

# SHRINE 3.2.1 Upgrade Chapter 6 - Update Database Connections

Tomcat uses its context.xml file to create database connection pools and to find the database. Remove the "jdbc/problemDB" resource from context.xml. Shrine-setup.zip contains a sample context.xml file.

Here's an example of an existing context.xml file for a local mariaDB:

**/opt/shrine/tomcat/conf**

```
<?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/shrineDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="128" maxIdle="32" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/shrine_query_history?serverTimezone=UTC"
    testOnBorrow="true" validationQuery="SELECT 1" />

  <Resource name="jdbc/adapterAuditDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="128" maxIdle="32" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/adapterAuditDB?serverTimezone=UTC"
    testOnBorrow="true" validationQuery="SELECT 1" />

  <Resource name="jdbc/qpAuditDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="512" maxIdle="32" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/qpAuditDB?serverTimezone=UTC"
    testOnBorrow="true" validationQuery="SELECT 1" />

  <Resource name="jdbc/stewardDB" auth="Container" type="javax.sql.DataSource"
    maxTotal="128" maxIdle="32" maxWaitMillis="10000"
    username="shrine" password="demouser" driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/stewardDB?serverTimezone=UTC"
    testOnBorrow="true" validationQuery="SELECT 1" />
</Context>
```