

Getting Started with JavaDB (which is a variant of Apache Derby)

1. Installation: copy javadb_files folder (located in this folder) to D:\. This is where database files will be stored. After copying, directory structure will be:

D:\javadb_files

You can see these files in the javadb_files directory:

client.bat (runs the sql client)

start.bat (starts the Derby db server)

stop.bat (shuts down the Derby db server)

These batch files assume that JavaDB distribution is located at:

C:\Program Files (x86)\Java\jdk1.8.0_45\db

Look for the directory where your Java/JavaDB is installed and replace with the correct path in each of the batch files.

2. Checking the Installation: Run start.bat and then run client.bat.

At the ij prompt of client.bat, type

run 'sample.sql';

(Don't forget the semicolon)

If there are no errors, you will have created a SAMPLE table.

3. Load data for the MPP Lab:

At the ij prompt type

run 'mpp_customer.sql';

For the honors project (the Library Systsem), type

run 'mpp_library_create.sql'

and then

run 'mpp_library_insertdata.sql'

You should see no errors in the command window.

4. Set up a test project in Eclipse.

Create a package javadb and copy the three testing classes under D:\javadb_files\TestingCode to the package

I have copied the derbyclient.jar in the lib folder of JavaDb distribution to jars folder inside javadb_files.

You will need to add derbyclient.jar as an External Jar to your new Java project.

5. Look over the TestJavaDb.java and run it. This will work only if your JavaDb server is running.

6. Run stop.bat to shut down the Derby server.