Spring Boot Logging: https://docs.spring.io/spring-boot/docs/2.1.13.RELEASE/reference/html/boot-features-logging.html



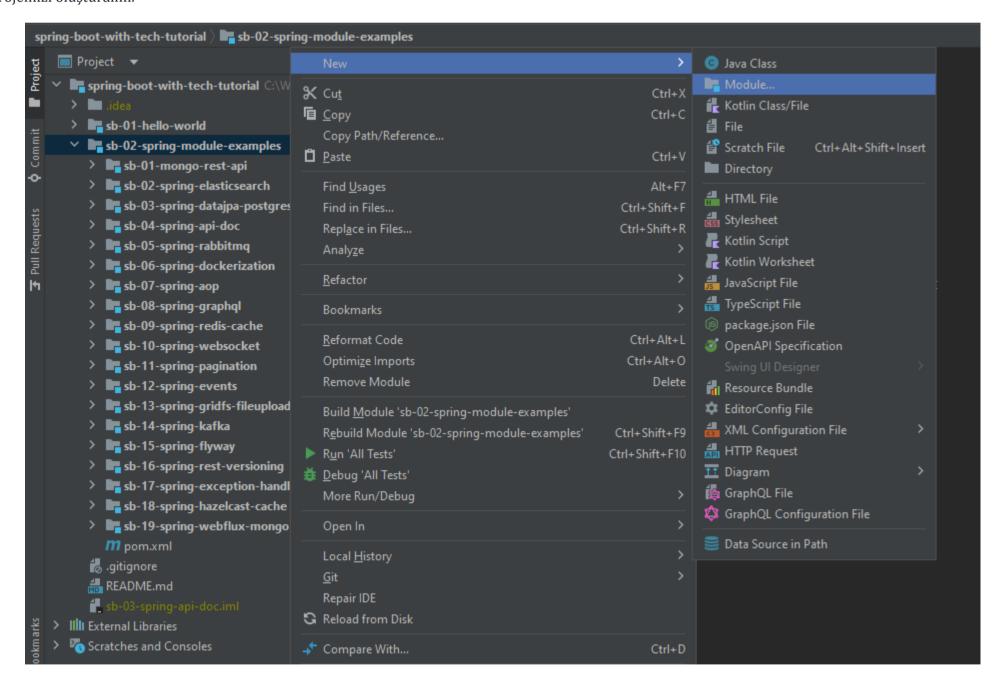
Spring Boot, tüm internal logging için <u>Commons Logging</u>'i kullanır, ancak temel alınan log implementation'ını açık bırakır. <u>Java Util Logging</u>, <u>Log4</u>] ve <u>Logback</u> için varsayılan konfigürasyonlar sağlanmıştır.

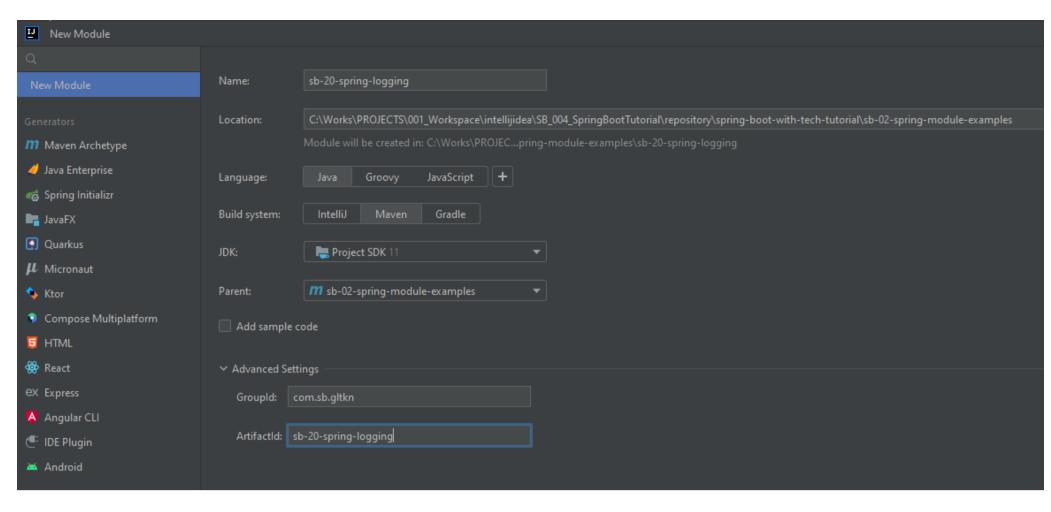
Her durumda, loggers konsol çıktısını kullanmak üzere önceden yapılandırılmıştır ve isteğe bağlı dosya çıktısı da mevcuttur.

