

# DataSourceRealm and TomEE DataSource

Example realm-in-tomee can be browsed at  
<https://github.com/apache/tomee/tree/master/examples/realm-in-tomee>

## Quick start

To test it:

```
mvn clean package tomee:run
```

## How does it work?

A datasource is defined in tomee.xml:

```
<Resource id="myDataSource" type="DataSource" /> <!-- standard properties -->
```

Then this datasource is referenced in server.xml:

```
<Realm  
  className="org.apache.catalina.realm.DataSourceRealm"  
  dataSourceName="myDataSource"  
  userTable="users"  
  userNameCol="user_name"  
  userCredCol="user_pass"  
  userRoleTable="user_roles"  
  roleNameCol="role_name"/>
```

To initialize the datasource (for the test) we used the TomEE hook which consists in providing a file `import-<datasource name>.sql`. It should be in the classpath of the datasource so here it is the TomEE classpath so we added it to lib (by default in the classloader). It simply contains the table creations and the insertion of the "admin" "tomee" with the password "tomee".

## Test it

Go to `http://localhost:8080/realm-in-tomee-1.1.0-SNAPSHOT/`, then connect using the login/password `tomee/tomee`. You should see "Home".