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insert data into database using servlet and jsp in eclipse



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I am trying to add or insert values into table of database using servlet and jsp and MySQL Workbench as database. These are the following details:

1.> Register.java

```
package register.com;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletConfig;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import java.sql.*;
import javax.servlet.*;

/**
 * Servlet implementation class Register
 */
@WebServlet("/register")
public class Register extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Register() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see Servlet#init(ServletConfig)
     */
    public void init(ServletConfig config) throws ServletException {
        // TODO Auto-generated method stub
    }

    /**
     * @see HttpServlet#service(HttpServletRequest request, HttpServletResponse response)
     */
    protected void service(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // TODO Auto-generated method stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
    ServletException, IOException {
        // TODO Auto-generated method stub
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
    ServletException, IOException {
        // TODO Auto-generated method stub

        response.setContentType("text/html");
        PrintWriter pw = response.getWriter();
        //String connectionURL = "jdbc:mysql://127.0.0.1:3306/newData";// newData is
the database
        //Connection connection;
        Connection conn=null;
        String url="jdbc:mysql://localhost:3306/";
        String dbName="userlogindb";
        String driver="com.mysql.jdbc.Driver";
        //String dbUserName="root";
        //String dbPassword="root";

        try{
            String FName = request.getParameter("fname");
```

```

String Mname = request.getParameter("mname");
String Lname = request.getParameter("lname");
String Uname = request.getParameter("username");
String Emailid = request.getParameter("emailid");
String Mobno = request.getParameter("mobno");
String Address = request.getParameter("address");
String Password1 = request.getParameter("password1");
String Password2 = request.getParameter("password2");

Class.forName(driver).newInstance();
conn = DriverManager.getConnection(url+dbName,"root", "root");
PreparedStatement pst =(PreparedStatement) conn.prepareStatement("insert into
'userlogindb'. 'registerutable' (fname,mname,lname,username,emailid,mobno,address,password1,pa
values(?,?,?,?,?,?,?,?));//try2 is the name of the table

pst.setString(1,Fname);
pst.setString(2,Mname);
pst.setString(3,Lname);
pst.setString(4,Uname);
pst.setString(5,Emailid);
pst.setString(6,Mobno);
pst.setString(7,Address);
pst.setString(8>Password1);
pst.setString(9>Password2);

int i = pst.executeUpdate();
conn.commit();
String msg=" ";
if(i!=0){
    msg="Record has been inserted";
    pw.println("<font size='6' color=blue>" + msg + "</font>");
}
else{
    msg="failed to insert the data";
    pw.println("<font size='6' color=blue>" + msg + "</font>");
}
pst.close();
}
catch (Exception e){
    pw.println(e);
}
}
}

```

2.> index.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!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=ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form name="registrationform" action="register" method="post">
<p>
Enter your first name: <input type="text" name="fname"><br>
Enter your middle name: <input type="text" name="mname"><br>
Enter your last name: <input type="text" name="lname"><br>
</p><br>
<p>
Enter username: <input type="text" name="username"><br>
</p><br>
<p>
Enter email id: <input type="text" name="emailid"><br>
Enter mobile number: <input type="text" name="mobno"><br>
Enter address: <textarea rows="5" cols="5" name="address"></textarea><br>
</p><br>
<p>
Enter the password: <input type="password" name="password1"><br>
Reenter the password: <input type="password" name="password2"><br>
</p><br>
<p>
<input type="submit">
</p><br>
</form>
</body>
</html>

```

3.> web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd" id="WebApp_ID" version="3.0">
<display-name>RegisterExample</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>
<servlet>
<description>Register Servlet</description>
<display-name>Register</display-name>
<servlet-name>Register</servlet-name>
<servlet-class>register.com.Register</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>Register</servlet-name>
<url-pattern>/register</url-pattern>
</servlet-mapping>
</web-app>
```

4.> I have added `mysql-connector-java-5.0.8-bin.jar` and `servlet-api-3.0.jar` is anything else needed to add it. I have created a connection to database in Data Source Explorer.

When I m compiling or debugging it shows no error. During runtime also there is no error. When I fill in the form and submit it shows only blank screen :(No output is displayed. :(Also in the database values are not updated.

Please help me. I m getting hangover with this snippet.

java mysql xml jsp servlets

edited Jan 31 '14 at 12:36

asked Jan 31 '14 at 6:38



Atiq

99 1 2 13

is your mysql server running? – KazeKage Gaara Jan 31 '14 at 6:39

Use print() method instead of println() and close the pw. – Rahul Jan 31 '14 at 6:48

yes mysql server is running KazeKage Gaara – Atiq Jan 31 '14 at 12:02

6 Answers

Check that `doPost()` method of servlet is called from the jsp form and remove `conn.commit`.

answered Jan 31 '14 at 15:26



Kick

3,424 1 8 17

Yess Niks Tyagi Sir, you are correct program run successfully. – Atiq Jan 31 '14 at 15:38



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Can you check value of `i` by putting logger or `println()`. and check with closing db conn at the end. Rest your code looks fine and it should work.

answered Jan 31 '14 at 6:59



Gautam Savaliya

335 3 15

Gautam Savaliya I have added `i` to the print statement but it shows nothing – Atiq Jan 31 '14 at 12:21

Same problem fetch main problem in `PreparedStatement` use simple statement then you successfully insert record same use below.

```
String st2="insert into
user(gender,name,address,telephone,fax,email,
destination,sdate,edate,Participant,hcategory,
Culture,Nature,People,Cities,Beaches,Festivals,username,password)
values('"+gender+"','"+name+"','"+address+"','"+phone+"','"+fax+"',
 '"+email+"','"+desti+"','"+sdate+"','"+edate+"','"+parti+"',
 '"+hotel+"','"+chk1+"','"+chk2+"','"+chk3+"','"+chk4+"',
 '"+chk5+"','"+chk6+"','"+user+"','"+password+'');"

int i=stm.executeUpdate(st2);
```

edited Apr 12 '14 at 17:34



Tiny

3,485 33 133 248

answered Apr 12 '14 at 17:23



ranjit

1

In your JSP at line `<form>` tag, try this code

```
<form name="registrationform" action="Register" method="post">
```

edited Oct 3 '14 at 22:23



Kara

2,570 5 23 39

answered Sep 26 '14 at 17:10



Bharat

1 1

Including 4 spaces in front of your code sample causes the code to be shown in a code block. In the case of HTML tags if you do not include the tag is a code block it will not be visible and your answer may be deleted if it appears to have no code in it. – Kara Oct 3 '14 at 22:24

```
String user = request.getParameter("uname");
out.println(user);
String pass = request.getParameter("pass");
out.println(pass);
Class.forName( "com.mysql.jdbc.Driver" );
Connection conn = DriverManager.getConnection(
"jdbc:mysql://localhost:3306/rental","root","root" );
out.println("hello");
Statement st = conn.createStatement();
String sql = "insert into login (user,pass) values('" + user + "','" + pass + "')";
st.executeUpdate(sql);
```

edited Oct 15 '14 at 4:09



Vikas Gupta

3,416 1 4 30

answered Oct 15 '14 at 3:34



mohan

1

Remove conn.commit from Register.java

In your jsp change action to : `<form name="registrationform" action="Register" method="post">`

answered Jun 4 at 15:15



user22277

1 2