Gestions de session (HttpSession)

Enoncé

Créez une page HTML (index.html).

index.html

* Envoie les données à la servlet SettingHttpSession

Créez un formulaire un seul champ nom.

Créez deux servlets (SettingHttpSession.java) et (RetrieveHttpSession.java).

SettingHttpSession.java

* Récupère la valeur de nom.
* Stock la valeur récupèrer dans l’objet HttpSession (attribut)
* Affiche un lien vers la servlet RetrieveHttpSession

RetrieveHttpSession.java

* Récupère l’attribut stocker dans l’objet HttpSession et l’affiche

## Solution

Créer un nouveau projet web

* index.html (attention au code en rouge)

<!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>

<CENTER>

<B>Hidden (session)</B>

<FORM NAME=*"login"* METHOD=*"GET"* ACTION=*"setHttpSession"*>

<TABLE>

<TR>

<TD>First Name</TD>

<TD><INPUT TYPE=*text* NAME=*"nom"*></TD>

</TR>

</TABLE>

<INPUT TYPE=*"submit"* VALUE=*"Submit"*>

</FORM>

</CENTER>

</body>

</html>

* Servlet 1

package com.formation.control;

...

public class SettingHttpSession extends HttpServlet {

...

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

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

HttpSession session=request.getSession();

session.setAttribute("user", username);

PrintWriter pw = response.getWriter();

pw.println("Attribute user set in HttpSession.");

pw.println("<br>");

pw.println("<a href='retHttpSession'>continue...</a>");

}

...

}

* Servlet 2

package com.formation.control;

...

public class RetrieveHttpSession extends HttpServlet {

...

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

PrintWriter pw = response.getWriter();

HttpSession session=request.getSession();

String username=(String) session.getAttribute("user");

pw.println(" Hello! " + username);

}

...

}

* Web.xml

<servlet>

<description></description>

<display-name>SettingHttpSession</display-name>

<servlet-name>SettingHttpSession</servlet-name>

<servlet-class>com.formation.control.SettingHttpSession</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>SettingHttpSession</servlet-name>

<url-pattern>/setHttpSession</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>RetrieveHttpSession</display-name>

<servlet-name>RetrieveHttpSession</servlet-name>

<servlet-class>com.formation.control.RetrieveHttpSession</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>RetrieveHttpSession</servlet-name>

<url-pattern>/retHttpSession</url-pattern>

</servlet-mapping>