

User Complaints

Eclipse Ganymede/MS SQL Server 2008

System Requirements:

Download Eclipse Ganymede

<http://www.eclipse.org/ganymede/>

System Requirements:

Download Microsoft SQL Server Express

http://msdn.microsoft.com/en-us/evalcenter/ff978728.aspx?wt.mc_id=MEC_36_1_6

System Requirements:

Download SQLJDBC4.jar

<http://msdn.microsoft.com/en-us/library/ms378526.aspx>

Introduction:

Ekri yon sèrvle, gen tan pwan done ki sòti nan sèvè SQL MS, krache done soti nan Rapò HTML ...

Disclaimer: A enfòmasyon ki nan sa ki annapre yo prezante kòm se. Sa a leson patikilye pansé ké ou genyen konesans debaz pwogram. Toututoryèl yo baze sou yon lojisyèl sexclips / sexclips ki baze sou. Si w ta bezwen pran abitud familiarize w avèk anviwònman ou, anvan yo kontinye leson patikilye sa a, tanpri, sispann kounye a epi yo wè lojisyèl nou an / Frameworks paj wèb ...

Step 1:

Write Servlet to select from MS SQL Server DB:

Aseptè ou te deja fè disponib SQLJDBC4.jar nan chemen bati ou, epi ou gen tou te ajoute Sous ak pake dosye, tanpri swiv etap sa yo anba a rekipere done ak ranpli rapò ...

1. Right-click on your Package folder folder (Project Explorer Window)
2. Choose New, then Servlet
3. Name your servlet SearchUserDataServlet, click Finish
4. Copy and Paste code below into new servlet (Delete generated code)

SearchUserDataServlet.java

```
/**
 * Created: 2009.11.03.1.17.PM
 *
 * Program: SearchUserDataServlet.java
 * Servlet class to grab data from MS SQL Server Database
 */
package com.dokoll.solutions.inc.Servlets;

/**
 * @author Dököll Solutions, Inc.
 * @version 2009.11.03.1.17.PM
 *
 */
```

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;
import java.util.*;
import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import databasePackage.DBConnector;

/**
 * Servlet implementation class for Servlet: SearchUserDataServlet
 *
 */

public class SearchUserDataServlet extends HttpServlet{

    private static final long serialVersionUID = 1L;

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

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        System.out.println("Sql Server Connecting...");
        Connection conn = null;

        Statement st;
        int count = 0;
        try {

            conn = DBConnector.getConnection();
            System.out.println("Connected to the database...");

            ArrayList myArrayList=null;
            ArrayList myUserList =new ArrayList ();

            PreparedStatement pst = conn.prepareStatement("Select
AllegationCode,Office, InvCode, CONVERT(NVARCHAR(20), [Open], 101) As
DateOpen,DATEDIFF(dd, [Open],getDate()) As AGE from USERDETAILS where InvCode = ?
AND Office =? AND InvCode NOT NULL ");

            String Office = request.getParameter("Office");

            String InvCode = request.getParameter("InvCode");

            pst.setString(1,Office);
            pst.setString(2,InvCode);

            System.out.println("Office Recorded..." + Office);
            System.out.println("Records Returned...");

```

```

st = conn.createStatement();
ResultSet rs = pst.executeQuery();

while(rs.next()){

    myArrayList = new ArrayList();

    myArrayList.add(rs.getString("AllegationCode"));
    myArrayList.add(rs.getString("Office"));
    myArrayList.add(rs.getString("AGE"));
    myArrayList.add(rs.getString("DateOpen"));

    myUserList.add(myArrayList);

    count++;

}

request.setAttribute("userData",myUserList);
System.out.println("Records " + count);

String nextJSP = "/UserSearchResults.jsp";
RequestDispatcher dispatcher =
getServletContext().getRequestDispatcher(nextJSP);
dispatcher.forward(request,response);
rs.close();
conn.close();
System.out.println("Connected stopped...");
} catch (Exception e) {
e.printStackTrace();
}
}
}

```

Step 2:

Build a search form to retrieve data for the report:

Ann fè etap la a pou chèche done ou ranpli nan yon nouvo fòm HTML. Kopi ak kòd kole anba a, li kouri nan navigatè ou

SearchUserData.jsp

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

    <%@ page import="java.text.*,java.util.*" session="false"%>

<html>

```

```

<head>

<title>Search User Complaints</title>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
</head>

<body bgcolor="#deefef">

<form method="post" name="frm" action="SearchUserDataServlet">

<table border="0" width="330" align="left" bgcolor="lightgrey">
<tr><td colspan=2 style="font-size:12pt;color:#00000;" align="left">
<h3><font color="red">User Complaints - <b><a href="SearchUserData.jsp">Search By
Age Range</a></b></font></h3></td></tr>

<tr><td align="right">Office</td>
<td><input type="text" name="Office" id="Office">
</td></tr>

<tr><td align="right"> UserID</td>
<td><input type="text" name="InvCode" id="InvCode">
</td></tr>

<tr><td align="right"> </td>
<td><input type="submit" name="submit" value="Run Report"></td></tr>

</table>

</form>

<table border="0" width="420" align="right" bgcolor="#deefef">
<tr><td colspan=2 style="font-size:12pt;color:#00000;" align="left">
<font color="blue"><b>TIP:</b> Results for this report will be rendered in HTML
format</font></td></tr>
<tr><td><font color="blue">We suggest consulting our report manual before you
begin</font></td>
<tr><td><font color="blue">Click "Run report" button only once for faster
results</font></td>
<tr><td><b></b><font color="blue"><font color="blue">Visit our Frequently Asked
Questions page for added support</font></font></td>
<tr><td><b></b><font color="blue"><font color="blue">Send us a email for technical
assistance: <a href="TechTeam.jsp">Technical Support</font></font></td>

</table>
<br><br><br><br><br><br><br><br>
<HR>

<table align="center" cellpadding="10" cellspacing="1" width="98%" bgcolor="white"
border="0" height="570">
<tr>
<td align="right" bgcolor="#bac6c7" width="23%">Complaints By

