

Welcome to Jetspeed 2

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1.

The default database distributed with Jetspeed-2 is the Hypersonic SQL Java Database (HSQL). HSQL runs in process with Jetspeed-2. It is not a production-ready database, however it allows you to get up and running quickly. To move on to a more robust database, follow the instructions in the next section.

2.

To run with My SQL, add the following properties to your \$HOME/build.properties:

```
# -----  
# configure MySQL Test DB  
# -----  
org.apache.jetspeed.test.database.default.name=mysql  
org.apache.jetspeed.test.database.url = jdbc:mysql://j2-server/j2test  
org.apache.jetspeed.test.database.driver = com.mysql.jdbc.Driver  
org.apache.jetspeed.test.database.user = jetspeed2  
org.apache.jetspeed.test.database.password = whatever  
# -----  
# configure MySQL Production DB  
# -----  
org.apache.jetspeed.production.database.default.name=mysql  
org.apache.jetspeed.production.database.url = jdbc:mysql://j2-server/j2  
org.apache.jetspeed.production.database.driver = com.mysql.jdbc.Driver  
org.apache.jetspeed.production.database.user = jetspeed2  
org.apache.jetspeed.production.database.password = whatever  
# -----
```

In the example above, you will need to have a MySQL server running on a host named 'j2-server'. Also, you will need 2 databases, one called 'j2test' for running the unit tests, and a second called 'j2' for the production database. A user named 'jetspeed2' should be granted access to both the 'j2' and 'j2test' databases.

None

3.

To run with Oracle, add the following properties to your \$HOME/build.properties:

```
# -----  
# configure Oracle Test DB  
# -----  
# org.apache.jetspeed.test.database.default.name=oracle
```

```

# org.apache.jetspeed.test.database.ojb.platform=oracle9i
# org.apache.jetspeed.test.database.url =
jdbc:oracle:thin:@j2-sever:1521:j2db
# org.apache.jetspeed.test.database.driver =
oracle.jdbc.driver.OracleDriver
# org.apache.jetspeed.test.database.user = j2test
# org.apache.jetspeed.test.database.password = whatever
# -----
# configure Oracle Production DB
# -----
# org.apache.jetspeed.production.database.default.name=oracle
# org.apache.jetspeed.production.database.ojb.platform=oracle9i
# org.apache.jetspeed.production.database.url =
jdbc:oracle:thin:@j2-server:1521:j2db
# org.apache.jetspeed.production.database.driver =
oracle.jdbc.driver.OracleDriver
# org.apache.jetspeed.production.database.user = j2
# org.apache.jetspeed.production.database.password = whatever
# -----

```

In the example above, you will need to have a Oracle server running on a host named 'j2-server' and have an Oracle database SID named 'j2db' installed on that server. Also, you will need 2 database users (schemas), one called 'j2test' for running the unit tests, and a second called 'j2' for the production database.

Only for the first time you create the database for Oracle, there is an issue with the drop statements. To get around this problem, set your properties as above in your \$HOME/build.properties, and then run these commands:

```

maven db.scripts.gen
maven dropdrops
maven db.create.test
maven db.create.production

```

4.

JDBC drivers are configured to work with the Maven build by adding your specified JDBC driver jars to the Maven class path. Specify the jars with the org.apache.jetspeed.test.jdbc.drivers.path and org.apache.jetspeed.production.jdbc.drivers.path properties in your \$HOME/build.properties.

NOTE: The Hypersonic JDBC driver is distributed with Jetspeed and require no configuration.

```

# My SQL Driver Path Example, test and production

```

```

org.apache.jetspeed.test.jdbc.drivers.path=/Portal/lib/MySQL/mysql-connector-java-3.0.8
org.apache.jetspeed.production.jdbc.drivers.path=/Portal/lib/MySQL/mysql-connector-java

# Oracle 9i Driver Path Example, test and production
org.apache.jetspeed.test.jdbc.drivers.path=/Portal/lib/oracle/ojdbc14.jar;/Portal/lib/o
org.apache.jetspeed.production.jdbc.drivers.path=/Portal/lib/oracle/ojdbc14.jar;/Portal

# Oracle 8i Driver Path Example, test and production
org.apache.jetspeed.test.jdbc.drivers.path=/Portal/lib/oracle/classes12.jar;
org.apache.jetspeed.production.jdbc.drivers.path=/Portal/lib/oracle/classes12.jar;

```

When Jetspeed is deployed to an application server using the maven deploy target, only the Hypersonic JDBC driver is copied into the web application. To distribute a specific driver (i.e. Oracle, MySQL), you will need to copy the driver into the application server's common class path for shared code.

Application Server	Procedure
Tomcat 4	copy driver(s) to \${TOMCAT_HOME}/shared/lib
Tomcat 5	copy driver(s) to \${TOMCAT_HOME}/shared/lib