**struts2.2.1关于sitemesh和freemarker整合的细节**

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     有段时间没有使用struts2了，上了官网发现已经更新到2.2.1版本，没有细看note，照着以前老的方式配置web.xml，发现装饰器sitemesh对freemarker不起作用，折腾了一整天。最后还是老老实实看官方的文档，发现以前书上推荐的配置已经过时。老的一般配置如下：

<filter>

<filter-name>ActionContextCleanUp</filter-name>

<filter-class>org.apache.struts2.dispatcher.ActionContextCleanUp</filter-class>

</filter>

<filter>

<filter-name>sitemesh</filter-name>

<filter-class>com.opensymphony.module.sitemesh.filter.PageFilter</filter-class>

</filter>

<filter>

<filter-name>struts2</filter-name>

<filter-class>org.apache.struts2.dispatcher.FilterDispatcher</filter-class>

</filter>

      从struts2.1.3开始ActionContextCleanUp 和 FilterDispatcher过滤器，已经不建议使用了。将使用StrutsPrepareFilter 和StrutsExecuteFilter拦截器替代。正确的配置方式如下：

<filter>

<filter-name>struts-prepare</filter-name>

<filter-class>org.apache.struts2.dispatcher.ng.filter.StrutsPrepareFilter</filter-class>

</filter>

<filter>

<filter-name>sitemesh</filter-name>

<filter-class>com.opensymphony.sitemesh.webapp.SiteMeshFilter</filter-class>

</filter>

<filter>

<filter-name>struts-execute</filter-name>

<filter-class>org.apache.struts2.dispatcher.ng.filter.StrutsExecuteFilter</filter-class>

</filter>

<filter-mapping>

<filter-name>struts-prepare</filter-name>

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

</filter-mapping>

<filter-mapping>

<filter-name>sitemesh</filter-name>

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

<dispatcher>REQUEST</dispatcher>

<dispatcher>FORWARD</dispatcher>

<dispatcher>INCLUDE</dispatcher>

</filter-mapping>

<filter-mapping>

<filter-name>struts-execute</filter-name>

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

</filter-mapping>

<servlet>

<servlet-name>sitemesh-freemarker</servlet-name>

<servlet-class>org.apache.struts2.sitemesh.FreemarkerDecoratorServlet</servlet-class>

<init-param>

<param-name>default\_encoding</param-name>

<param-value>UTF-8</param-value>

</init-param>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>sitemesh-freemarker</servlet-name>

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

</servlet-mapping>

<listener>

<listener-class>org.apache.struts2.dispatcher.ng.listener.StrutsListener</listener-class>

</listener>

    注意：

    1. com.opensymphony.sitemesh.webapp.SiteMeshFilter这个过滤器是必需的，否则装饰不起作用

    2. 为了支持FreeMaker或Velocity，必须添加org.apache.struts2.sitemesh.FreemarkerDecoratorServlet这个Servlet，官方原话：

写道

From 2.2+ the recommended way to use Freemarker with Sitemesh is through the org.apache.struts2.sitemesh.FreemarkerDecoratorServlet servlet

    3. 而已从2.2.x开始，必须添加org.apache.struts2.dispatcher.ng.listener.StrutsListener这个监听器

写道

From 2.2+ the new com.opensymphony.sitemesh.webapp.SiteMeshFilter filter and Struts org.apache.struts2.dispatcher.ng.listener.StrutsListener context listener must be added to web.xml,

    4. 这样sitemesh装饰器才能在freemarker模板中起作用。