1.客户端:JSP

Java代码 [复制代码](http://www.javaeye.com/topic/839146)

1. <%@ page language="java" pageEncoding="GBK"%>
2. <html>
3. <head>
4. <title>index.jsp</title>
5. </head>
6. <mce:script type="text/javascript"><!--
7. var xhr = false;
8. function checkUserName(){
9. //1.创建XMLHttpRequest对象；
10. //IE Browser:
11. try{
12. xhr = new ActiveXObject("Microsoft.XMLHTTP");
13. }catch(e){
14. try{
15. xhr = new ActiveXObject("Msxml2.XMLHTTP");
16. }catch(e){
17. xhr = false;
18. }
19. }
20. if(!xhr&&typeof XMLHttpRequest!="undefined"){
21. xhr = new XMLHttpRequest();
22. }
23. //2.发出请求：
24. var url ="serverPort?username="+escape(document.userForm.elements("name").value);
25. xhr.open("POST",url,true);
26. xhr.onreadystatechange = process;
27. xhr.send(null);
28. }
29. function process(){
30. if(xhr.readyState == 4){
31. if(xhr.status == 200){
32. document.getElementById("userSpan").innerHTML = xhr.responseText;
33. }
34. }
35. }
36. // --></mce:script>
37. <body>
38. <form action="" method="post" name="userForm">
39. <table>
40. <caption>用户注册！</caption>
41. <tr>
42. <td>用户名：</td>
43. <td><input type="text" name="name" onblur="checkUserName()"><span id="userSpan">\*</span></td>
44. </tr>
45. <tr>
46. <td>密码：</td>
47. <td><input type="password" name="password" ></td>
48. </tr>
49. </table>
50. </form>
51. </body>
52. </html>

<%@ page language="java" pageEncoding="GBK"%>

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function checkUserName(){

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xhr = false;

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if(!xhr&&typeof XMLHttpRequest!="undefined"){

xhr = new XMLHttpRequest();

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var url ="serverPort?username="+escape(document.userForm.elements("name").value);

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xhr.onreadystatechange = process;

xhr.send(null);

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function process(){

if(xhr.readyState == 4){

if(xhr.status == 200){

document.getElementById("userSpan").innerHTML = xhr.responseText;

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// --></mce:script>

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<td>密码：</td>

<td><input type="password" name="password" ></td>

</tr>

</table>

</form>

</body>

</html>

2.服务端:Servlet

Java代码 [复制代码](http://www.javaeye.com/topic/839146)

1. package servlet;
3. import java.io.IOException;
4. import java.io.PrintWriter;
5. import javax.servlet.ServletException;
6. import javax.servlet.http.HttpServlet;
7. import javax.servlet.http.HttpServletRequest;
8. import javax.servlet.http.HttpServletResponse;
10. public class ServerPort extends HttpServlet{
12. private static final long serialVersionUID = 1L;
14. public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
15. response.setContentType("text/html;charset=GBK");
16. String userName = request.getParameter("username");
17. PrintWriter out = response.getWriter();
18. if(userName.trim().length()==0||userName==null){
19. out.println("<font color='red'>用户名不能为空!</font>");
20. }else if("neyjar".equals(userName)){
21. out.println("<font color='red'>用户已存在!</font>");
22. }else{
23. out.println("<font color='blue'>可以使用此用户名!</font>");
24. }
25. }
27. public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
28. doPost(request, response);
29. }
31. }

package servlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class ServerPort extends HttpServlet{

private static final long serialVersionUID = 1L;

public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.setContentType("text/html;charset=GBK");

String userName = request.getParameter("username");

PrintWriter out = response.getWriter();

if(userName.trim().length()==0||userName==null){

out.println("<font color='red'>用户名不能为空!</font>");

}else if("neyjar".equals(userName)){

out.println("<font color='red'>用户已存在!</font>");

}else{

out.println("<font color='blue'>可以使用此用户名!</font>");

}

}

public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

doPost(request, response);

}

}

3.web.xml中配置那个Servlet:

Java代码 [复制代码](http://www.javaeye.com/topic/839146)

1. <servlet>
2. <servlet-name>servletPort</servlet-name>
3. <servlet-class>servlet.ServerPort</servlet-class>
4. </servlet>
5. <servlet-mapping>
6. <servlet-name>servletPort</servlet-name>
7. <url-pattern>/serverPort</url-pattern>
8. </servlet-mapping>

<servlet>

<servlet-name>servletPort</servlet-name>

<servlet-class>servlet.ServerPort</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>servletPort</servlet-name>

<url-pattern>/serverPort</url-pattern>

</servlet-mapping>

这就是全部了!