

MYSQL Setup for Tracker

If your database is MYSQL, use below instructions to set up MYSQL database.

- 1) Login into mysql command line client as root
- 2) Use below command to create tracker_user
`CREATE USER tracker_user identified by '<PASSWORD>';`
(Use your password in place of PASSWORD)
- 3) Use below command to create tracker database
`CREATE database tracker;`
- 4) Use below command to grant privileges to tracker_user
`GRANT ALL PRIVILEGES ON tracker.* TO tracker_user@localhost IDENTIFIED BY '<PASSWORD>' WITH GRANT OPTION;`
(Use your password in place of PASSWORD)
- 5) Copy MysqlDDL.sql and MysqlDML.sql in <mysql installation>/bin
- 6) Open command prompt and go to <mysql installation>/bin.
- 7) Use below to create tracker schema
`mysql -utrackr_user -p<PASSWORD> tracker < MysqlDDL.sql`
- 8) Use below to populate tracker schema
`mysql -utrackr_user -p<PASSWORD> tracker < MysqlDML.sql`

Oracle Setup for Tracker

1) Login into oracle using sql plus.

2) Use below command to create tracker_user

```
CREATE USER "TRACKER_USER" PROFILE "DEFAULT" IDENTIFIED BY  
"<PASSWORD>" DEFAULT TABLESPACE "USERS" TEMPORARY TABLESPACE  
"TEMP" ACCOUNT UNLOCK;
```

(Use your password in place of PASSWORD)

3) Use below command to grant privileges to tracker_user

```
GRANT UNLIMITED TABLESPACE TO "TRACKER_USER"  
GRANT "CONNECT" TO "TRACKER_USER";
```

4) Use OracleDDL.sql to create tracker schema

5) Use OracleDML.sql to populate tracker schema

Other Databases

Other databases are not supported at this time. In future support will be available of other databases.

Tomcat Setup

If you are using tomcat as application server, follow below instructions

1) Java Mail

Copy activation.jar and mail.jar (These files can be downloaded from sun web site) in <CATALINA_HOME>/lib

2) Database driver

If your database is MYSQL copy MYSQL driver in <CATALINA_HOME>/lib
(MYSQL Driver can be downloaded from MYSQL web site)

If your database is Oracle copy Oracle driver in <CATALINA_HOME>/lib
(Oracle Driver can be downloaded from Oracle web site)

3) Datasource

Edit context.xml from <CATALINA_HOME>/conf

Add below in the <context></context> tag if your database is MYSQL

```
<Resource name="jdbc/tracker"
    auth="Container"
    type="javax.sql.DataSource"
    maxActive="100"
    maxIdle="30"
    maxWait="10000"
    username="tracker_user" password="<your password>"
    driverClassName="com.mysql.jdbc.Driver"
    url="jdbc:mysql://<HOST_NAME>:3306/tracker?autoReconnect=true"/>
```

Add below in the <context></context> tag if your database is Oracle

```
<Resource name="jdbc/tracker"
    auth="Container"
    type="javax.sql.DataSource"
    maxActive="100"
    maxIdle="30"
    maxWait="10000"
    username="tracker_user" password="<your password>"
    driverClassName="oracle.jdbc.driver.OracleDriver"
    url="jdbc:oracle:thin:@<HOST_NAME>:1521:<ORACLE_SID>"/>
```

In above HOST_NAME is host name of server where database is running.

4) Installing Tracker

Copy tracker.war into <CATALINA_HOME>/webapps
Start tomcat.

Other Application Servers

- 1) Create a datasource as java/tracker.
- 2) Copy activation.jar and mail.jar in the common lib directory.
- 3) Install tracker.war
- 4) Start application server if necessary.

Login into Tracker

1) Open a browser and hit URL

http://<HOST_NAME>:<INSTALLATION_PORT>/tracker

2) Use admin/admin to login into tracker.

3) Click on Admin link on the left navigation to access Admin module.

3) Add lookup values for Issue Type, Version, Module, Complexity, Severity and Status.

4) Use Maintain Email to change SMTP settings.

5) Use Maintain Log to change log settings.

6) Use Maintain Users to create new users.

7) To get help for Admin module click Help link on top right hand corner.

8) Publish application by sending out link to all the users

http://<HOST_NAME>:<INSTALLATION_PORT>/tracker