JavaScript 调用Java代码

1. 引入

2.配置web.xml

<servlet>

<servlet-name>dwr</servlet-name>

<servlet-class>

org.directwebremoting.servlet.DwrServlet

</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>dwr</servlet-name>

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

</servlet-mapping>

通过访问/dwr/\*/*JDate.js将对应的java代码生成对应的js代码*

3. 创建文件

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

<!DOCTYPE dwr PUBLIC "-//GetAhead Limited//DTD Direct Web Remoting 2.0//EN" "http://getahead.org/dwr/dwr20.dtd">

<dwr>

<allow>

<create creator=*"new"* javascript=*"JDate"*>

<param name=*"class"* value=*"java.util.Date"*/>

</create>

<create creator=*"new"* javascript=*"TestDWR1"*>

<param name=*"class"* value=*"com.hj.dwr.TestDWR1"*/>

</create>

<create creator=*"new"* javascript=*"TestDWR2"*>

<param name=*"class"* value=*"com.hj.dwr.TestDWR2"*/>

</create>

<create creator=*"new"* javascript=*"TestDWR3"*>

<param name=*"class"* value=*"com.hj.dwr.TestDWR3"*/>

</create>

<convert converter=*"bean"* match=*"com.hj.dwr.Person"*>

<param name=*"include"* value=*"name,ages,sex"*/>

</convert>

<!-- 注解：

将那个转换的类型 javascript 名称写入，注入要转换的类名（包名+类名 ）-->

<create creator=*"spring"* javascript=*"DictionaryTypeDAO"*>

<param name=*"beanName"* value=*"dictionaryTypeDAOProxy"*/>

<!—value="dictionaryTypeDAO"是在applicationContext.xml文件里的bean 的id获取的 给代理对象管理dictionaryTypeDAOProxy-->

</create>

<convert

converter=*"bean"* match=*"com.hj.entity.DictionaryType"*>

<param

name=*"include"* value=*"dataTypeId,dataTypeName,dataEnable"*/>

</convert>

</allow>

</dwr>

4. Java代码:

(1)TestDWR1类 → **返回字符串**

**public** **class** TestDWR1 {

**public** String getString(){

**return** "DWR测试";

}

}

(2) TestDWR2类 → **返回字符串数组**

**public** **class** TestDWR2 {

**public** String[] getNames(){

String[] names=**new** String[4];

names[0]="仗义1";

names[1]="仗义2";

names[2]="仗义3";

names[3]="仗义4";

**return** names;

}

}

(3)TestDWR3 →返回Person包装类数组

**public** **class** TestDWR3 {

**public** Person[] getPersons(){

Person[] persons=**new** Person[3];

persons[0]=**new** Person("zhangsan",20,**true**);

persons[1]=**new** Person("zhangyi",22,**false**);

persons[2]=**new** Person("zhangshu",21,**true**);

**return** persons;

}

}

**public** **class** Person {

**private** String name;

**private** **int** ages;

**private** **boolean** sex;

此处省略Person构造函数,get和set方法

}

5.javaScript客户端代码

(1)引入javacript库

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script type=*"text/javascript"*src=*"dwr/interface/JDate.js"*>

</script>

(2)Test代码

5.1.1 JDate测试

<html>

<head>

<title>dwrDateTest.html</title>

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script type=*"text/javascript"* src=*"dwr/interface/JDate.js"*>

</script>

<script type=*"text/javascript"*>

**function** init(){

JDate.getYear(load);

JDate.getMonth(load2);

}

**function** load(data){

alert(data+1900+'年');

}

**function** load2(data){

alert(data+1+'月');

}

</script>

</head>

<body onload="init()">

</body>

</html>

5.1.2 TestDWR1 测试

<html>

<head>

<title>dwrDateTest.html</title>

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script type=*"text/javascript"* src=*"dwr/interface/TestDWR1.js"*>

</script>

<script type=*"text/javascript"*>

**function** init(){

TestDWR1.getString(load);

}

**function** load(data){

alert(data);

