**Java集成elk步骤**

1. 添加依赖包

<dependency>  
 <groupId>net.logstash.logback</groupId>  
 <artifactId>logstash-logback-encoder</artifactId>  
 <version>5.1</version>  
</dependency>

1. 添加配置文件

在resources跟目录添加logback.xml，内容如下

<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE configuration>  
  
<configuration>  
 <appender name="LOGSTASH" class="net.logstash.logback.appender.LogstashTcpSocketAppender">  
 <!--logstash配置的tcp地址和端口-->  
 <destination>192.168.22.130:9220</destination>  
 <encoder charset="UTF-8" class="net.logstash.logback.encoder.LogstashEncoder">  
 <!--配置应用名称-->  
 <customFields>{"appname":"web-system"}</customFields>  
 </encoder>  
 </appender>  
  
 <!--配置应用名称-->  
 <include resource="org/springframework/boot/logging/logback/base.xml"/>  
  
 <!--日志级别 Trace -> Debug-> Info -> Warn-> Error-> Fatal-->  
 <root level="INFO">  
 <appender-ref ref="LOGSTASH"/>  
 <appender-ref ref="CONSOLE"/>  
 </root>  
</configuration>