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// Ron Enz - Java III

// Servlet Steps Example - Student Lookup

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import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.\*;

import stuEJB.\*;

import javax.naming.\*;

import javax.rmi.\*;

@WebServlet(name = "LookupServlet", urlPatterns = {"/LookupServlet"})

public class LookupServlet extends HttpServlet {

protected void processRequest(HttpServletRequest request,

HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

String sid="";

StudentEJBLocal s1=null;

try {

// Step #1 - get the "sid" parameter from the previous HTML file

sid = request.getParameter("sid");

System.out.println("sid retrieved = " + sid);

// Step #2 - get any objects out of the Session using getAttribute()

// no objects in Session needed for this Example

//Step #3 - Create any Objects needed to lookup a Student

Student s1;

s1 = new Student();

s1.selectDB(sid);

System.out.println("FName ="+s1.getFname());

//Step #4 - Make any decisions necessary

// no decisions needed here

//Step #5 - Put Student Object in Session using HttpSession

HttpSession ses1;

ses1 = request.getSession();

ses1.setAttribute("s1", s1);

System.out.println("Student added to Session/scheduling JStudentLookup.jsp");

//Step #6 - Use RequestDispatcher to forward to JStudentLookup.jsp

RequestDispatcher rd = request.getRequestDispatcher("/JStudentLookup1.jsp");

rd.forward(request, response);

}

catch(NamingException e) {

System.out.println("Error in finding EJB");

}

finally {

System.out.println("LookupServlet Ending...");

out.close();

}

}

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}