}

</script>

</head>

<body onload="init()">

</body>

</html>

5.1.3 TestDWR2测试

<html>

<head>

<title>dwrDateTest.html</title>

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script type=*"text/javascript"*src=*"dwr/interface/TestDWR2.js"*>

</script>

<script type=*"text/javascript"*>

**function** init(){

TestDWR2.getNames(load);

}

**function** load(data){

alert(data);

}

</script>

</head>

<body onload="init()">

</body>

</html>

5.1.4 TestDWR3测试

<html>

<head>

<title>dwrDateTest.html</title>

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script type=*"text/javascript"* src=*"dwr/interface/TestDWR3.js"*>

</script>

<script type=*"text/javascript"*>

**function** init(){

TestDWR3.getPersons(load);

}

**function** load(data){

**for**(**var** i=0;i<data.length;i++){

alert(data[i].name + "," + data[i].ages +"," + data[i].sex);

}

}

</script>

</head>

<body onload="init()">

</body>

</html>

DWR创建动态树

**package** com.hj.entity;

**import** java.util.HashSet;

**import** java.util.Set;

/\*\*

\* DictionaryType entity. **@author** MyEclipse Persistence Tools

\*/

@SuppressWarnings({ "unchecked", "serial" })

**public** **class** DictionaryType **implements** java.io.Serializable {

// Fields

/\*\*

\*

\*/

**private** **static** **final** **long** serialVersionUID = 6801787679194473513L;

**private** Integer dataTypeId;

**private** String dataTypeName;

**private** String dataEnable;//启用

**private** Set dictionaryTypeInfos = **new** HashSet(0);

}

Jsp页面

<html>

<head>

<title>导航栏</title>

<script type=*"text/javascript"* src=*"js/dtree.js"*></script>

<link rel=*"StyleSheet"* href=*"css/dtree.css"* type=*"text/css"* />

<link rel=*"StyleSheet"* href=*"css/leftStyle.css"* type=*"text/css"* />

<!-- dwr要引用的js engine.js文件是固定的；DictionaryTypeDAO.js文件的命名是根据 dwr.xml 的javascript="?"里面的 -->

<script type=*"text/javascript"* src=*"dwr/engine.js"*></script>

<script

type=*"text/javascript"* src=*"dwr/interface/DictionaryTypeDAO.js"*>

</script>

</head>

<body>

<p>

<a href=*"javascript:d.openAll();"*>打开全部</a> |

<a href=*"javascript:d.closeAll();"*>关闭全部</a>

</p>

<script type=*"text/javascript"*>

**var** DictionaryTypeArr;

DWREngine.setAsync(**false**); //设置同步

DictionaryTypeDAO.findAll(load);

DWREngine.setAsync(**true**); //设置异步

**function** load(data){

DictionaryTypeArr=data;

}

**var** d=**new** dTree('d');

d.config.userCookies=**false**; //不使用cookies

d.config.useStatusText=**true**;//状态栏显示文本

d.config.closeSameLevel=**true**;//关闭同一层次的节点

//root

d.add(0,-1,"客户关系管理系统");

/\*\*\*

d.add(1,0,"客户信息");

d.add(2,0,"客户服务");

d.add(3,0,"日程/任务");

d.add(4,0,"项目管理");

d.add(5,0,"系统管理");

d.add(6,0,"数据字典");

d.add(7,0,"消息提醒");

\*/

d.add(11,1,"客户","form/loadingCostomerInfo.jsp","","main");

d.add(12,1,"联系人","form/loadingContactPersonInfo.jsp","","main");

d.add(21,2,"客户投诉","form/loadingComplainInfo.jsp","","main");

d.add(22,2,"投诉报表","form/loadingCreateJFreeChart.jsp","","main");

d.add(31,3,"日程");

d.add(32,3,"任务");

d.add(41,4,"项目管理");

d.add(42,4,"项目立项");

d.add(43,4,"项目审批");

d.add(44,4,"项目进程");

d.add(45,4,"项目总结");

d.add(46,4,"项目交易");

d.add(51,5,"用户","form/loadingUserInfo.jsp","","main");

d.add(52,5,"角色","form/loadingRoleInfo.jsp","","main");

