Setting Up Apache Tomcat
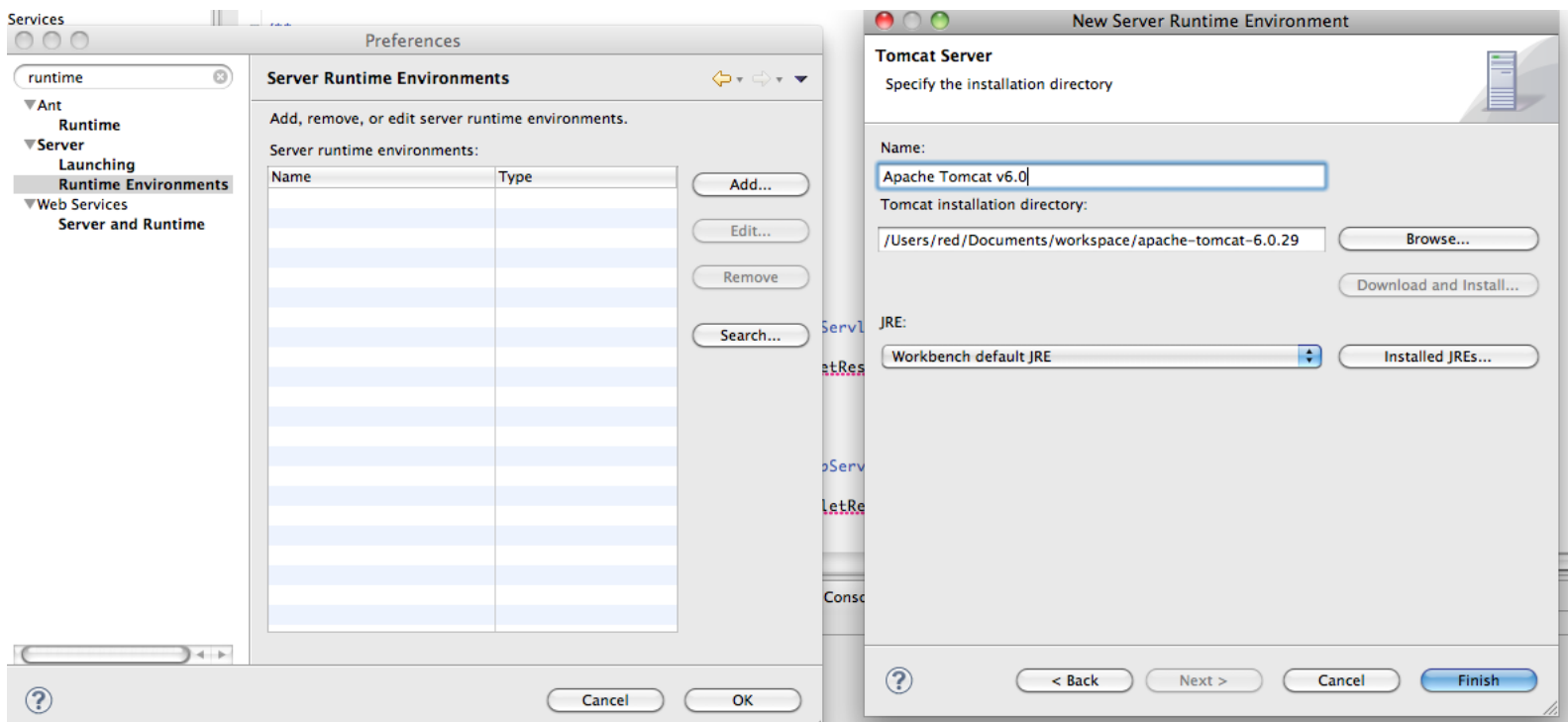
Handout by Red Daly

Please use the instructions below to set up your Eclipse development environment and Apache Tomcat web server. You will need to download and install Tomcat in addition to Eclipse in order to run your web project locally. There is a way to download Tomcat directly from Eclipse as you will see below.

1. Download Eclipse IDE for Java EE Developers and unzip in a folder of your choice.

2. Open Eclipse

3. Open up your Eclipse Preferences. Windows and Linux: select Window (up the top)->Preferences

4. Inside the Eclipse preferences, navigate to Server->Runtime Environments->Add

    a. Select Apache Tomcat 6 from the list at the top

    b. If the "Download and install" button is enabled, use it to tell Tomcat where to download install.

    c. If the "Download and install" button is not enabled, you need to download Tomcat manually.

        i. Download Tomcat from http://apache.osuosl.org/tomcat/tomcat-6/v6.0.29/bin/apache-tomcat-6.0.29.zip

        ii. Unzip the file to a directory anywhere on your computer

        iii. Make sure that the correct installation folder is listed under "Tomcat Installation Directory:" and click Finish. Use the directory where you downloaded Tomcat

5. When you create a new Dynamic Web Project, make sure that the "Target runtime" is Apache Tomcat v6.0, as shown:

The first time you will try to run the web server, Eclipse will ask you to confirm which server you are using. To do this, simply select Apache Tomcat 6 from the list and choose to run locally.

If you go ahead and create a dynamic web project, you should be able to see any of the class examples from Lecture run. If you get a 404 error make sure you place the JSPs in the WebContent folder.

If you are still having trouble, feel free to post to Piazzza or email cs108staff@gmail.com.