

Eclipse Development Environment 2

Install Database Drivers

- You will need both Oracle and MySQL drivers even if you are only using one. They are both referenced in the Eclipse classpath.
- Obtain the Oracle driver for your version of the database. The file name should be `ojdbc14.jar`.
- Obtain the 5.0.5 version of the MySQL Connector/J JDBC driver. The file name should be `mysql-connector-java-5.0.5-bin.jar`.
- Put both drivers in `/java/drivers`

Install & Configure Eclipse

- Select "Preferences..." from the "Window" menu in Eclipse
- Select General --> Compare/Patch": you may want to check "Ignore white space" here
- Select General --> Workspace": check "Refresh automatically"
- Select Ant --> Runtime
 - Click "Restore Defaults"
 - Select "Ant Home Entries" on the "Classpath" tab, click "Add External JARs...", select the `junit-3.8.1.jar` that you put in your `ant/lib` directory, and click "Open"
 - Click "Add Task..." on the "Tasks" tab, enter "junit" for the "Name", select the entry ending in `plugins\org.apache.ant_1.6.5\lib\ant-junit.jar` for the "Location", expand the folder tree to `/org/apache/tools/ant/taskdefs/optional/junit` and select the `junit` folder, select `JUnitTask.class` from the class list on the right, and click OK
 - Repeat the steps in the bullet above, but use "junitreport" for the "Name" and select `XMLResultAggregator.class` from the class list this time
- Select Java --> Build Path --> Classpath Variables:
 - Create (or edit) `TOMCAT_LIB_HOME`. Enter the path to your tomcat installation's "common/lib" for the "Path", and click "OK"
 - Create (or edit) `DRIVERS_DIRECTORY`. Enter `/java/drivers` for the "Path", and click "OK"
- Select Java --> Installed JREs
 - If you don't already have a JRE with a "Location" that's the same as your `JAVA_HOME` system variable, click the "Add..." button, enter "jdk15" for the "Name", enter the appropriate path (as you did for `JAVA_HOME`) for the "JRE Home Directory", and click "OK"
 - Paste `-Xms40m -Xmx1024m -XX:MaxPermSize=128m` into the "Default VM Arguments" textbox, and click "OK"
 - Make sure the `jdk15` is checked (and therefore the default)
- Click "OK" to exit "Preferences"

Import Projects

- Select "Import" from the "File" menu in Eclipse.
- Select "Existing Projects into Workspace" and click "Next >".
- Specify the the financial-system directory from the distribution as the root directory.
- Click "Finish"

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