

在Struts2中实现文件上传 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/167/2021_2022__E5_9C_A8Struts2_c104_167339.htm Struts 2是通过Commons FileUpload文件

上传。Commons FileUpload通过将HTTP的数据保存到临时文件夹，然后Struts使用fileUpload拦截器将文件绑定到Action的实例中。从而我们就能够以本地文件方式的操作浏览器上传的文件。具体实现 前段时间Apache发布了Struts 2.0.6 GA，所以本文的实现是以该版本的Struts作为框架的。以下是例子所依赖类包的列表：

清单1 依赖类包的列表 首先，创建文件上传页面FileUpload.jsp，内容如下：

```
@ page language = " java "
contentType = " text/html. charset=utf-8 " pageEncoding = " utf-8 "
%> @ taglib prefix = " s " uri = " /struts-tags " %> DOCTYPE html
PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd" >
html xmlns ="http://www.w3.org/1999/xhtml" > head > title > Struts
2 File Upload title > head > body > s:form action ="fileUpload"
method ="POST" enctype ="multipart/form-data" > s:file name
="myFile" label ="Image File" /> s:textfield name ="caption" label
="Caption" /> s:submit /> s:form > body > html > 清单2
```

FileUpload.jsp 在FileUpload.jsp中，先将表单的提交方式设为POST，然后将enctype设为multipart/form-data，这并没有什么特别之处。接下来，标志将文件上传控件绑定到Action的myFile属性。其次是FileUploadAction.java代码：

```
package
tutorial. import java.io.BufferedInputStream. import
java.io.BufferedOutputStream. import java.io.File. import
```

```
java.io.FileInputStream. import java.io.FileOutputStream. import
java.io.InputStream. import java.io.OutputStream. import
java.util.Date. import org.apache.struts2.ServletActionContext.
import com.opensymphony.xwork2.ActionSupport. public class
FileUploadAction extends ActionSupport { private static final long
serialVersionUID = 572146812454l . private static final int
BUFFER_SIZE = 16 * 1024 . private File myFile. private String
contentType. private String fileName. private String imageFileName.
private String caption. public void setMyFileContentType(String
contentType) { this .contentType = contentType. } public void
setMyFileFileName(String fileName) { this .fileName = fileName. }
public void setMyFile(File myFile) { this .myFile = myFile. } public
String getImageFileName() { return imageFileName. } public String
getCaption() { return caption. } public void setCaption(String
caption) { this .caption = caption. } private static void copy(File src,
File dst) { try { InputStream in = null . OutputStream out = null . try
{ in = new BufferedInputStream( new FileInputStream(src),
BUFFER_SIZE). out = new BufferedOutputStream( new
FileOutputStream(dst), BUFFER_SIZE). byte [] buffer = new byte
[BUFFER_SIZE]. while (in.read(buffer) > 0 ) { out.write(buffer). } }
finally { if ( null != in) { in.close(). } if ( null != out) { out.close(). } } }
catch (Exception e) { e.printStackTrace(). } } private static String
getExtention(String fileName) { int pos = fileName.lastIndexOf( " . "
). return fileName.substring(pos). } @Override public String
execute() { imageFileName = new Date().getTime()
getExtention(fileName). File imageFile = new
```

```
File(ServletActionContext.getServletContext().getRealPath( "/UploadImages" ) + "/" + imageFileName).copy(myFile, imageFile).  
return SUCCESS. } }
```

清单3 tutorial/FileUploadAction.java 100Test
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