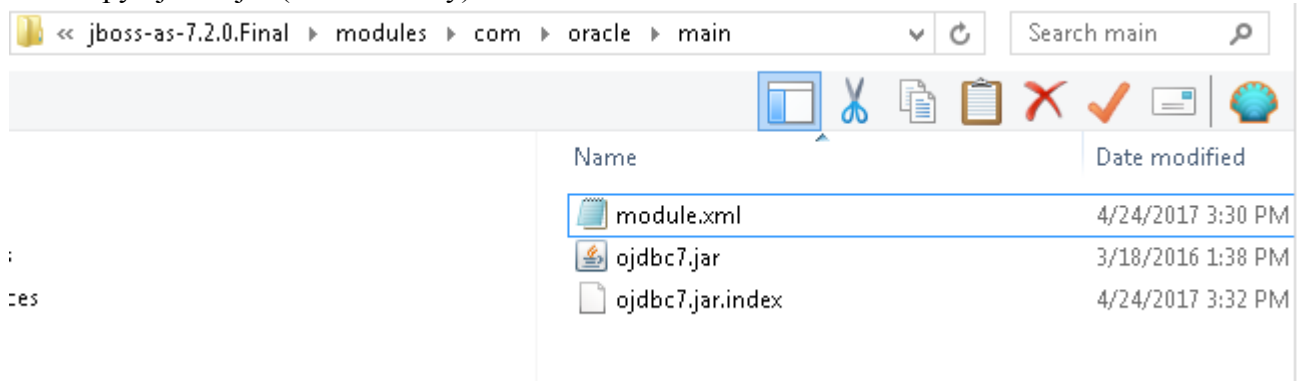


1. Configure JNDI data source in JBOSS

Add oracle library in JBOSS server:

In modules folder: create new folder **com/pcc/oracle/main**

- Copy ojdbc7.jar (oracle library) into this folder



- Create file module.xml with below content:

```
<?xml version="1.0" encoding="UTF-8"?>
<module xmlns="urn:jboss:module:1.0" name="com.oracle">
  <resources>
    <resource-root path="ojdbc7.jar"/>
  </resources>
  <dependencies>
    <module name="javax.api"/>
    <module name="javax.transaction.api"/>
  </dependencies>
</module>
```

Open standalone.xml file and add below new data-source like bellow:

```
standalone.xml
109
110 <datasources>
111     <datasource jndi-name="java:jboss/datasources/ExampleDS" pool-name="ExampleDS" enabled="true" >
112         <connection-url>jdbc:h2:mem:test;DB_CLOSE_DELAY=-1</connection-url>
113         <driver>h2</driver>
114         <security>
115             <user-name>sa</user-name>
116             <password>sa</password>
117         </security>
118     </datasource>
119
120     <datasource jndi-name="java:jboss/jdbc/tq" pool-name="tq" enabled="true">
121         <connection-url>jdbc:oracle:thin:@172.21.6.30:1521:orcl</connection-url>
122         <driver-class>oracle.jdbc.OracleDriver</driver-class>
123         <driver>oracle</driver>
124         <security>
125             <user-name>pcn</user-name>
126             <password>epcn</password>
127         </security>
128     </datasource>
129
130     <datasource jndi-name="java:jboss/jdbc/authentication" pool-name="authentication" enabled="true">
131         <connection-url>jdbc:oracle:thin:@172.21.6.30:1521:orcl</connection-url>
132         <driver-class>oracle.jdbc.OracleDriver</driver-class>
133         <driver>oracle</driver>
134         <security>
135             <user-name>bg1</user-name>
136             <password>epcnbg1</password>
137         </security>
138     </datasource>
139
140 <drivers>
141     <driver name="h2" module="com.h2database.h2">
142         <xa-datasource-class>org.h2.jdbcx.JdbcDataSource</xa-datasource-class>
143     </driver>
144     <driver name="oracle" module="com.oracle">
145         <driver-class>oracle.jdbc.driver.OracleDriver</driver-class>
146         <xa-datasource-class>oracle.jdbc.xa.client.OracleXADataSource</xa-datasource-class>
147     </driver>
148 </drivers>
149 </datasources>
```

