

Notes for e-Lab developers:

Creating the project and teacher pages:

Step 1: Acquire graphics folder and page templates

- Download the e-Lab folder (teacher_jsp.zip).
- Unzip the file and rename the folder teacher_jsp to the name of your e-Lab (e.g., ligo for Ligo)

The folder contains java server pages that require the files in the include and graphics folders. You can still open them in a browser. The header and navigation bar will not show until the pages are uploaded to the Tomcat development server at Argonne. The fonts will look different on the Tomcat server.

Step 2: Replace project page images in the graphics folder

- Replace side_image.jpg, top_image.jpg with images appropriate for your project. Try to keep the size the same.
- (Later, if using different navigation buttons for the student pages, replace nav.jpg and subnav.jpg).

Step 3. Create project and teacher pages

- Edit the jsp pages using a text editor or Dreamweaver or any other web page editor that does not add any garbage and leaves the jsp alone. **Do not change the names of the pages.**

It is very important that you use a text editor or Dreamweaver and not Microsoft Word. The easiest option is to purchase an educational version of Dreamweaver. One problem you may run into is that your operating system does not know what to do with files with “.jsp” as an extension.

On a PC, you may have to select the text editor application from a list of applications to open it or else open it directly from your text editor (e.g., NotePad or WordPad.) Do not select Microsoft Word when given a list of applications.

Another approach is to use the Control Panel “Folder Options” to set the File Extension “.jsp” be associated with a file type “Text Document” and set it to open with the Text Editor. The default application is “Notepad”. You will probably have to click “New” to make a new extension JSP and select Text Document.

On a Mac, you may need to hold down the “control” key and then select the file and choose “Open with” and find the text editing application you want to

use. Again, do not choose Microsoft Word. You can select the file and choose “Get Info” under the File menu. Find “Open With” in the information about the file and choose your text editing program. If you also select Change All, then all jsp files will open with the text editing program. If you don’t have a text editing program, download BBEdit (www.barebones.com).

- Replace any hard-coded “cosmic” text in the jsp with your project name (e.g., cms or ligo); Look for *** in code. The comment will point what you need to change. Dreamweaver supports editing the code directly, but you may have to use a text editor for this.

(for example, in teacher.jsp, you will see:

```
// ***** change the "cosmic" to your e-Lab (e.g., ligo for Ligo, cms for CMS)
String project="cosmic";
```

If you are working on Ligo, then change the “cosmic” to “ligo” so that the last line is

```
String project="ligo";
```

Files requiring changes are:

teacher.jsp, site-map.jsp, common.jsp in the main folder and navbar_common in the include folder

- Upload the jsp pages to the Argonne server. You may need help with this. Contact Liz Quigg (liz@fnal.gov)