Gestions de session (Cookie)

Enoncé

Créez une page HTML (index.html).

index.html

* Envoie les données à la servlet SettingCookie

Créez un formulaire un seul champ nom.

Créez deux servlets (SettingCookie.java) et (RetrieveCookie.java).

SettingCookie.java

* Récupère la valeur de nom.
* Crée un cookie avec user comme nom et la valeur du paramétre comme valeur
* Ajoute le cookie à la reponse
* Affiche un lien vers la servlet RetrieveCookie

RetrieveCookie.java

* Récupère le cookie et l’affiche

## Solution

Créer un nouveau projet web

* Index.html (attention au code en rouge)

<html>

<head>

<title>Insert title here</title>

</head>

<body>

<CENTER>

<B>Hidden (session)</B>

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

<TABLE>

<TR>

<TD>First Name</TD>

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

</TR>

</TABLE>

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

</FORM>

</CENTER>

</body>

</html>

SettingCookie.java

package com.formation.control;

...

public class SettingCookie extends HttpServlet {

...

protected void doGet(HttpServletRequest request,

HttpServletResponse response) throws ServletException, IOException {

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

Cookie ck = new Cookie("user", username);

response.addCookie(ck);

PrintWriter pw = response.getWriter();

pw.println("Cookie containing user name is stored in your browser.");

pw.println("<br>");

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

}

...

}

RetrieveCookie.java

package com.formation.control;

...

public class RetrieveCookie extends HttpServlet {

...

protected void doGet(HttpServletRequest request,

HttpServletResponse response) throws ServletException, IOException {

String username = null;

Cookie ck[] = request.getCookies();

PrintWriter pw = response.getWriter();

if (ck != null) {

for (int i = 0; i < ck.length; i++) {

if (ck[i].getName().equals("user"))

/\* Retrieve username from the cookie. \*/

username = ck[i].getValue();

}

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

} else {

pw.println("No cookies found");

}

}

...

}

* web.xml

<servlet>

<description></description>

<display-name>SettingCookie</display-name>

<servlet-name>SettingCookie</servlet-name>

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

</servlet>

<servlet-mapping>

<servlet-name>SettingCookie</servlet-name>

<url-pattern>/setCookie</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>RetrieveCookie</display-name>

<servlet-name>RetrieveCookie</servlet-name>

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

</servlet>

<servlet-mapping>

<servlet-name>RetrieveCookie</servlet-name>

<url-pattern>/retCookie</url-pattern>

</servlet-mapping>