The following is a list of setup instructions to setup realm authentication in Glassfish for the fblaem application. Without this setup the application will not operate.

Go to localhost:4848 in your browser (assuming you already have Glassfish running)

1.       Under Resources -> JDBC -> JDBC Connection Pools

a.       Create a new Pool

 i.      Name = JRsServer

ii.      Resource Type  = sql.datasource

iii.      Database Driver Vendor = MySQL

iv.      Next

v.      On the next page you’ll need to scroll down to “Aditional Properties”

vi.      You need to configure the following properties, delete all other properties on this page (CASE SENSATIVE).

1.       portNumber = 3306

2.       databaseName = fblaem

3.       serverName = [orthanc.jrw.org](http://orthanc.jrw.org) (if the database is on the same machine this should be “localhost”)

4.       user = fblaem

5.       password = FBLA\_EM

 vii.      Finish

2.       Under Resources - > JDBC -> JDBC Resources

a.       Create a new Resource

 i.      JNDI Name = jdbc/JRsServer

ii.      Pool Name = JRsServer

iii.      Click OK

3.       Under Configurations -> server-config -> Security -> Realms

a.       Create a new Realm

i.      Any field not mentioned needs to be left blank

ii.      Name = fblaem

iii.      Class Name = …JDBCRealm

iv.      JAAS Context = jdbcRealm

v.      JNDI = jdbc/JRsServer

vi.      User Table = fblaem.User\_View

vii.      User Name Column = Username

viii.      Password Column = Password

ix.      Group Table = fblaem.Group\_View

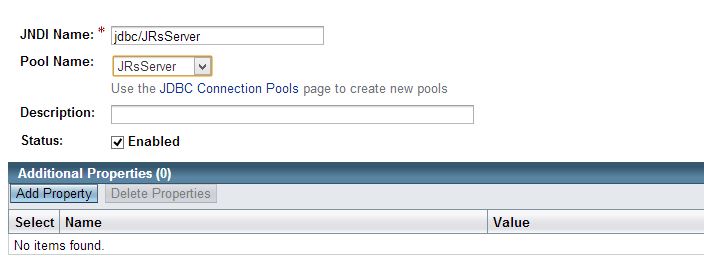
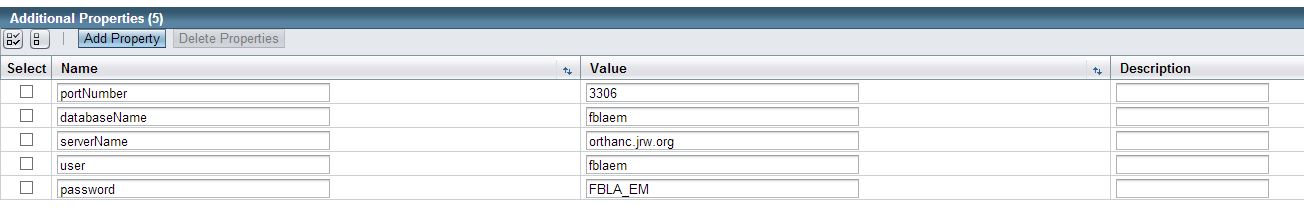
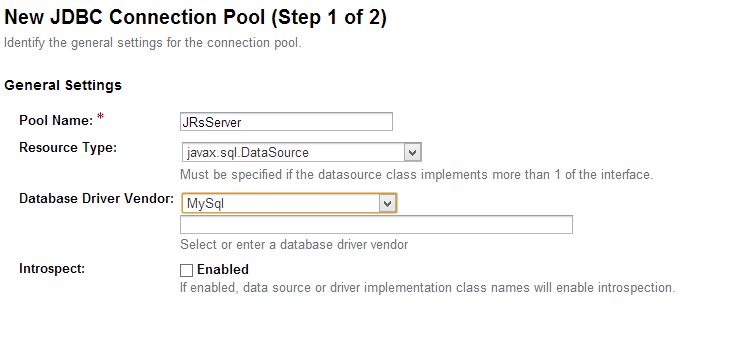
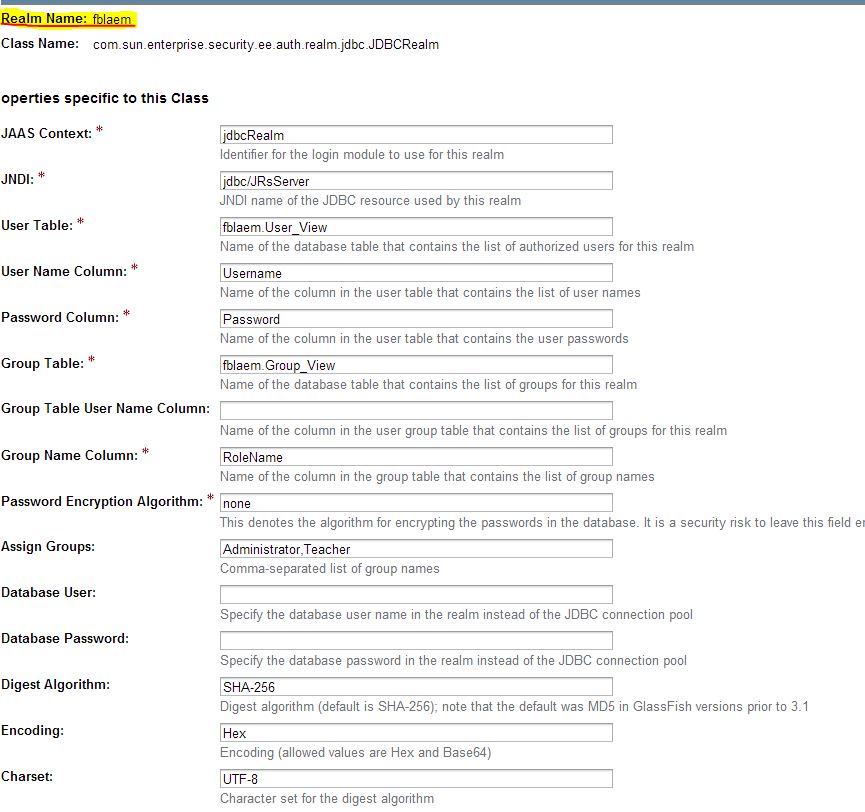
x.      Group Name Column = RoleName

xi.      Password Encryption Algorithm = none

1. Not as insecure as it sounds

xii.      Assign Groups = Administrator,Teacher

xiii.      Digest Algorithm = SHA-256



|  |
| --- |
| **Preston Taylor**   |   System Manager 2   |   [MarketStar](http://www.marketstar.com/)   |   People + Knowledge Accelerating Sales |
| **e**  [ptaylor@marketstar.com](mailto:ptaylor@marketstar.com)   |   **w**  801.786.5210   |   **f**  801.393.4115  |   **c**  801.309.3110 |