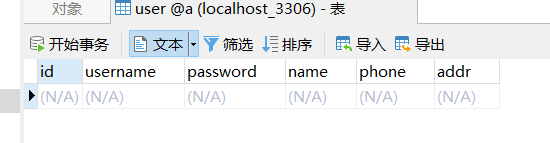
名称:基于SSM框架整合的用户管理模块

提交:基于SSM框架整合的用户管理模块

创建用户表user(id,username,password,name,phone,addr)

使用SSM整合采用MVC实现user表的增加,列表,修改回显,修改,删除

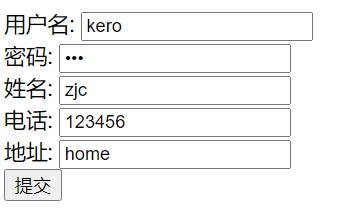
创建用户表user(id,username,password,name,phone,addr)

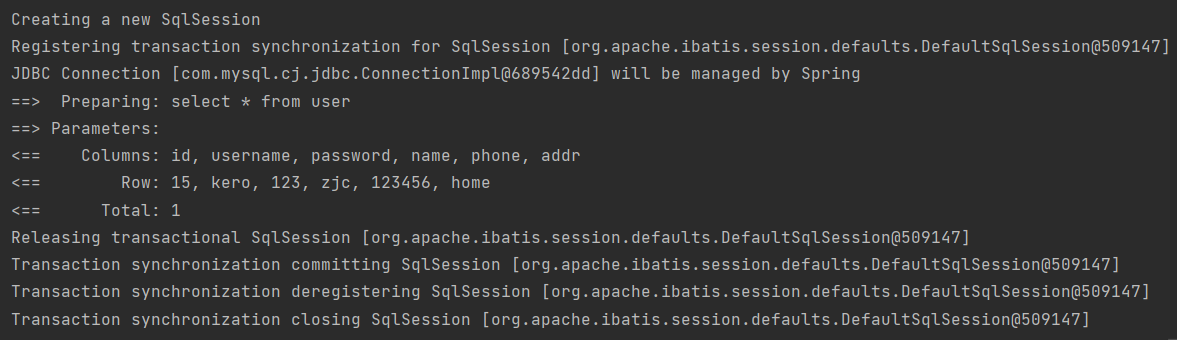


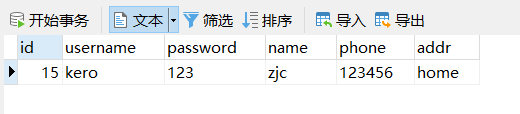
使用jsp+servlet+mybatis采用MVC实现user表的增加

模拟效果图:

增加用户（如下）：



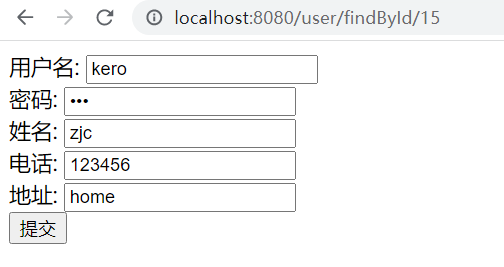




用户表单中：



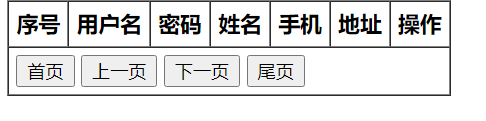
修改信息：



如将电话改为666666：



删除用户：

（已删除）

多增加几个用户：



实验步骤：

1. 创建工程并完成前期配置
2. 配置web.xml

|  |
| --- |
| *<?***xml version="1.0" encoding="UTF-8"***?>* <**web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"  version="4.0"**>  *<!--配置父容器-->* <**context-param**>  <**param-name**>contextConfigLocation</**param-name**>  <**param-value**>classpath:applicationContext.xml</**param-value**>  </**context-param**>  <**listener**>  <**listener-class**>org.springframework.web.context.ContextLoaderListener</**listener-class**>  </**listener**>  *<!--配置编码过滤器-->* <**filter**>  <**filter-name**>EncodingFilter</**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**>EncodingFilter</**filter-name**>  <**url-pattern**>/\*</**url-pattern**>  </**filter-mapping**>  *<!--配置子容器-->* <**servlet**>  <**servlet-name**>springmvc</**servlet-name**>  <**servlet-class**>org.springframework.web.servlet.DispatcherServlet</**servlet-class**>  <**init-param**>  <**param-name**>contextConfigLocation</**param-name**>  <**param-value**>classpath:springmvc.xml</**param-value**>  </**init-param**>  </**servlet**>  <**servlet-mapping**>  <**servlet-name**>springmvc</**servlet-name**>  <**url-pattern**>/</**url-pattern**>  </**servlet-mapping**>  </**web-app**> |

