1.解析springmvc上传zip的工具类：

public class FileUtils {

//日志

private static final Logger LOGGER = LoggerFactory.getLogger(FileUtils.class);

/\*\*

\* 对zip类型的文件进行解压

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\* @date 2018年1月8日

\*/

public static List<FileModel> unzip(MultipartFile file) {

// 判断文件是否为zip文件

String filename = file.getOriginalFilename();

if (!filename.endsWith("zip")) {

LOGGER.info("传入文件格式不是zip文件" + filename);

new BusinessException("传入文件格式错误" + filename);

}

List<FileModel> fileModelList = new ArrayList<FileModel>();

String zipFileName = null;

// 对文件进行解析

try {

ZipInputStream zipInputStream = new ZipInputStream(file.getInputStream(), Charset.forName("GBK"));

BufferedInputStream bs = new BufferedInputStream(zipInputStream);

ZipEntry zipEntry;

byte[] bytes = null;

while ((zipEntry = zipInputStream.getNextEntry()) != null) { // 获取zip包中的每一个zip file entry

zipFileName = zipEntry.getName();

Assert.notNull(zipFileName, "压缩文件中子文件的名字格式不正确");

FileModel fileModel = new FileModel();

fileModel.setFileName(zipFileName);

bytes = new byte[(int) zipEntry.getSize()];

bs.read(bytes, 0, (int) zipEntry.getSize());

InputStream byteArrayInputStream = new ByteArrayInputStream(bytes);

fileModel.setFileInputstream(byteArrayInputStream);

fileModelList.add(fileModel);

}

} catch (Exception e) {

LOGGER.error("读取部署包文件内容失败,请确认部署包格式正确:" + zipFileName, e);

new BusinessException("读取部署包文件内容失败,请确认部署包格式正确:" + zipFileName);

}

return fileModelList;

}

}

2.存储每个解压后文件的model

public class FileModel implements Serializable{

private static final long serialVersionUID = 13846812783412684L;

String fileName; //解压后文件的名字

String fileType; //文件类型

InputStream fileInputstream; //解压后每个文件的输入流

public String getFileName() {

return this.fileName;

}

public void setFileName(String fileName) {

this.fileName = fileName;

}

public String getFileType() {

return this.fileType;

}

public void setFileType(String fileType) {

this.fileType = fileType;

}

public InputStream getFileInputstream() {

return this.fileInputstream;

}

public void setFileInputstream(InputStream fileInputstream) {

this.fileInputstream = fileInputstream;

}

public String toString() {

return "FileModel{fileName=\'" + this.fileName + '\'' + ", fileType=\'" + this.fileType + '\''

+ ", fileInputstream=" + this.fileInputstream + '}';

}

}

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来源：CSDN

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