/\*\*\*

d.add(61,6,"企业类型-分类");

d.add(62,6,"企业性质-分类");

d.add(63,6,"开户银行-分类");

d.add(64,6,"信息来源-分类");

d.add(65,6,"客户满意度-分类");

d.add(66,6,"客户级别-分类");

\*\*\*\*/

d.add(61,6,"数据字典分类","dictionaryType.action","","main");

**var** i;

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

**if**(DictionaryTypeArr[i].dataTypeName!=**null** && DictionaryTypeArr[i].dataTypeName!="" && DictionaryTypeArr[i].dataEnable=="yes" ){

d.add(61+i,6,DictionaryTypeArr[i].dataTypeName,"dictionaryTypeInfo.action?dataTypeId="+DictionaryTypeArr[i].dataTypeId,"","main");

}

}

d.add(62+i,6,"客户级别","customerLevel.action","","main");

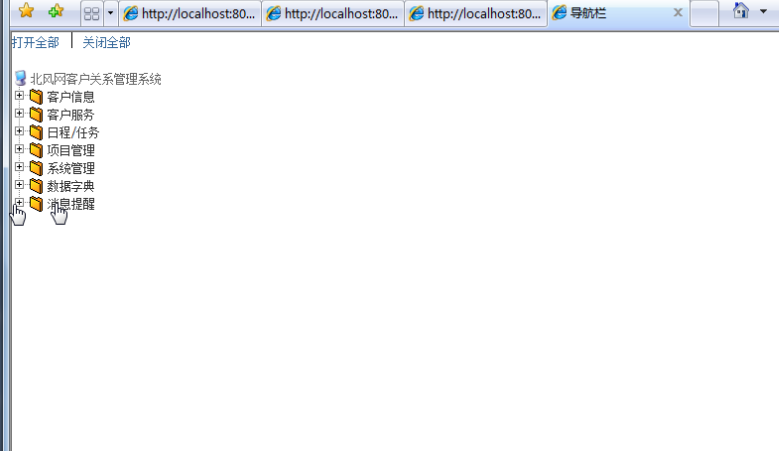
d.add(71,7,"短消息");

document.write(d);

</script>

</body>

</html>



DWR获得表单值

1. 导入DWR文件

<script type=*'text/javascript'* src=*'*<%=basePath%>*/dwr/engine.js'*></script>

<script type=*'text/javascript'* src=*'*<%=basePath%>*/dwr/util.js'*></script>

1. form加上name属性

<form name="userLoginForm" action="login.action" method="post" id="f">

1. 添加javaScript方法

function login(){

var userLoginFormValue = DWRUtil.getValues("userLoginForm");

var str="";

var userLoginName=userLoginFormValue["userLoginName"];

var userPassWord=userLoginFormValue["userPassWord"];

var codeNumber=userLoginFormValue["codeNumber"];

if(userLoginName==""){

str+= "登录名不能为空!<br>";

}

if(userPassWord=="" ){

str+= "密码不能为空!<br>";

}

if(codeNumber=="" ){

str+= "验证码不能为空或不正确!<br>";

}

if(str==""){

AddUserInfoAjax.userLogin(userLoginFormValue,result);

}else{

//alert(str);

DivTesy.innerHTML=str;

}

};

function result(data){

var DivTesy="";

if(data==""){

//alert("登录成功！");

window.location="index.jsp";

}else{

//alert(data);

DivTesy.innerHTML=data;

}

};

