**1. Requirements**

- SpringSource Tool Suite 2.5.1

- Apache Tomcat 6.0.29

- Apache Maven 2.2.1

- Oracle 11g

**2. Preparing database**

a) Create tablespaces:

CREATE TABLESPACE PRJ\_DAT DATAFILE 'D:\APP*\%your\_username%\*ORADATA\ORCL\prj\_dat.dbf' SIZE 50M EXTENT MANAGEMENT LOCAL AUTOALLOCATE;

CREATE TABLESPACE PRJ\_TEST\_DAT DATAFILE 'D:\APP*\%your\_username%\*ORADATA\ORCL\prj\_test\_dat.dbf' SIZE 50M EXTENT MANAGEMENT LOCAL AUTOALLOCATE;

b) Create user's profile:

CREATE PROFILE prj\_profile LIMIT PASSWORD\_LIFE\_TIME UNLIMITED PASSWORD\_REUSE\_MAX UNLIMITED PASSWORD\_REUSE\_TIME UNLIMITED FAILED\_LOGIN\_ATTEMPTS 10;

c) create users:

create user PRJ identified by project default tablespace PRJ\_DAT temporary tablespace temp profile prj\_profile;

create user PRJ\_TEST identified by project default tablespace PRJ\_TEST\_DAT temporary tablespace temp profile prj\_profile;

**3. Configuring project:**

1. Open *context.xml* (project/src/main/webapp/META-INF/context.xml) and replace the parts highlighted bellow for properly connect to database:

<Resource auth=*"Container"* description=*"Project DS"*

driverClassName=*"oracle.jdbc.driver.OracleDriver"* maxActive=*"4"*

maxIdle=*"2"* maxWait=*"5000"* name=*"jdbc/project"* password=*"project"*

type=*"javax.sql.DataSource"* url=*"jdbc:oracle:thin:@localhost:1521:ORCL"*

username=*"PRJ"* validationQuery=*"select 1 from dual"* />

2. Open *test-datasource-config.xml* (project/src/test/resources/spring-config/ test-datasource-config.xml) and replace the parts highlighted bellow for properly connect to database for integration tests:

<bean id=*"dataSource"* class=*"org.apache.commons.dbcp.BasicDataSource"*

destroy-method=*"close"*>

<property name=*"driverClassName"* value=*"oracle.jdbc.driver.OracleDriver"* />

<property name=*"url"* value=*"jdbc:oracle:thin:@localhost:1521:ORCL"* />

<property name=*"username"* value=*"PRJ\_TEST"* />

<property name=*"password"* value=*"project"* />

</bean>

**4. Others:**

Copy the oracle database driver (*ojdbc6.jar*) from *project\opt-jars* to *%tomcat%/lib*

From command line go to project root and run:

mvn clean install -DskipTests

mvn eclipse:eclipse

Open STS and import the project using Import Existing Maven Projects option.