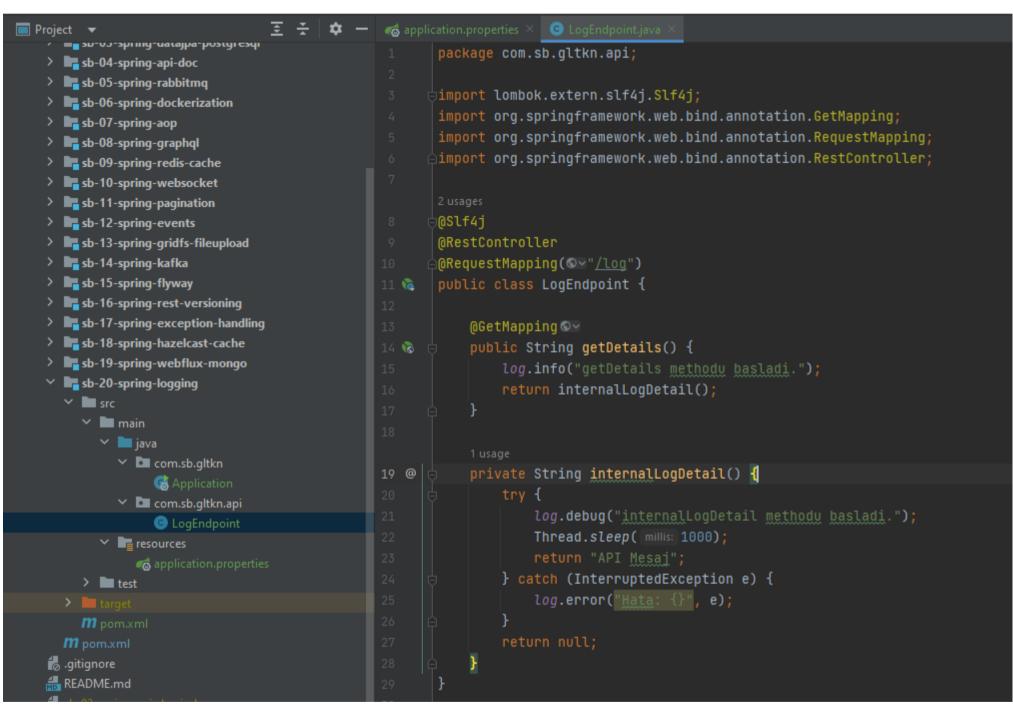
Varsayılan olarak, "Starters"ı kullanırsanız, logging için Logback kullanılır.

Java Util Logging, Commons Logging, Log4J veya SLF4J kullanan bağımlı library'lerin hepsinin doğru şekilde çalışmasını sağlamak için uygun Logback routing'i de dahildir.

Projemizi oluşturalım.

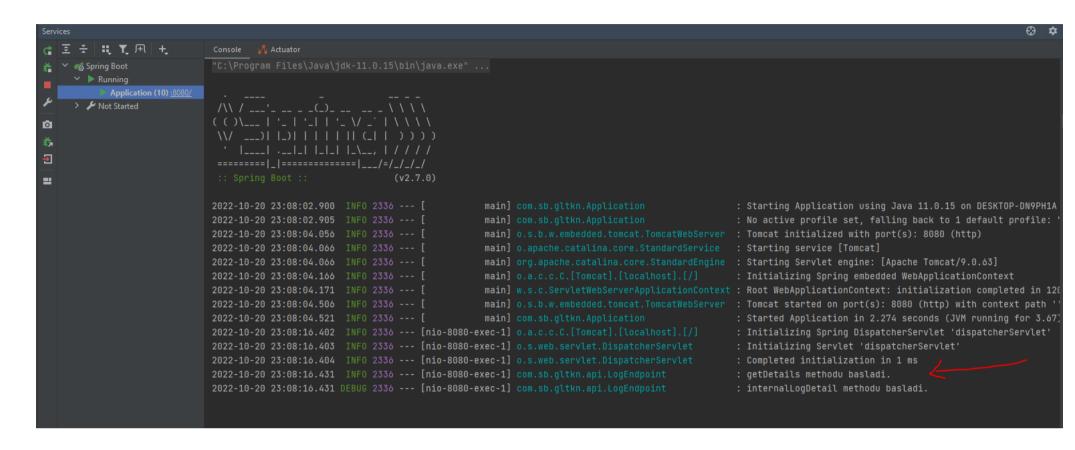






```
1  logging.level.root=INFO
2  logging.level.org.springframework.web=INFO
3  logging.level.com.sb.gltkn.api=DEBUG
```

