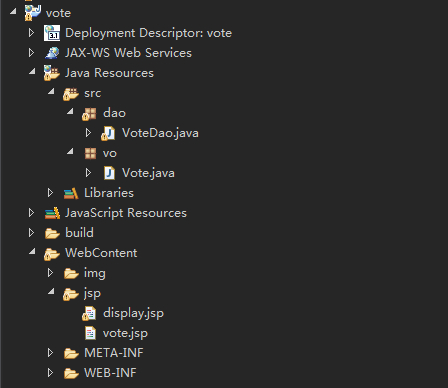
### 2019.07.15学习笔记(a.m)

**今天做了一个投票系统，相关代码如下所示：**

**1.目录结构：**



**2.本系统共4个文件，2个Java文件，2个JSP文件**

**1）Java文件（VoteDao.java和Vote.java）**

**package dao;**

**import java.sql.DriverManager;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import java.sql.Statement;**

**import java.util.ArrayList;**

**import com.mysql.jdbc.Connection;**

**import vo.Vote;**

**public class VoteDao {**

**private Connection conn = null;**

**public void initConnection() throws Exception {**

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

**conn = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/vote", "root", "root");**

**}**

**// 返回所有教师及其得票数**

**public ArrayList getAllVotes() throws Exception {**

**ArrayList al = new ArrayList();**

**initConnection();**

**String sql = "select t\_id,t\_name,t\_vote from vote";**

**Statement stat = conn.createStatement();**

**ResultSet rs = stat.executeQuery(sql);**

**while (rs.next()) {**

**Vote vote = new Vote();**

**vote.setTeacherno(rs.getString("t\_id"));**

**vote.setTeachername(rs.getString("t\_name"));**

**vote.setVotenumber(rs.getInt("t\_vote"));**

**al.add(vote);**

**}**

**closeConnection();**

**return al;**

**}**

**// 修改某些老师的票数**

**public void updateVotes(String[] teacherno) throws Exception {**

**initConnection();**

**String sql = "update vote set t\_vote=t\_vote+1 where t\_id=?";**

**PreparedStatement ps = conn.prepareStatement(sql);**

**for (int i = 0; i < teacherno.length; i++) {**

**ps.setString(1, teacherno[i]);**

**ps.executeUpdate();**

**}**

**closeConnection();**

**}**

**public void closeConnection() throws Exception {**

**conn.close();**

**}**

**}**

**VoteDao.java源文件**

**package vo;**

**public class Vote {**

**private String teacherno;**

**private String teachername;**

**private int votenumber;**

**public String getTeacherno() {**

**return teacherno;**

**}**

**public void setTeacherno(String teacherno) {**

**this.teacherno = teacherno;**

**}**

**public String getTeachername() {**

**return teachername;**

**}**

**public void setTeachername(String teachername) {**

**this.teachername = teachername;**

**}**

**public int getVotenumber() {**

**return votenumber;**

**}**

**public void setVotenumber(int votenumber) {**

**this.votenumber = votenumber;**

**Vote.java源文件**

1. **JSP文件（display.jsp和vote.jsp）**

**<%@ page language="java" import="java.util.\*"**

**contentType="text/html; charset=utf-8" pageEncoding="utf-8"%>**

**<%@ page import="dao.VoteDao"%>**

**<%@page import="vo.Vote"%>**

**<!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>投票系统</title>**

**</head>**

**<body>**

**<form action="vote.jsp" method="post">**

**<table align="center">**

**<caption>**

**欢迎给喜欢的老师投票<input type="submit" value="提交投票">**

**</caption>**

**<tr bgcolor="yellow">**

**<td>编号</td>**

**<td>姓名</td>**

**<td>得票数</td>**

**<td>投票</td>**

**</tr>**

**<%**

**VoteDao vdao = new VoteDao();**

**ArrayList votes = vdao.getAllVotes();**

**for (int i = 0; i < votes.size(); i++) {**

**Vote vote = (Vote) votes.get(i);**

**%>**

**<tr bgcolor="pink">**

**<td><%=vote.getTeacherno()%></td>**

**<td><%=vote.getTeachername()%></td>**

**<td><img src="img/bar.png" width="<%=vote.getVotenumber()%>"**

**height="10"><%=vote.getVotenumber()%></td>**

**<td><input name="teacherno" type="checkbox"**

**value="<%=vote.getTeacherno()%>"></td>**

**</tr>**

**<%**

**}**

**%>**

**</table>**

**</form>**

**</body>**

**</html>**

**display.jsp源文件**

**}<%@ page language="java" import="java.sql.\*"**

**contentType="text/html; charset=utf-8" pageEncoding="utf-8"%>**

**<%@page import="dao.VoteDao"%>**

**<!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>Insert title here</title>**

**</head>**

**<body>**

**<%**

**String[] teacherno = request.getParameterValues("teacherno");**

**VoteDao vdao = new VoteDao();**

**vdao.updateVotes(teacherno);**

**%>**

**<jsp:forward** **page="display.jsp"></jsp:forward>**

**</body>**

**</html>**

**vote.jsp源文件**

1. **学到的内容**
2. **创建一个web项目，java代码应该写到src目录下，表现层的东西应该写到WebContent目录下（包括jsp文件，图片文件等）**

}