

JSP显示内容缓存技巧 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/220/2021_2022_JSP_E6_98_BE_E7_A4_BA_E5_c67_220260.htm 前段时间做自己社区的论坛，在jive的基础上做一个页面显示所有论坛的帖子，可以称之为总版，模仿Forum类的接口做个SuperForum并且实现Cachable，不过因为这个页面刷新量比较大，虽然被Cache了，我还是想办法进行页面的缓存，感觉用jsp产生的html静态内容当缓存，页面访问速度应该有所提高。首先想到的一种办法，是采用java.net的URLConnection把服务器上的jsp抓过来做缓存，不过我觉得这样做太见外了，自己服务器上的东西，为何要用HTTP去访问。于是想另外一个办法，把jsp的out对象的输出控制到自己希望的地方。比如输出到静态文件，又或者保存成全局的字符串变量。这样的话，浏览就不需要执行jsp，只是浏览该html了。仅仅在数据有更新的时候进行一次update操作，把jsp重新输出为html。我觉得，浏览事件比数据插入或更新发生的次数多的时候。不妨试试这个办法来提高页面访问速度。整件事情有点像把jsp当作模板，生成静态的html页面。将如下代码写入web.xml

```
< filter > < filter-name > FileCaptureFilter
< /filter-name > < filter-class > com.junjing.filter.FileCaptureFilter
< /filter-class > < /filter > < filter-mapping > < filter-name
> FileCaptureFilter < /filter-name > < url-pattern > /latest.jsp
< /url-pattern > < /filter-mapping > latest.jsp是我要cache的页面
java源码代码如下/** * START File FileCaptureFilter.java
*/package com.junjing.filter.import javax.servlet.*.import
javax.servlet.http.*.import java.io.*.public class FileCaptureFilter
```

```

implements Filter{private String protDirPath.public void
init(FilterConfig filterConfig)throws ServletException{protDirPath
= filterConfig.getServletContext().getRealPath("/").}public void
doFilter(ServletRequest request,ServletResponse
response,FilterChain chain) throws IOException,
ServletException{String fileName = protDirPath
"forum/lastest.html".PrintWriter out = response.getWriter().
FileCaptureResponseWrapper responseWrapper = new
FileCaptureResponseWrapper((HttpServletResponse)response).cha
in.doFilter(request, responseWrapper).// fill responseWrapper up
String html = responseWrapper.toString().//得到的html页面结果
字符串 // responseWrapper.writeFile(fileName).// dump the
contents 写成html文件 , 也可以保存在内存
//responseWrapper.writeResponse( out ). // back to browser
//responseWrapper.sendRedirect("lastestThread.jsp").}public void
destroy() {}}/** * END File FileCaptureFilter.java */** * START
File FileCaptureResponseWrapper.java */package
com.junjing.filter.import javax.servlet.*.import
javax.servlet.http.*.import java.io.*.public class
FileCaptureResponseWrapperextends
HttpServletResponseWrapper{private CharArrayWriter
output.public String toString(){return output.toString().}public
FileCaptureResponseWrapper(HttpServletResponse
response){super(response).output = new
CharArrayWriter().}public PrintWriter getWriter(){return new
PrintWriter(output). }public void writeFile(String fileName)throws

```

```
IOException {FileWriter fw = new FileWriter(fileName).fw.write(
output.toCharArray() ).fw.close().}public void
writeResponse(PrintWriter out) {out.print( output.toCharArray()
).}}/** * END File FileCaptureResponseWrapper.java */ 100Test 下
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```