

# Archiva with MySQL

## Archiva with MySQL

- 1) Create the database spaces on the mysql side.
- 2) Create the users on the mysql side
- 3) Assign the permissions to those database spaces on for those users.
- 4) Configure your jndi sources.
- 5) Use an appropriate mysql jdbc connector.
- 6) Use the appropriate jdbc driver (there are 4 valid drivers within the mysql jdbc connector, you need to choose the one most appropriate to your environment)

Other option:

Check out archiva's webapp, there's a [-Pmysql profile](#) that you can use with jetty:run to execute archiva entirely on mysql.

The [archiva-webapp/src/jetty-env-mysql.xml](#) (*This is actually a jetty configuration file*) has some details on how to prep (or bootstrap) mysql so that you can have jpo create the tables and indexes for you.

## Tomcat Specifics.

- If you want to use a MySQL database in UTF-8 format, please refer to [MRM-227](#)
- Add the JDBC Driver type 4 for MySQL.
- Set up your datasources. For example in tomcat :

```
<Context path="/archiva"
  docBase="E:/OSS/m2-trunks/archiva/archiva-webapp/target/archiva-webapp-1.0-SNAPSHOT.war"
  reloadable="true"
  antiJARLocking="true"
  antiResourceLocking="true">

  <Resource name="jdbc/users"
    auth="Container"
    type="javax.sql.DataSource"
    username="users"
    password="users"
    driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/users?autoReconnect=true" />

  <Resource name="jdbc/archiva"
    auth="Container"
    type="javax.sql.DataSource"
    username="archiva"
    password="archiva"
    driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/archiva?autoReconnect=true" />

  <Resource name="mail/Session"
    auth="Container"
    type="javax.mail.Session"
    mail.smtp.host="localhost" />
</Context>
```

## References

- <http://www.nabble.com/Plexus-Redback-and-MySQL-t3724868.html>