3.配置applicationContext.xml与springmvc.xml,mybatis.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:context="http://www.springframework.org/schema/context"  xmlns:aop="http://www.springframework.org/schema/aop"  xmlns:tx="http://www.springframework.org/schema/tx"  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  http://www.springframework.org/schema/tx http://www.springframework.org/schema/tx/spring-tx.xsd  http://www.springframework.org/schema/aop http://www.springframework.org/schema/aop/spring-aop.xsd  "**>  <**context:component-scan base-package="com.tjetc.service"**></**context:component-scan**>  *<!--数据源:DruidDataSource数据库连接池-->* <**bean id="dataSource" class="com.alibaba.druid.pool.DruidDataSource"**>  <**property name="driverClassName" value="com.mysql.cj.jdbc.Driver"**></**property**>  <**property name="url" value="jdbc:mysql:///a?serverTimezone=GMT%2B8&amp;characterEncoding=utf-8"**></**property**>  <**property name="username" value="root"**></**property**>  <**property name="password" value="123456"**></**property**>  </**bean**>  *<!--Sql会话-->* <**bean id="sqlSession" class="org.mybatis.spring.SqlSessionFactoryBean"**>  <**property name="configLocation" value="classpath:mybatis.xml"**></**property**>  <**property name="dataSource" ref="dataSource"**></**property**>  </**bean**>  *<!--扫描mapper接口-->* <**bean class="org.mybatis.spring.mapper.MapperScannerConfigurer"**>  <**property name="sqlSessionFactoryBeanName" value="sqlSession"**></**property**>  <**property name="basePackage" value="com.tjetc.dao"**></**property**>  </**bean**>  *<!--事务管理器-->* <**bean id="transactionManager" class="org.springframework.jdbc.datasource.DataSourceTransactionManager"**>  <**property name="dataSource" ref="dataSource"**></**property**>  </**bean**>  *<!--配置事务增强-->* <**tx:advice id="txAdvice" transaction-manager="transactionManager"**>   <**tx:attributes**>  <**tx:method name="add\*" propagation="REQUIRED"**/>  <**tx:method name="update\*" propagation="REQUIRED"**/>  <**tx:method name="del\*" propagation="REQUIRED"**/>  <**tx:method name="\*" read-only="true"**/>  </**tx:attributes**>  </**tx:advice**>  *<!--Aop:config-->* <**aop:config**>  <**aop:pointcut id="mycut" expression="execution(\* com.tjetc.service..\*.\*(..))"**></**aop:pointcut**>  <**aop:advisor advice-ref="txAdvice" pointcut-ref="mycut"**></**aop:advisor**>  </**aop:config**> </**beans**>  *<?***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:context="http://www.springframework.org/schema/context"  xmlns:aop="http://www.springframework.org/schema/aop"  xmlns:mvc="http://www.springframework.org/schema/mvc"  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  http://www.springframework.org/schema/aop http://www.springframework.org/schema/aop/spring-aop.xsd  http://www.springframework.org/schema/mvc http://www.springframework.org/schema/mvc/spring-mvc.xsd  http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans.xsd "**>  <**context:component-scan base-package="com.tjetc.controller"**></**context:component-scan**>  <**mvc:annotation-driven**>  </**mvc:annotation-driven**>  <**mvc:default-servlet-handler**/>  <**bean id="viewResolver" class="org.springframework.web.servlet.view.InternalResourceViewResolver"**>  <**property name="viewClass" value="org.springframework.web.servlet.view.JstlView"**></**property**>  <**property name="prefix" value="/"**></**property**>  <**property name="suffix" value=".jsp"**></**property**>  </**bean**> </**beans**>  *<?***xml version="1.0" encoding="UTF-8"***?>* **<!DOCTYPE configuration  PUBLIC "-//mybatis.org//DTD Config 3.0//EN"  "http://mybatis.org/dtd/mybatis-3-config.dtd"*>*** <**configuration**>  <**settings**>  <**setting name="logImpl" value="STDOUT\_LOGGING"**/>  </**settings**>  <**typeAliases**>  <**package name="com.tjetc.domain"**/>  </**typeAliases**> </**configuration**> |

