

Homework 4 – Part II: Creating your JAX-RPC service

Due: Dec. 15, 2004 (no extensions)

In this assignment, you will modify the HelloWorldService as follows:

- 1- Create a Student class that has a:
 - i. Constructor that takes a String as the student's name. This constructor will just initialize the private data field "name" to the string passes as argument.
 - ii. Printdescription method that returns a string of the form "I am a student and my name is " + name.
- 2 - Place the Student.java file in the "server" folder for the **source** code for HelloWorld.
- 2- Modify the "HelloImpl.java" so that the "sayehlloback" method creates a student instance with the name passed as argument, and returns the student's description.

After the above modifications, "recompile" by running the 'ant' utility as before. Remember to re-deploy the .war file after you build the new service.

Things you should NOT do:

- 1- Do not change the name of the methods or the arguments. These types of changes will result in changes in the generated WSDL, and the service will not work, unless you do additional changes.

Deliverables:

- 1 – Your HelloImpl.java, HelloClient.java and Student.java file**
- 2 – The screen shot of the DOS window in which you run "ant run-client", displaying the string returned by the server.**