[利用servlet创建Cookie](http://blog.csdn.net/wwwwsoe/article/details/1635244)

2007-06-02 12:51 1071人阅读 [评论](http://blog.csdn.net/wwwwsoe/article/details/1635244#comments)(1) [收藏](javascript:void(0);) [举报](http://blog.csdn.net/wwwwsoe/article/details/1635244#report)

1。什么是 Cookie？  
Cookie 是一小段文本信息，伴随着用户请求和页面在 Web 服务器和浏览器之间传递。用户每次访问站点时，Web 应用程序都可以读取 Cookie 包含的信息。

假设在用户请求访问网站上的某个页面时，服务器端应用程序发送给该用户的不仅仅是一个页面，还有一个包含日期和时间的 Cookie。用户的浏览器在获得页面的同时还得到了这个 Cookie，并且将它保存在用户硬盘上的某个文件夹中。

以后，如果该用户再次访问您站点上的页面，当该用户输入这个网站网址时，浏览器就会在本地硬盘上查找与该 URL 相关联的 Cookie。如果该 Cookie 存在，浏览器就将它与页面请求一起发送到您的站点，服务器应用程序就能确定该用户上一次访问站点的日期和时间。这样就可以根据这些信息向用户发送一条消息，也可以检查过期时间或执行其他有用的功能。

2。cookie的限制  
大多数浏览器只允许每个站点保存 20 个 Cookie。如果试图保存更多的 Cookie，则最先保存的 Cookie 就会被删除。还有些浏览器会对来自所有站点的 Cookie 总数作出限制，这个限制通常为 300 个。

3。创建Cookie  
eclipse打开，创建一servlet类，名称为CookieTest.java

http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifpackage test;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport java.io.IOException;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport java.io.PrintWriter;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.ServletException;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.Cookie;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServlet;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServletRequest;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServletResponse;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedBlockStart.gifpublic class CookieTest extends HttpServlet {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif /\*\*  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  \* The doGet method of the servlet. <br>  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  \* @throws ServletException if an error occurred  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif  \*/  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif public void doGet(HttpServletRequest request, HttpServletResponse response)  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif   throws ServletException, IOException {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif    
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  Cookie cookieName = new Cookie("name","tom");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  cookieName.setMaxAge(3600);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  Cookie cookiePassword = new Cookie("password","123456");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  cookiePassword.setMaxAge(3600);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif    
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  response.addCookie(cookieName);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  response.addCookie(cookiePassword);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  response.setContentType("text/html");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  PrintWriter out = response.getWriter();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif    .println("<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println("<HTML>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println("  <HEAD><TITLE>A Servlet</TITLE></HEAD>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println("  <BODY>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.print("    This is ");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.print(this.getClass());  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println(", using the GET method");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println("  </BODY>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.println("</HTML>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.flush();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  out.close();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif /\*\*  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  \* The doPost method of the servlet. <br>  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  \* @param response the response send by the server to the client  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif   throws ServletException, IOException {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif    
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  this.doGet(request, response);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedBlockEnd.gif}  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif

真正自己编写的只有几句话：  
  Cookie cookieName = new Cookie("name","tom");  
  cookieName.setMaxAge(3600);  
  Cookie cookiePassword = new Cookie("password","123456");  
  cookiePassword.setMaxAge(3600);  
    
  response.addCookie(cookieName);  
  response.addCookie(cookiePassword);

cookie创建完毕，当用IE打开这个网页时，会创建一个cookie，在系统默认的ie临时文件夹中可以找到。

4。取出Cookie值

创建一个servlet类：GetCookie

http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifpackage test;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport java.io.IOException;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport java.io.PrintWriter;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.ServletException;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.Cookie;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServlet;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServletRequest;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gifimport javax.servlet.http.HttpServletResponse;  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedBlockStart.gifpublic class GetCookie extends HttpServlet {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif    /\*\*  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \* The doGet method of the servlet. <br>  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \*  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \* This method is called when a form has its tag value method equals to get.  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \*   
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \* @param request the request send by the client to the server  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif    public void doGet(HttpServletRequest request, HttpServletResponse response)  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif            throws ServletException, IOException {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif          
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        Cookie[] cookies = request.getCookies();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        String name = "";  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        String password = "";  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif          
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif        for (int i = 0; i < cookies.length; i++) {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif            if (cookies[i].getName().equals("name")) {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif                name = cookies[i].getValue();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif            }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif            if (cookies[i].getName().equals("password")) {  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif                password = cookies[i].getValue();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif            }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif        }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        response.setContentType("text/html");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        PrintWriter out = response.getWriter();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif                .println("<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("<HTML>");  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("  <BODY>");  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("<br>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("name:" + name);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("<br>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("password:" + password);  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("  </BODY>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.println("</HTML>");  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.flush();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif        out.close();  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockEnd.gif    }  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedSubBlockStart.gif    /\*\*  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \* The doPost method of the servlet. <br>  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif     \*  
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http://images.csdn.net/syntaxhighlighting/OutliningIndicators/InBlock.gif  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/ExpandedBlockEnd.gif}  
http://images.csdn.net/syntaxhighlighting/OutliningIndicators/None.gif

主要语句：  
  Cookie[] cookies = request.getCookies();  
  String name = "";  
  String password = "";  
    
  for (int i = 0; i < cookies.length; i++) {  
   if (cookies[i].getName().equals("name")) {  
    name = cookies[i].getValue();  
   }  
   if (cookies[i].getName().equals("password")) {  
    password = cookies[i].getValue();  
   }  
  }

5。在eclipse中将这个项目和Tomcat关联，打开ie就会看到结果。注意地址栏中要输入

<http://localhost:8080/> + 项目名 + /servlet/ +servlet类名