4创建数据表

5.mapper与mapper映射文件

|  |
| --- |
| **package** com.tjetc.dao;  **import** com.tjetc.domain.User;  **import** java.util.List;  **public interface** UserMapper {   **int** add(User user);   List<User> list();   User findById(Integer id);   **int** update(User user);   **int** del(Integer id); }  *<?***xml version="1.0" encoding="utf-8"** *?>* **<!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN" "http://mybatis.org/dtd/mybatis-3-mapper.dtd" *>*** <**mapper namespace="com.tjetc.dao.UserMapper"**>   <**insert id="add" parameterType="User"**>  insert into user (username,password,name,phone,addr)  values (#{username},#{password},#{name},#{phone},#{addr})  </**insert**>  <**update id="update" parameterType="User"**>  update user set username=#{username},password=#{password},name=#{name},phone=#{phone},addr=#{addr}  where id=#{id}  </**update**>  <**delete id="del" parameterType="int"**>  delete from user where id=#{id}  </**delete**>   <**select id="findById" parameterType="int" resultType="com.tjetc.domain.User"**>  select *\** from user where id=#{id}  </**select**>  <**select id="list" resultType="com.tjetc.domain.User"**>  select *\** from user  </**select**> </**mapper**> |

6.创建add.jsp,list.jsp,update.jsp

|  |
| --- |
| <%@ **page contentType**="**text/html;charset=UTF-8**" **language**="**java**" %> <**html**> <**head**>  <**title**>Title</**title**>  <**base href="${**pageContext.request.contextPath**}/"**/> </**head**> <**body**> <**form action="user/add" method="post"**>  用户名: <**input type="text" name="username"**> <**br**>  密码: <**input type="password" name="password"**> <**br**>  姓名: <**input type="text" name="name"**> <**br**>  电话: <**input type="number" name="phone"**> <**br**>  地址: <**input type="text" name="addr"**> <**br**>  <**input type="submit" value="提交"**> <**br**> </**form**> </**body**> </**html**>  <%@ **taglib prefix**="**c**" **uri**="**http://java.sun.com/jsp/jstl/core**" %> <%@ **page contentType**="**text/html;charset=UTF-8**" **language**="**java**" %> <**html**> <**head**>  <**title**>Title</**title**>  <**base href="${**pageContext.request.contextPath**}/"**/>  <**script**>  **function** *fenye*(curPage) {  ***location***.**href**=**"user/list?curPage="**+curPage+**"&username="**+***document***.getElementById(**"username"**).**value**;  }  **function** *update*(id) {  ***location***.**href**=**"user/findById/"**+id;  }  **function** *del*(id) {  **if** (*confirm*(**"你确认删除吗?"**)){  ***location***.**href**=**"user/del/"**+id;  }  }  </**script**> </**head**> <**body**> <**table border="1" cellspacing="0" cellpadding="5"**>  <**tr**>  <**th**>序号</**th**>  <**th**>用户名</**th**>  <**th**>密码</**th**>  <**th**>姓名</**th**>  <**th**>手机</**th**>  <**th**>地址</**th**>  <**th**>操作</**th**>  </**tr**>  <**c:forEach items="${**list**}" var="u"**>  <**tr**>  <**td**>**${**u.id**}**</**td**>  <**td**>**${**u.username**}**</**td**>  <**td**>**${**u.password**}**</**td**>  <**td**>**${**u.name**}**</**td**>  <**td**>**${**u.phone**}**</**td**>  <**td**>**${**u.addr**}**</**td**>  <**td**>  <**a href="/user/findById/${**u.id**}"**>修改</**a**>  <**a href="/user/del/${**u.id**}"**>删除</**a**>  </**td**>  </**tr**>  </**c:forEach**>  <**tr**>  <**td colspan="10"**>  <**button onclick="***fenye*(1)**"**>首页</**button**>  <**button onclick="***fenye*(**${**page.prePage**}**)**"**>上一页</**button**>  <**button onclick="***fenye*(**${**page.nextPage**}**)**"**>下一页</**button**>  <**button onclick="***fenye*(**${**page.pages**}**)**"**>尾页</**button**>  </**td**>  </**tr**> </**table**> </**body**> </**html**>  <%@ **page contentType**="**text/html;charset=UTF-8**" **language**="**java**" %> <**html**> <**head**>  <**title**>Title</**title**>  <**base href="${**pageContext.request.contextPath**}/"**/> </**head**> <**body**> <**form action="user/update" method="post"**>  <**input type="hidden" name="id" value="${**user.id**}"**>  用户名: <**input type="text" name="username" value="${**user.username**}"**> <**br**>  密码: <**input type="password" name="password" value="${**user.password**}"**> <**br**>  姓名: <**input type="text" name="name" value="${**user.name**}"**> <**br**>  电话: <**input type="number" name="phone" value="${**user.phone**}"**> <**br**>  地址: <**input type="text" name="addr" value="${**user.addr**}"**> <**br**>  <**input type="submit" value="提交"**> <**br**> </**form**> </**body**> </**html**> |