API Mesaj



Alttaki logback-spring.xml dosyasında profile göre logging gerçekleştirebiliriz.

```
<?xml version="1.0" encoding="UTF-8"?>
> 📴 sb-05-spring-rabbitmq
                                                                                                      <configuration>
> 📴 sb-06-spring-dockerization
> a sb-07-spring-aop
> 📴 sb-08-spring-graphql
> 📴 sb-09-spring-redis-cache
                                                                                                                 > r sb-10-spring-websocket
> r sb-11-spring-pagination
                                                                                                                 <appender name="STDOUT" class="ch.qos.logback.core.ConsoleAppender">
> sb-12-spring-events
> 📴 sb-13-spring-gridfs-fileupload
                                                                                                                           <encoder>
> 📴 sb-14-spring-kafka
                                                                                                                                      <Pattern>
> 📴 sb-15-spring-flyway
                                                                                                                                                %d{dd-MM-yyyy HH:mm:ss.SSS} %magenta([%thread]) %highlight(%-5level) %logger{36}.%M |- %msg%n
> R sb-16-spring-rest-versioning
                                                                                                                                      </Pattern>
> a sb-17-spring-exception-handling
                                                                                                                           </encoder>
> R sb-18-spring-hazelcast-cache
                                                                                                                 </appender>
> 📴 sb-19-spring-webflux-mongo

→ Image: Sb-20-spring-logging

                                                                                                                 <appender name="FILEOUT" class="ch.qos.logback.core.rolling.RollingFileAppender">

✓ Image: Since the si
                                                                                                                           <file>${LOG_PATH}/spring-boot-logger.log</file>
            🗡 🖿 main
                                                                                                                                      <Pattern>%d %p %C{1.} [%t] %m%n</Pattern>
                        com.sb.gltkn
                                                                                                                           </encoder>
                                    🜀 Application
                         🗸 🖿 com.sb.gltkn.api
                                                                                                                           <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">
                                                                                                                                      <fileNamePattern>${LOG_PATH}/archived/spring-boot-logger-%d{yyyy-MM-dd}.%i.log </fileNamePattern>

✓ I resources

                                                                                                                                      <timeBasedFileNamingAndTriggeringPolicy class="ch.qos.logback.core.rolling.SizeAndTimeBasedFNATP">
                                                                                                                                                <maxFileSize>10MB</maxFileSize>
                             🏭 logback-spring.xml
                                                                                                                                      </timeBasedFileNamingAndTriggeringPolicy>
           > test
                                                                                                                           </rollingPolicy>
          m pom.xml
                                                                                                                 </appender>
```

```
> sb-15-spring-flyway
                                               <springProfile name="dev">
> R sb-16-spring-rest-versioning
                                                    <root level="info">
> a sb-17-spring-exception-handling
                                                        <appender-ref ref="STDOUT"/>
> 1 sb-18-spring-hazelcast-cache
                                                        <appender-ref ref="FILEOUT"/>
> r sb-19-spring-webflux-mongo

    ✓ In sb-20-spring-logging

✓ Image: src

                                                    <le><logger name="com.sb.gltkn.api" additivity="false" level="debug">

✓ Imain
                                                        <appender-ref ref="STDOUT"/>
       🗸 🖿 java
                                                        <appender-ref ref="FILEOUT"/>

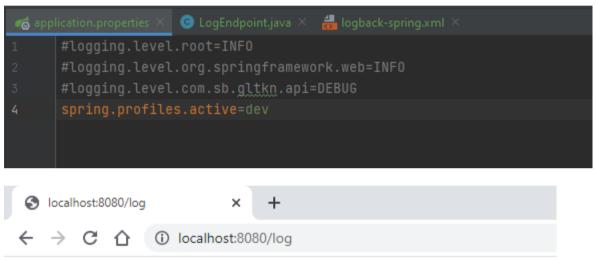
✓ □ com.sb.gltkn

                                                    </logger>
              6 Application
                                               </springProfile>
          <springProfile name="prod">

✓ I resources

                                                    <root level="error">
            application.properties
                                                        <appender-ref ref="FILEOUT"/>
            🏭 logback-spring.xml
    > 🖿 test
                                                    <logger name="com.sb.gltkn.api" additivity="false" level="debug">
                                                        <appender-ref ref="FILEOUT"/>
                                                    </logger>
                                               </springProfile>
樶 .gitignore
🟭 README.md
                                           </configuration>
```

