

## CR -S2 JDBC+Dao FUN JEE

**screen7** → [https://gdufrene.github.io/mooc\\_je\\_spring/jdbc.html](https://gdufrene.github.io/mooc_je_spring/jdbc.html)

```
\*architecture*\
webapps
  \_ screen7JDBCDAO  -- myapp
    \_ WEB-INF
      \_ lib
        \_ sqlite-jdbc-3.23.1.jar
      \_ sql
        \_ BddPersons.db
        \_ Persons.sql
      \_ jsp
        \_ personlist.jsp
      \_ classes  -- classes compilées
      \_ src      -- --classes java
        \_ person -- cmd compile
          \_ dao
            \_ PersonDao.java
            \_ PersonDaoImpl.java
          \_ modele
            \_ Personne.java
            \_ personTestp.bat
            \_ personServletp.bat
          \_ PersonServlet.java
          \_ PersonTest.java
          \_ personTests.bat
          \_ personServlets.bat
```

→ **webapps** est la racine du projet **myapp= screen7JDBCDAO**

→ **urlWeb= <http://localhost:8080/screen7JDBCDAO/personlist>**

```
\* construire BDD BddPersons.db *\
...WEB-INF\sql$> sqlite3 BddPersons.db
sqlite $> .read persons.sql
```

### persons.sql

```
CREATE TABLE persons(
  id int not null primary key,
  nom varchar(80),
  prenom varchar(80),
  age int );
INSERT INTO persons VALUES (1,'Hôteuxterre','Jérémy', 15) ;
INSERT INTO persons VALUES (2,'Prâles','Aloïs', 25) ;
INSERT INTO persons VALUES (3,'Dufrêne','Guillaume', 35) ;
INSERT INTO persons VALUES (4,'Senturier','Lionel', 45) ;
INSERT INTO persons VALUES (5,'Garaix','Michel', 55) ;
INSERT INTO persons VALUES (6,'Merstäns','Wim', 65) ;
INSERT * FROM persons ;
```

installer le fichier **BddPersons.db** dans **cheminDB**

\*\*\* par defaut de tomcat **cheminDB= C:\MesAppli\TOMCAT9\bin\BddPersons.db** \*\*\*

**cd C:\MesAppli\TOMCAT9\apache-tomcat-9.0.44\webapps\myapp\WEB-INF\myapp\src\**

```
\* TEST PersonTest --- lancer src$ personTests.bat *\
```

```
javac -d ..\classes -cp person person\dao\PersonDaoImpl.java
person\PersonTest.java
java -cp ..\classes;..\lib\sqlite-jdbc-3.23.1.jar person.PersonTest
```

**TEST web PersonServlet --- lancer src\$ personServlets.bat**

```
--- compiler personServlet.java
javac -d ..\classes -cp person person\dao\PersonDaoImpl.jav
javac -d ..\classes -cp ..\classes;C:\MesAppli\TOMCAT9\apache-tomcat-
9.0.44\lib\servlet-api.jar person\PersonServlet.java
--- relancer tomcat
cd ../../../../bin
catalina.bat run

curl -> urlWeb
```

////////////////////////////////////

cd C:\MesAppli\TOMCAT9\apache-tomcat-9.0.44\webapps\myapp\WEB-INF\src\ person

**TEST PersonTest --- lancer src\person\$ personTestp.bat**

```
javac -d ..\..\classes PersonTest.java
java -cp ..\..\classes;..\..\lib\sqlite-jdbc-3.23.1.jar person.PersonTest
```

**TEST web PersonServlet.java --- lancer src\person\$ personServletp.bat**

```
--- compiler PersonServlet.java
javac -d ..\..\classes dao\PersonDaoImpl.java
javac -d ..\..\classes -cp ..\..\classes;C:\MesAppli\TOMCAT9\apache-tomcat-
9.0.44\lib\servlet-api.jar PersonServlet.java
--- relancer tomcat
cd ../../../../bin
catalina.bat run

curl -> urlWeb
```