents of *lbd_sample_files.zip* on to your computer
4. After extracting you should be able to see a folder named *lbd_sample_files* with sample files

Follow the instructions below to deploy the sample files based on the server technology chosen.

Java developers:

1. In the *lbd_sample_files* folder you will find a folder named *java*
2. In the *lbd_sample_files/java* folder you will find a folder named *classes* which contains the sample .class files. You can also find the source for the class files in *lbd_sample_files/java/src* folder
3. Copy the *lbd_sample_files/java/classes* folder into *samplewebapp/WEB-INF/* folder

PHP developers:

1. Create a web application named *samplewebapp* by creating a folder named *samplewebapp* under *<WAMP installation folder>/htdocs*.
2. In the *lbd_sample_files* folder you will find a folder named *php*, under this you will find a folder named *services* which has the sample PHP files
3. Copy the *lbd_sample_files/services* folder into *<WAMP installations folder>/htdocs/samplewebapp* folder

Install Adobe Flash Builder 4

Download and install Flash Builder 4 beta 2 from this URL

<http://labs.adobe.com/technologies/flashbuilder4/>

Install Adobe Flash Catalyst

Download and install Adobe Flash Catalyst beta 2 from this URL

<http://labs.adobe.com/technologies/flashcatalyst/>

Install Flash Player Debugger version

Firefox, Chrome and Safari users:

Download and install Flash Player debugger version from this URL

http://download.macromedia.com/pub/flashplayer/updaters/10/flashplayer_10_plugin_debug.exe

Internet Explorer users:

Download and install Flash Player debugger version from this URL

http://download.macromedia.com/pub/flashplayer/updaters/10/flashplayer_10_ax_debug.exe

You have all the software and the files required for the Learn by doing sessions, setup on your computer. Meet you all at the Adobe devsummit venue.