**DemoApplication**

|  |
| --- |
| package com.example.demo; |
|  |  |
|  | import org.slf4j.Logger; |
|  | import org.slf4j.LoggerFactory; |
|  | import org.springframework.boot.SpringApplication; |
|  | import org.springframework.boot.autoconfigure.SpringBootApplication; |
|  | import org.springframework.web.bind.annotation.GetMapping; |
|  | import org.springframework.web.bind.annotation.RestController; |
|  |  |
|  | @SpringBootApplication |
|  | @RestController |
|  | public class DemoApplication { |
|  |  |
|  | private static final Logger logger = LoggerFactory.getLogger(DemoApplication.class); |
|  |  |
|  | public static void main(String[] args) { |
|  | SpringApplication.run(DemoApplication.class, args); |
|  | } |
|  |  |
|  | @GetMapping("/") |
|  | public String hello() { |
|  | logger.info("Hello World"); |
|  | logger.error("Ooops, there was an error", new RuntimeException("I am a runtime exception")); |
|  | return "Hello World"; |
|  | } |
|  | } |

**Logback.xml**

|  |  |
| --- | --- |
|  | <configuration> |
|  | <appender name="jsonConsoleAppender" class="ch.qos.logback.core.ConsoleAppender"> |
|  | <encoder class="net.logstash.logback.encoder.LogstashEncoder"/> |
|  | </appender> |
|  | <root level="INFO"> |
|  | <appender-ref ref="jsonConsoleAppender"/> |
|  | </root> |
|  | </configuration> |

***DemoTestApplication***

|  |
| --- |
| package com.example.demo; |
|  |  |
|  | import org.junit.Test; |
|  | import org.junit.runner.RunWith; |
|  | import org.springframework.boot.test.context.SpringBootTest; |
|  | import org.springframework.test.context.junit4.SpringRunner; |
|  |  |
|  | @RunWith(SpringRunner.class) |
|  | @SpringBootTest |
|  | public class DemoApplicationTests { |
|  |  |
|  | @Test |
|  | public void contextLoads() { |
|  | } |
|  |  |
|  | } |