2. In file Connection of Java Code, change the way to call JDNI in JBOSS:

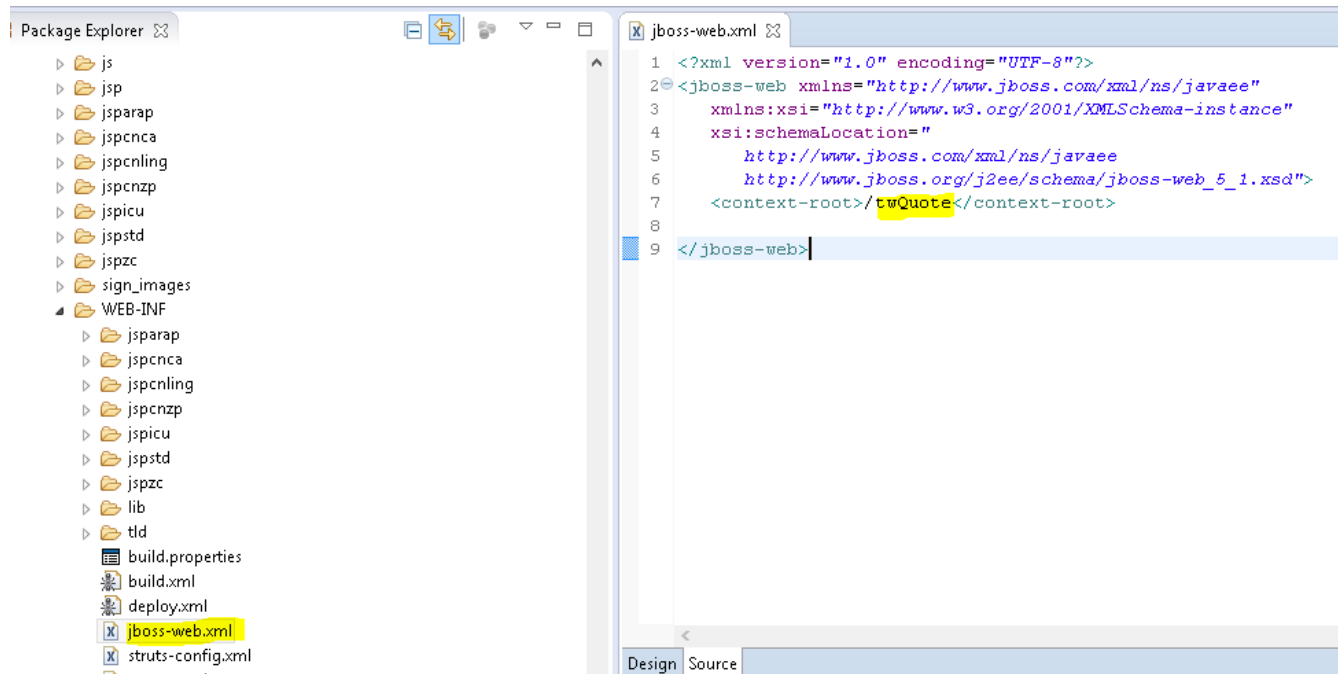
```
*DBConnecti... Loadlogview... Logview.class display.class widget.tld LangCharset... ConvertDBEnc...
49     setDataSource(s);
50 } catch (IpwException e) {
51     //e.printStackTrace();
52     logger.error(e.toString());
53 }
54 }
55
56 private void setDataSource(String datasource) throws IpwException{
57
58     try {
59         this.datasource = datasource.trim();
60
61         Context initContext = new InitialContext();
62         //Context envContext = (Context)initContext.lookup("java:/comp/env");//tomcat
63         Context envContext = (Context)initContext.lookup("java:jboss");
64         DataSource ds = (DataSource)envContext.lookup("jdbc/" + this.datasource);
65         dbConn = (Connection)ds.getConnection();
66         establish = true;
67
68     } catch (NamingException ex) {
69         //throw new IpwException("JNDI GlobalNamingResources 錯誤,原因: " + ex.getMessage());
70         logger.error("JNDI GlobalNamingResources 錯誤,原因: " + ex.toString());
71
72     } catch (SQLException ex) {
73         //throw new IpwException("無法連到資料庫,原因: " + ex.getMessage());
74         logger.error("無法連到資料庫,原因: " + ex.toString());
75     }
```

3. Change the project link (optional)

The default link of project is The name of project: example: <http://172.21.6.194:8084/twQuote>