dev profile ile çalıştıracağız.

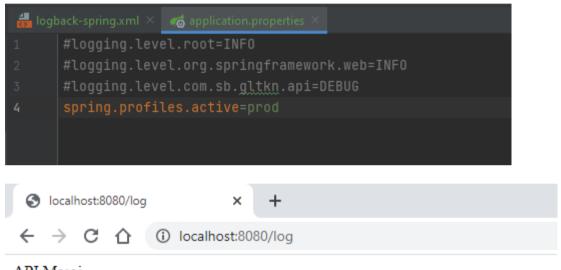


API Mesaj

Aynı zamanda dosyaya log yazma işleminin de gerçekleştiğini görebiliriz.

```
spring-boot-with-tech-tutorial
                                             2022-10-20 23:16:00,992 INFO org.springframework.boot.StartupInfoLogger [main] Starting Application using Java 11.0.15 on DESKTOP-DN9PH1A wi 🔀 🖪 🧥
    🖆 spring-boot-logger.log
> sb-01-hello-world
                                             2022-10-20 23:16:02,189 INFO org.apache.juli.logging.DirectJDKLog [main] Starting service [Tomcat]
  sb-02-spring-module-example
   🗦 📭 sb-01-mongo-rest-api
                                             2022-10-20 23:16:02,294 INFO org.apache.juli.logging.DirectJDKLog [main] Initializing Spring embedded WebApplicationContext
  > 📭 sb-02-spring-elasticsearch
  sb-03-spring-datajpa-postgresql
   > 📴 sb-04-spring-api-doc
   > 📴 sb-05-spring-rabbitmq
                                             2022-10-20 23:16:25,521 INFO org.apache.juli.logging.DirectJDKLog [http-nio-8080-exec-1] Initializing Spring DispatcherServlet 'dispatcherServlet'
  > 🚾 sb-06-spring-dockerization
                                             2022-10-20 23:16:25,522 INFO org.springframework.web.servlet.FrameworkServlet [http-nio-8080-exec-1] Initializing Servlet 'dispatcherServlet'
  > 📭 sb-07-spring-aop
  > 📭 sb-08-spring-graphql
                                             2022-10-20 23:16:25,550 INFO com.sb.gltkn.api.LogEndpoint [http-nio-8080-exec-1] getDetails methodu basladi.
  > In sb-09-spring-redis-cache
                                             2022-10-20 23:16:25,550 DEBUG com.sb.gltkn.api.LogEndpoint [http-nio-8080-exec-1] internalLogDetail methody basladi.
  > a sb-10-spring-websocket
   > 📭 sb-11-spring-pagination
   > R sb-12-spring-events
  > 📭 sb-13-spring-gridfs-fileupload
  > 📴 sb-14-spring-kafka
    sb-15-spring-flyway
   > 📴 sb-16-spring-rest-versioning
   sb-17-spring-exception-handling
    sb-18-spring-hazelcast-cache
    📴 sb-19-spring-webflux-mongo
  > 📴 sb-20-spring-logging
```

prod profile ile çalıştıralım.



API Mesaj