```

```

Users</td>
    <td bgcolor="#bac6c7" colspan="3" width="200">
        <center><font size="-1"> <a
            href="SearchUserData.jsp" target="colours">Search User
Complaints</a></font></center>
    </td>
    <td bgcolor="#bac6c7" align="right" width="23%">Complaints By Age</td>
    <td bgcolor="#bac6c7">
        <center><font size="-1"> <a
            href="SearchUserData.jsp" target="colours">Search User By
Age</a></font></center>
    </td>
</tr>

</table></body></html>

```

Step 3:

Load this data to HTML report:

Denye nou etap kritik se chaje done yo Retrieved nan yon rapò HTML. Kopi ak kòd kole anba a, li kouri nan navigatè ou

UserSearchResults.jsp

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="java.util.*" session="true" %>
<html>
<head>

<title>User Search Results</title>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
</head>

<body>

<br>

<table align=center border="0" width="820">
<tr>
<th><h2 align=left> Dököll Solutions, Inc.<br> Complaint Report</h2></th>
<th><h2 align=right>Users for Better Software<br><script type="text/javascript">
    var d=new Date()
    var weekday=new Array("Sunday","Monday","Tuesday","Wednesday","Thursday",
        "Friday","Saturday")
    var monthname=new
Array("January","February","March","April","May","June","July","August",
        "September","October","November","December")
    document.write(weekday[d.getDay()] + " ")
    document.write(d.getDate() + ", ")
    document.write(monthname[d.getMonth()] + ", ")
    document.write(d.getFullYear())
</script></h2></th>

```

```

</tr>

</table>

<center><a href="javascript:void(0);"
  onclick="document.execCommand('SaveAs',true,'ComplaintsByUser.html');">
  <h2><font color="blue">User Complaints</font><br><font
  color="red"></font></h2></a></center>

<table border="0" cellspacing="0" cellpadding="2" width="800" align="center"
  style="border:0px solid #000000;">

<tr style="background-color:efefef;">

<HR>
<td><center><b><a class="print_page" href="javascript:window.print();"
  onclick="javascript:urchinTracker('outgoing/printlink/en');">Allegation</a></b></ce
  nter></td>

<td><center><b><a class="print_page" href="javascript:window.print();"
  onclick="javascript:urchinTracker('outgoing/printlink/en');">Office</a></b></center
  ></td>

<td><center><b><a class="print_page" href="javascript:window.print();"
  onclick="javascript:urchinTracker('outgoing/printlink/en');">Age</a></b></center></
  td>
<td><center><b><a class="print_page" href="javascript:window.print();"
  onclick="javascript:urchinTracker('outgoing/printlink/en');">Open</a></b></center><
  /td>

</tr>

<%
int RecordCounts=0;
int count=0;
String color = "#F9EBB3";

if(request.getAttribute("userData")!=null)
{
ArrayList myArrayList = (ArrayList)request.getAttribute("userData");
Iterator itr = myArrayList.iterator();

while(itr.hasNext()){

if((count%2)==0){
color = "#eeffee";

System.out.println("Records " + RecordCounts);
}
else{
color = "#F9EBB3";
}
count++;
RecordCounts++;
ArrayList userData = (ArrayList)itr.next();

```

```

%>

<tr style="background-color:<%=color%>;">

<td><center><%=userData.get(0)%></center></td>
<td><center><%=userData.get(1)%></center></td>
<td><center><%=userData.get(2)%></center></td>
<td><center><%=userData.get(3)%></center></td>

</tr>
<%
}
}
%>
<%
if(count!=0) {
%>

<tr>
<td colspan=8 align="center" style="background-color:eeffee"><b><font
color="blue"><br><br>Record(s) Found: </font></b><%= RecordCounts %></td>
</tr>
<%
}
%>

<%
if(count==0) {
%>

<tr>
<td colspan=8 align="center" style="background-color:eeffee"><b><font
color="red">No Record(s) Found</font></b></td>
</tr>
<%
}
%>
</table><br>

<center><i>The information contained in this document is strictly confidential and
may be used only for the purpose of
conducting the business of Dököll Solutions, Inc.</i></center>

</html>

```

Conclusion:

Rapò HTML nou gen yon karakteristik ekri an lèt detache kache ak yon mekanis sove. Wè tronpe fèy anba a pou endikasyon. Tanpri rete branche tutoryèl plis sou sijè a ...

Hint: Sa a kapab atik dwe lye ak yon pwojè ki deja egziste JavaBean, fè yon koneksyon sou baz done MS sèvè SQL ...

Cheat sheet:

Sove rapò a lè l sèvi avèk pwòp paj wèb la nan Save karakteristik. Klike sou non an nan rapò a pou

konsève pou (must have JavaScript enabled)...

```
<a href="javascript:void(0);"
  onclick="document.execCommand('SaveAs',true,'ComplaintsByUser.html');">
  <h2><font color="blue">...</...</h2>
```

Pli lwen, Enprime rapò sa a lè l sèvi avèk pwòp karakteristik paj wèb la a an lèt majiskil. Klike sou ekri ak lèt detache nan zòn nan kolòn / etikèt tf ...

```
<a class="print_page" href="javascript:window.print();"
  onclick="javascript:urchinTracker('outgoing/printlink/en');">...</a>
```

Kesyon, kòmantè, tanpri poste yon mesaj tou kout sou fòm nou yo. Mèsi pou vini ...