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网址：<http://oneseek.cn/springmvc/>

全部源代码：

<https://gitee.com/Chuangzw/JavaEE_Learn/tree/master/%E5%B7%A5%E7%A8%8B/springmvc>

关键源代码：

# Pom.xml ：管理jar包

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>cn.oneseek</groupId>

<artifactId>springmvc</artifactId>

<version>1.0-SNAPSHOT</version>

<packaging>war</packaging>

<name>springmvc Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://www.example.com</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.7</maven.compiler.source>

<maven.compiler.target>1.7</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>commons-logging</groupId>

<artifactId>commons-logging</artifactId>

<version>1.2</version>

</dependency>

<dependency>

<groupId>jstl</groupId>

<artifactId>jstl</artifactId>

<version>1.2</version>

</dependency>

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.17</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-aop</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-beans</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-core</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-expression</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-web</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>5.1.9.RELEASE</version>

</dependency>

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>javax.servlet-api</artifactId>

<version>4.0.1</version>

</dependency>

</dependencies>

<build>

<finalName>springmvc</finalName>

<pluginManagement><!-- lock down plugins versions to avoid using Maven defaults (may be moved to parent pom) -->

<plugins>

<plugin>

<artifactId>maven-clean-plugin</artifactId>

<version>3.1.0</version>

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin\_bindings\_for\_war\_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.1</version>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

</plugins>

</pluginManagement>

</build>

</project>

# Web.xml : 配置文件

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd" id="WebApp\_ID" version="3.1">

<display-name>spring-mvc</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<!-- 解决POST乱码问题 -->

<filter>

<filter-name>characterEncoding</filter-name>

<filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>

<init-param>

<param-name>encoding</param-name>

<param-value>UTF-8</param-value>

</init-param>

</filter>

<filter-mapping>

<filter-name>characterEncoding</filter-name>

<url-pattern>/\*</url-pattern>

</filter-mapping>

<servlet>

<servlet-name>spring-mvc</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>

<init-param>

<param-name>contextConfigLocation</param-name>

<param-value>classpath:spring-mvc.xml</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>spring-mvc</servlet-name>

<url-pattern>\*.do</url-pattern>

</servlet-mapping>

</web-app>

# 学生jsp页面：list.Jsp 其他学生页面及班级类似

连接改为controller里的配置的@RequestMapping

<td><a href="${basePath}/student/edit.do?id=${student.id}">修改</a></td>

<td><a href="${basePath}/student/delete.do?id=${student.id}" onclick="return confirm('确实要删除该记录吗?')">删除</a></td>

<tr>

</c:forEach>

</table>

<a href="${basePath}/student/preadd.do">添加学生</a>

# Spring-mvc.xml

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns:p="http://www.springframework.org/schema/p"

xmlns:context="http://www.springframework.org/schema/context"

xsi:schemaLocation="

http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans.xsd

http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context.xsd">

<!-- 使用扫描注解的包，包括子集 -->

<context:component-scan base-package="controller"/>

<!-- 视图解析器 -->

<!--将视图逻辑 名解析为: /WEB-INF/jsp/<viewName>.jsp -->

<bean id="viewResolver"

class="org.springframework.web.servlet.view.InternalResourceViewResolver">

<property name="prefix" value="/WEB-INF/"></property>

<property name="suffix" value=".jsp"></property>

</bean>

</beans>

# StudnetController.java配置控制器 班级类似

package controller;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import dao.BjDao;

import dao.StudentDao;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import org.springframework.web.bind.annotation.RequestMapping;

import vo.Bj;

import vo.Student;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@Controller

@RequestMapping("/student")

public class StudentController {

StudentDao studentDao = new StudentDao();

@RequestMapping("/preadd")

public void preadd(HttpServletRequest request, HttpServletResponse response) {

response.setContentType("text/html;charset=UTF-8");

BjDao bjDao=new BjDao();

List<Bj> bjList;

try {

bjList = bjDao.queryAll();

request.setAttribute("bjList", bjList);

request.getRequestDispatcher("/WEB-INF/student/add.jsp").forward(request, response);

} catch (Exception e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

@RequestMapping("/list")

public void list(HttpServletRequest request, HttpServletResponse response){

response.setContentType("text/html;charset=UTF-8");

try {

List<Student> studentList=studentDao.queryAll();

request.setAttribute("studentList",studentList);

request.getRequestDispatcher("/WEB-INF/student/list.jsp").forward(request, response);

} catch (Exception e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

@RequestMapping("/add")

public void add(HttpServletRequest request, HttpServletResponse response){

PrintWriter out=null;

response.setContentType("text/html;charset=UTF-8");

try {

out=response.getWriter();

Student student=new Student();

student.setSno(request.getParameter("sno"));

student.setSname(request.getParameter("sname"));

student.setSex(request.getParameter("sex"));

student.setBj(new Bj(Integer.parseInt(request.getParameter("bjid"))));

studentDao.add(student);

out.print("添加成功");

} catch (Exception e) {

// TODO Auto-generated catch block

out.print("数据库操作异常或学号重复！");

e.printStackTrace();

}

}

@RequestMapping("/edit")

public void edit(HttpServletRequest request, HttpServletResponse response){

PrintWriter out=null;

response.setContentType("text/html;charset=UTF-8");

try {

out=response.getWriter();

Student student=studentDao.findStudentById(Integer.parseInt(request.getParameter("id")));

request.setAttribute("student",student);

BjDao bjDao=new BjDao();

List<Bj> bjList=bjDao.queryAll();

request.setAttribute("bjList", bjList);

request.getRequestDispatcher("/WEB-INF/student/edit.jsp").forward(request, response);

} catch (Exception e) {

// TODO Auto-generated catch block

out.print("数据库操作异常或学号重复！");

e.printStackTrace();

}

}

@RequestMapping("/update")

public void update(HttpServletRequest request, HttpServletResponse response){

PrintWriter out=null;

response.setContentType("text/html;charset=UTF-8");

try {out=response.getWriter();

Student student=new Student();

student.setId(Integer.parseInt(request.getParameter("id")));

student.setSno(request.getParameter("sno"));

student.setSname(request.getParameter("sname"));

student.setSex(request.getParameter("sex"));

student.setBj(new Bj(Integer.parseInt(request.getParameter("bjid"))));

studentDao.update(student);

out.print("修改成功");

} catch (Exception e) {

// TODO Auto-generated catch block

out.print("数据库操作异常或学号重复！");

e.printStackTrace();

}

}

@RequestMapping("/delete")

public void delete(HttpServletRequest request, HttpServletResponse response){

response.setContentType("text/html;charset=UTF-8");

try {

studentDao.delete(Integer.parseInt(request.getParameter("id")));

//request.getRequestDispatcher("/studentServlet?action=list").forward(request, response);

List<Student> studentList=studentDao.queryAll();

request.setAttribute("studentList",studentList);

request.getRequestDispatcher("/WEB-INF/student/list.jsp").forward(request, response);

} catch (Exception e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}