<form name="userLoginForm" action="login.action" method="post" id="f">

<table height="100%" cellSpacing=0 cellPadding=0 border=0>

<tr>

<td></td>

</tr>

<tr>

<td>

<table cellSpacing=0 cellPadding=0 border=0>

<tr class=UpTr height=20>

<td></td>

<td><div id="DivTesy" style="color:red; font-size:12px;"></div></td>

<td class=VersionTitle align=right>版本:1.0

</td>

</tr>

<tr class=UpTr height=65>

<td width=20></td>

<td colSpan=2><IMG src="images/login/logo.gif" border=0></td>

</tr>

<tr height=3>

<td colSpan=3></td>

</tr>

<tr class=DownTr>

<td></td>

<td>

<table height=204 cellSpacing=0 cellPadding=0 border=0>

<tr height=50>

<td colSpan=3></td>

</tr>

<tr height=18>

<td width=290 background=images/login/userLogin.gif colSpan=3></td>

</tr>

<tr>

<td class=LoginLine width=2></td>

<td width=286>

<table height="100%" cellSpacing=0 cellPadding=0 width="100%" border=0>

<tr height=10>

<td colSpan=6></td>

</tr>

<tr>

<td class=ItemTitleFont align=right width=80 height=25>用户名：</td>

<td width=100><input class="inputFrm" id="textUserLoginName" name="userLoginName" value="${param.userLoginName }">

<div class="text\_leftMsg" id="UserLoginNameValidateMsg"></div>

</td>

<td align="center" rowSpan=2><input type="button" src="images/login/userLogin\_button.gif" border=0 value="登录" onclick="login()"></td>

</tr>

<tr>

<td class=ItemTitleFont align=right height=25>密　码：</td>

<td><input class="inputFrm" id="textUserPassWord" type="password" name="userPassWord"/>

<div class="text\_leftMsg" id="userPassWordValidateMsg"></div></td>

</tr>

<tr>

<td class=ItemTitleFont align=right height=25>验证码：</td>

<td><input class="loginyzm" id="textCodeNumber" name="codeNumber" maxlength="4"/>

<a href="javascript:;" id="nosee"><img id="imgVcode" src="<%=basePath%>image.action" class="yzm\_img" />

<div class="text\_leftMsg" id="codeNumberValidateMsg"></div>

</td>

<td><s:actionerror/></td>

</tr>

</table>

</td>

<td class=LoginLine width=2></td>

</tr>

<tr height=11>

<td width=290 background=images/login/userLogin\_down.gif colSpan=3></td>

</tr>

</table>

</td>

<td width=228><IMG src="images/login/logo\_bg.gif" border=0></td>

</tr>

<tr class=DownTr height=24>

<td></td>

<td class=VersionTitle vAlign=bottom align=right background=images/login/logo\_copyright\_bg.gif colSpan=2>

<a class=close href="http://www.hao123.com/" target=\_blank>版权所有 盗版必究</a></td>

</tr>

</table>

</td>

</tr>

<tr height="3%">

<td></td>

</tr>

</table>

</form>

public String userLogin(Map userMap,HttpSession session) throws Exception {

String userLoginName=userMap.get("userLoginName").toString();

String userPassWord=userMap.get("userPassWord").toString();

String codeNumber=userMap.get("codeNumber").toString();

String str="";

if(userLoginName==null || "".equals(userLoginName)){

str+="登录名不能为空！\n";

}

if(userPassWord==null || "".equals(userPassWord) ){

str+="密码不能为空！\n";

}

if(codeNumber==null || "".equals(codeNumber) ){

str+="验证码不能为空！\n";

}

if(userLoginName!=null && !"".equals(userLoginName) && userPassWord!=null && !"".equals(userPassWord) && codeNumber!=null && !"".equals(codeNumber)){

//获取验证码

String code= (String) session.getAttribute("code");

//判断验证码输入是否正确

if(!code.equals(codeNumber)){

str+="验证码输入不正确！\n";

}else{

//用户名是否存在

List<UserInfo> userLoginNames=userInfoService.findUserLoginName(userLoginName);

if(userLoginNames.size()==0){

str+="登录名不存在！\n";

}else{

//判断密码输入是否正确

UserInfo userInfo=userLoginNames.get(0);

if(!MD5Util.getMD5(userPassWord).equals(userInfo.getUserPassWord())){

str+="密码不正确！\n";

}else{

//登录成功

session.setAttribute("userLoginNames", userLoginName);//这个关于过滤器方面的LoginFilter.java关联

//获得该用户得分权限

RoleInfo roleInfo=userInfo.getRoleInfo();

//获取角色权限信息

List<RoleRelationship> roleRelationship=roleRelationshipService.findByRoleRelationship(roleInfo);

session.setAttribute("roleRelationship", roleRelationship);

}

}

}

}

return str;

}