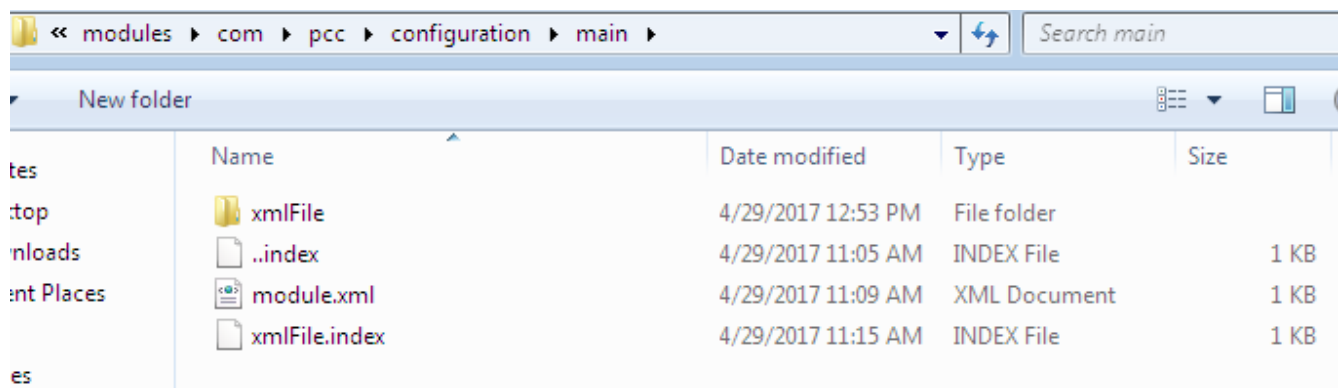
twQuote: The project name

if you want to change the default, you can add a new jboss-web.xml in WEB-INF folder and set the name that you want in tag `<context-root>`



4. Modify to let project read xml files from JBOSS's folder

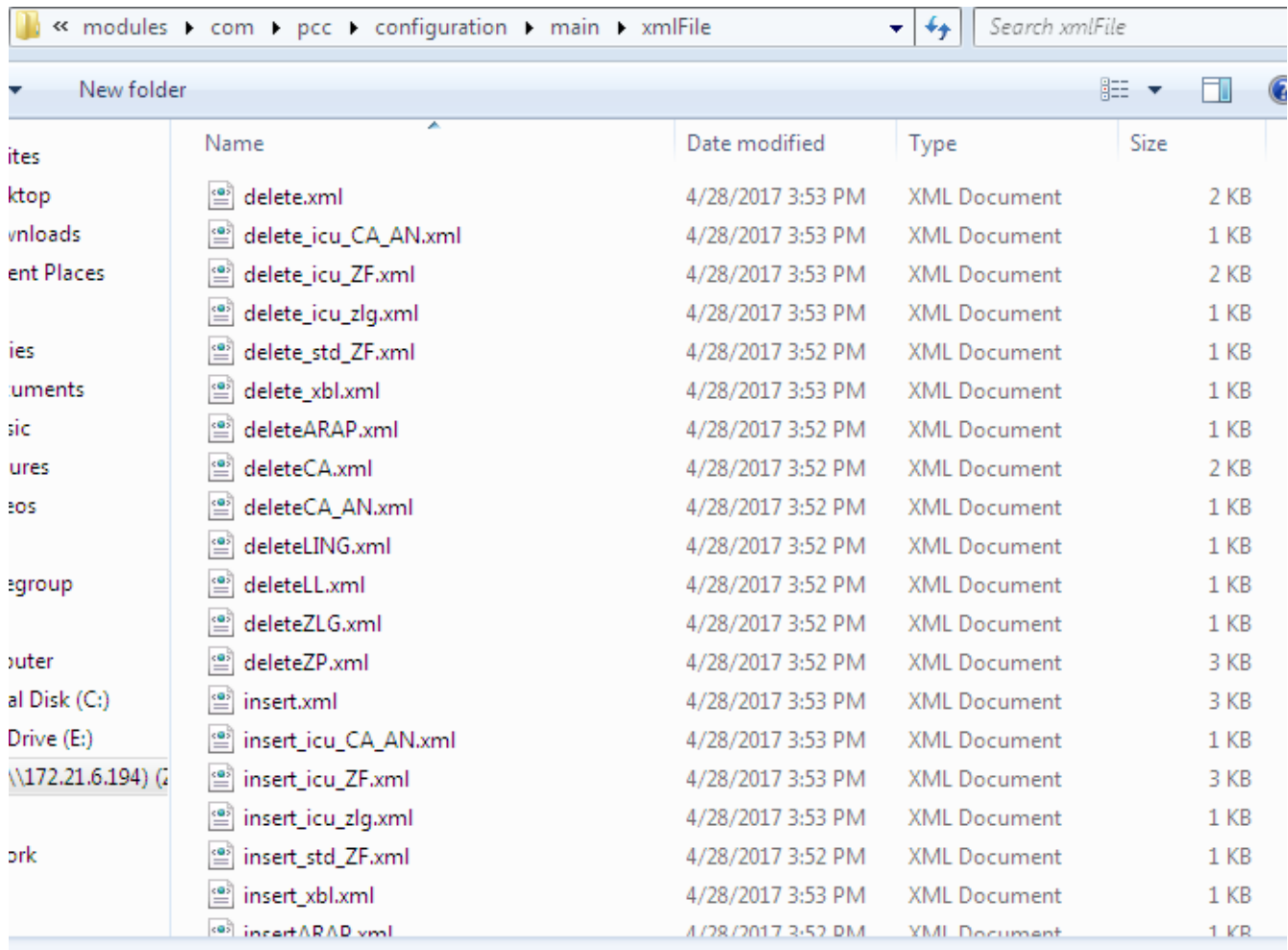
In `modules` folder , continue create new folder: `com/pcc/configuration/main`