7.UserService和UserService映射文件

|  |
| --- |
| **package** com.tjetc.service;  **import** com.tjetc.domain.User;  **import** java.util.List;  **public interface** UserService {  **boolean** add(User user);   List<User> list();   User findById(Integer id);   **boolean** update(User user);   **boolean** del(Integer id); }  **package** com.tjetc.service.impl;  **import** com.tjetc.dao.UserMapper; **import** com.tjetc.domain.User; **import** com.tjetc.service.UserService; **import** org.springframework.beans.factory.annotation.Autowired; **import** org.springframework.stereotype.Service;  **import** java.util.List;  @Service **public class** UserServiceImpl **implements** UserService {  @Autowired  **private** UserMapper **userMapper**;  @Override  **public boolean** add(User user) {  **return userMapper**.add(user)>0;  }   @Override  **public** List<User> list() {  **return userMapper**.list();  }   @Override  **public** User findById(Integer id) {  **return userMapper**.findById(id);  }   @Override  **public boolean** update(User user) {  **return userMapper**.update(user)>0;  }   @Override  **public boolean** del(Integer id) {  **return userMapper**.del(id)>0;  } } |

8.创建UserController

|  |
| --- |
| **package** com.tjetc.controller;  **import** com.tjetc.domain.User; **import** com.tjetc.service.UserService; **import** org.springframework.beans.factory.annotation.Autowired; **import** org.springframework.stereotype.Controller; **import** org.springframework.ui.Model; **import** org.springframework.web.bind.annotation.PathVariable; **import** org.springframework.web.bind.annotation.RequestMapping;  **import** java.util.List;  @Controller @RequestMapping(**"/user"**) **public class** UserController {  @Autowired  **private** UserService **userService**;  @RequestMapping(**"/add"**)  **public** String add(User user){  System.***out***.println(**"user = "** + user);  **boolean** b=**userService**.add(user);  **return "redirect:/user/list"**;  }  @RequestMapping(**"/update"**)  **public** String update(User user){  System.***out***.println(**"user = "** + user);  **boolean** b=**userService**.update(user);  **return "redirect:/user/list"**;  }  @RequestMapping(**"/list"**)  **public** String list(Model model){  List<User> list=**userService**.list();  model.addAttribute(**"list"**, list);  **return "list"**;  }  @RequestMapping(**"/findById/{id}"**)  **public** String findById(@PathVariable(**"id"**) Integer id,Model model){  User user=**userService**.findById(id);  model.addAttribute(**"user"**, user);  **return "update"**;  }  @RequestMapping(**"/del/{id}"**)  **public** String del(@PathVariable(**"id"**) Integer id){  **boolean** b=**userService**.del(id);  **return "redirect:/user/list"**;  } } |