Word 导出工具类

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```java
import freemarker.cache.URLTemplateLoader;
import freemarker.template.Configuration;
import freemarker.template.Template;
import javax.servlet.ServletOutputStream;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import java.net.URL;
import java.net.URLEncoder;
import java.util.Locale;
import java.util.Map;

class ExportWord2 {

    private static Configuration freemarkerConfig;

static {
        freemarkerConfig = new Configuration(Configuration.VERSION\_2\_3_23);
    freemarkerConfig.setEncoding(Locale.getDefault(), "UTF-8");
    }

    static boolean exportWord(final String resourcePath, String templatePath, String fileName,
Map data, HttpServletResponse response) throws IOException {
        freemarkerConfig.setTemplateLoader(new URLTemplateLoader() {
            @Override
    protected URL getURL(String s) {
                return ExportWord2.class.getResource(resourcePath);
    }
        });

    File file = null;
    InputStream fin = null;
    ServletOutputStream out = null;
    Template temp;

    temp = freemarkerConfig.getTemplate(templatePath);
    file = createDoc(data,temp);
    fin = new FileInputStream(file);
    response.setContentType("application/msword");
    // 设置浏览器以下载的方式处理该文件名
    response.setHeader("Content-Disposition", "attachment;filename="
    .concat(String.valueOf(URLEncoder.encode(fileName, "UTF-8"))));

    out = response.getOutputStream();
byte\[\] buffer = new byte\[512\]; // 缓冲区
    int bytesToRead = -1;
    // 通过循环将读入的Word文件的内容输出到浏览器中
    while((bytesToRead = fin.read(buffer)) != -1) {
            out.write(buffer, 0, bytesToRead);
    }

        fin.close();
    if(out != null) {
            out.close();
    }
```

```java
        file.delete(); // 删除临时文件

    return true;
    }

    private static File createDoc(Map data, Template template) {
        File f = new File("test.doc");
    try {
            // 这个地方不能使用FileWriter因为需要指定编码类型否则生成的Word文档会因为有无法识
的编码而无法打开
    Writer w = new OutputStreamWriter(new FileOutputStream(f), "utf-8");
    template.process(data, w);
    w.close();
    } catch (Exception ex) {
            ex.printStackTrace();
    throw new RuntimeException(ex);
    }
        return f;
    }

    public static boolean creatDoc(Map data, final String resourcePath, String templatePath, Str
ng pathName) throws IOException {
        freemarkerConfig.setTemplateLoader(new URLTemplateLoader() {
            protected URL getURL(String s) {
                return ExportWord2.class.getResource(resourcePath);
    }
        });

    Template temp=freemarkerConfig.getTemplate(templatePath);
    String doctemp=Thread.currentThread().getContextClassLoader().getResource("/").getPath()
"doctemp/";
    File dir=new File(doctemp);
    if (!dir.exists()||!dir.isDirectory()){
            dir.mkdir();
    }
        File f = new File(doctemp+pathName+".doc");
    try {
            Writer w = new OutputStreamWriter(new FileOutputStream(f), "utf-8");
    temp.process(data, w);
    w.close();
    } catch (Exception ex) {
            ex.printStackTrace();
    throw new RuntimeException(ex);
    }

        return true;
    }
}
```