过滤器

使用过滤器（拦截器），在程序有很多使用的地方

1. 修改接收与转送字符的编码
2. 过滤词
3. 拦截信息跳转到登录界面

**下列程序经过用java与struts来编写出过滤器**

### 一、编码：

1. 接口Filter
2. 重写doFilter方法，改变量名
3. 只能用chain.diFilter(request,response)；过滤器才允许通过

**public** **class** CharsetFilter **implements** Filter {

**public** **void** doFilter(ServletRequest request, ServletResponse response,

FilterChain chain) **throws** IOException, ServletException {

// **TODO** Auto-generated method stub

request.setCharacterEncoding("utf-8");

response.setCharacterEncoding("utf-8");

chain.doFilter(request, response);

}}

### 二、过滤器

1. 接口Filter，重写doFilter
2. **由于在方法中写入接收参数，所以在struts中就不需要在接收参数，不然的话，过滤词就没有用处，接收还是前台所写的**

**public** **class** AddFilter **implements** Filter {

**private** List<String> STR\_FTR = **new** ArrayList<String>();

**public** **void** doFilter(ServletRequest request, ServletResponse response,

FilterChain chain) **throws** IOException, ServletException {

HttpServletRequest req=(HttpServletRequest)request;

HttpServletResponse resp=(HttpServletResponse)response;

request.setCharacterEncoding("utf-8");

response.setCharacterEncoding("utf-8");

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

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

// Article article = new Article();

// article.setTitle(replaces(STR\_FTR, title));

// article.setContent(replaces(STR\_FTR, content));

request.setAttribute("title", replaces(STR\_FTR, title));

request.setAttribute("content", replaces(STR\_FTR, content));

chain.doFilter(request, response);

}

**public** **void** init(FilterConfig arg0) **throws** ServletException {

// **TODO** Auto-generated method stub

STR\_FTR.add("你妹啊");

STR\_FTR.add("吴亮");

}

**private** String replaces(List<String> newString,String str){

**for**(Iterator<String> it = newString.iterator();it.hasNext();){

String oldStr = it.next();

**if**(str.indexOf(oldStr) >= 0 ){

str = str.replace(oldStr, "\*\*\*");

}

}

**return** str;

}

### 三、这个两个文件的配置，web.xml内filte标签：

<filter>

<filter-name>CharsetFilter</filter-name>

<filter-class>com.bbs.fiter.CharsetFilter</filter-class>

</filter>

<filter>

<filter-name>addFilter</filter-name>

<filter-class>com.bbs.fiter.AddFilter</filter-class>

</filter>

<filter-mapping>

<filter-name>addFilter</filter-name>

<url-pattern>/newArticl.do</url-pattern>

</filter-mapping>

<filter-mapping>

<filter-name>CharsetFilter</filter-name>

<url-pattern>/\*</url-pattern>

</filter-mapping>

**只用了java程序编写出来：**

### 限制必须登录才能进入页面的方法

**public** **class** LoginFilter **implements** Filter {

**public** **void** doFilter(ServletRequest request, ServletResponse response,

FilterChain chain) **throws** IOException, ServletException {

HttpServletRequest req=(HttpServletRequest)request;

HttpServletResponse resp=(HttpServletResponse)response;

User user=(User)req.getSession().getAttribute("user");

**if**(user==**null**){

// req.getRequestDispatcher("./index.jsp").forward(req, resp);

req.getRequestDispatcher("./login.jsp").forward(req, resp);

}**else**{

chain.doFilter(request, response);

}

}