1. **在JavaBean中实现对数据库的两种连接方式：JDBC-ODBC桥、纯Java驱动，并在JSP中调用；**

**建议：连接数据库的功能请封装在一个Java文件中，两种连接方式的都是。文件中利用方法实现连接，输出连接对象，当连接对象不为空时代表连接成功。（参考第九章书本）**

**DbBean.java**

**package** sy10;

**import** java.sql.\*;

**import** java.io.\*;

**public** **class** DbBean **implements** Serializable

{

**private** String url;

**private** String name;

**private** String password;

**public** DbBean()

{

**try**

{

Class.*forName*("com.mysql.jdbc.Driver");

}

**catch**(ClassNotFoundException ex)

{

**throw** **new** RuntimeException(ex);

}

}

**public** **boolean** isConnectedOK()

{

**boolean** ok=**false**;

Connection conn=**null**;

SQLException ex=**null**;

**try**

{

conn=DriverManager.*getConnection*(url,name,password);

**if**(!conn.isClosed())

{

ok=**true**;

}

}

**catch**(SQLException e)

{

ex=e;

}

**finally**

{

**if**(conn!=**null**)

{

**try**

{

conn.close();

}

**catch**(SQLException e)

{

**if**(ex==**null**)

ex=e;

}

}

**if**(ex!=**null**)

{

**throw** **new** RuntimeException(ex);

}

}

**return** ok;

}

**public** **void** setUrl(String url) {

**this**.url = url;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **void** setPassword(String password) {

**this**.password = password;

}

}

**Conn.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"* pageEncoding=*"UTF-8"*%>

<%@taglib prefix=*"c"* uri=*"http://java.sun.com/jsp/jstl/core"*%>

<jsp:useBean id=*"db"* class=*"sy10.DbBean"*></jsp:useBean>

<c:set target=*"*${db}*"* property=*"url"* value=*"jdbc:mysql://localhost:3306/test"*></c:set>

<c:set target=*"*${db}*"* property=*"name"* value=*"root"*></c:set>

<c:set target=*"*${db}*"* property=*"password"* value=*""*></c:set>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>测试数据库连接</title>

</head>

<body>

<c:choose>

<c:when test=*"*${db.connectedOK}*"*>连接成功！</c:when>

<c:otherwise>连接失败！</c:otherwise>

</c:choose>

</body>

</html>