Module.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<module xmlns="urn:jboss:module:1.1" name="com.pcc.configuration">
  <resources>
    <resource-root path="xmlFile"/>
  </resources>
</module>
```

- Create folder xmlFile contains all sql xml files like this:



Name	Date modified	Type	Size
delete.xml	4/28/2017 3:53 PM	XML Document	2 KB
delete_icu_CA_AN.xml	4/28/2017 3:53 PM	XML Document	1 KB
delete_icu_ZF.xml	4/28/2017 3:53 PM	XML Document	2 KB
delete_icu_zlg.xml	4/28/2017 3:53 PM	XML Document	1 KB
delete_std_ZF.xml	4/28/2017 3:52 PM	XML Document	1 KB
delete_xbl.xml	4/28/2017 3:53 PM	XML Document	1 KB
deleteARAP.xml	4/28/2017 3:52 PM	XML Document	1 KB
deleteCA.xml	4/28/2017 3:52 PM	XML Document	2 KB
deleteCA_AN.xml	4/28/2017 3:52 PM	XML Document	1 KB
deleteLING.xml	4/28/2017 3:52 PM	XML Document	1 KB
deleteLL.xml	4/28/2017 3:52 PM	XML Document	1 KB
deleteZLG.xml	4/28/2017 3:52 PM	XML Document	1 KB
deleteZP.xml	4/28/2017 3:52 PM	XML Document	3 KB
insert.xml	4/28/2017 3:53 PM	XML Document	3 KB
insert_icu_CA_AN.xml	4/28/2017 3:53 PM	XML Document	1 KB
insert_icu_ZF.xml	4/28/2017 3:53 PM	XML Document	3 KB
insert_icu_zlg.xml	4/28/2017 3:53 PM	XML Document	1 KB
insert_std_ZF.xml	4/28/2017 3:52 PM	XML Document	1 KB
insert_xbl.xml	4/28/2017 3:53 PM	XML Document	1 KB
insertARAP.xml	4/28/2017 3:52 PM	XML Document	1 KB

- In Java project create file: [jboss-deployment-structure.xml](#) with bellow content:

Package Explorer

- css
- images
- img
- js
- jsp
- jsparap
- jspcnca
- jspcnling
- jspcnzp
- jspicu
- jspstd
- jspzc
- sign_images
- WEB-INF
 - jsparap
 - jspcnca
 - jspcnling
 - jspcnzp
 - jspicu
 - jspstd
 - jspzc
 - lib
 - tld
 - build.properties
 - build.xml
 - deploy.xml
 - jboss-deployment-structure.xml**
 - jboss-web.xml
 - struts-config.xml

MyEclipse Editor

1 Mt_curr_rate.java 2 jboss-deployment-structure.xml

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <jboss-deployment-structure>
3   <deployment>
4     <exclusions>
5       <module name="org.apache.commons.logging" />
6     </exclusions>
7     <dependencies>
8       <module name="com.pcc.configuration" />
9     </dependencies>
10  </deployment>
11 </jboss-deployment-structure>
```

Design Source

Problems Javadoc Declaration Search Console Progress Server

-----DONE-----