

6.2.1 - Configuring Database Connections (Oracle)

After creating the four SHRINE databases and loading their schema, you will then proceed to template the connection file that Tomcat uses for these database connections: context.xml. This file should be placed in the **lopt/shrine/tomcat/conf** directory.

Here's an example of how a context.xml file should look like. Please remember to change the connection url to your Oracle database schema with the right username and password!



NOTE

The following is for a system running Oracle databases, granted you have already followed the instructions in Chapter 6.1.1.



Oracle Users

Starting with SHRINE 1.25.4, if you are using Oracle, please change the driverClassName to "oracle.jdbc.driver.OracleDriver".

```
<?xml version='1.0' encoding='utf-8'?>
<!-- The contents of this file will be loaded for each web application -->

<Context>
  <WatchedResource>WEB-INF/web.xml</WatchedResource>
  <Resource name="jdbc/problemDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="100" maxIdle="30" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.oracle.jdbc.Driver"
    url="jdbc:oracle:thin:@db.com:1521:ShrineDB"
    testOnBorrow="true" validationQuery="SELECT 1 FROM DUAL" />

  <Resource name="jdbc/shrineDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="100" maxIdle="30" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.oracle.jdbc.Driver"
    url="jdbc:oracle:thin:@db.com:1521:ShrineDB"
    testOnBorrow="true" validationQuery="SELECT 1 FROM DUAL" />

  <Resource name="jdbc/adaptAuditDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="100" maxIdle="30" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.oracle.jdbc.Driver"
    url="jdbc:oracle:thin:@db.com:1521:ShrineDB"
    testOnBorrow="true" validationQuery="SELECT 1 FROM DUAL" />

  <Resource name="jdbc/qpAuditDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="100" maxIdle="30" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.oracle.jdbc.Driver"
    url="jdbc:oracle:thin:@db.com:1521:ShrineDB"
    testOnBorrow="true" validationQuery="SELECT 1 FROM DUAL" />

  <Resource name="jdbc/stewardDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="100" maxIdle="30" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.oracle.jdbc.Driver"
    url="jdbc:oracle:thin:@db.com:1521:ShrineDB"
    testOnBorrow="true" validationQuery="SELECT 1 FROM DUAL" />
</Context>
```