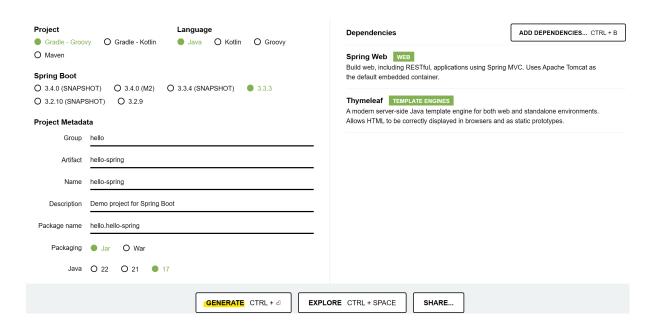
0905 - 프로젝트 환경설정

- Java 17 이상
- IDE IntelliJ

https://start.spring.io/

• spring boot 3.0 이상

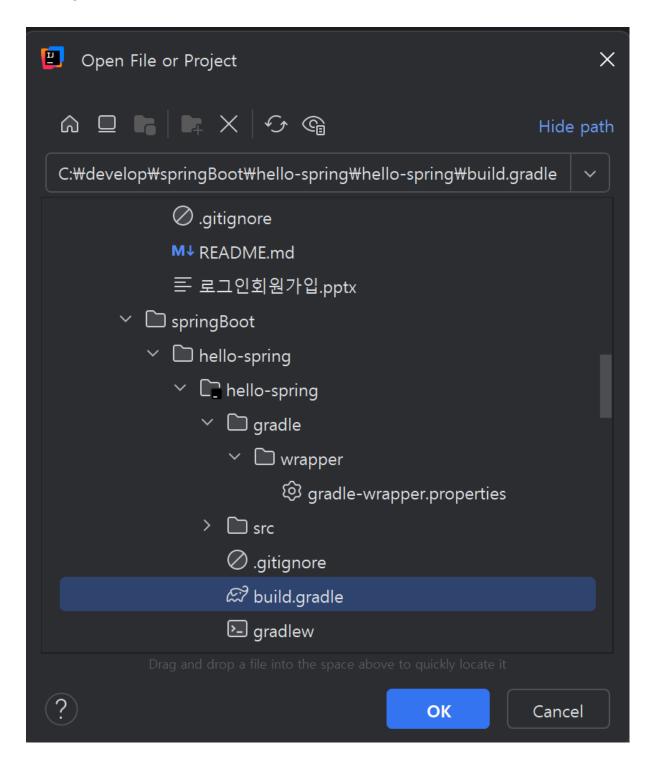


Spring Web - Spring Framework의 하위 모듈, 웹 애플리케이션을 구축하기 위한 기능 들을 제공

- MVC(Model-View-Controller) 아키텍처 클라이언트의 요청을 컨트롤러에서 처리하고, 결과를 모델로 전달하여 뷰를 통해 사용자에게 반환하는 구조
- RestController RESTful API를 쉽게 개발할 수 있도록 지원하는 애너테이션과 구조를 제공
- HandlerMapping 및 DispatcherServlet을 통해 URL 매핑 및 요청을 처리

Thymeleaf - 서버 사이드 템플릿 엔진으로, HTML 파일을 기반으로 동적인 웹 페이지를 생성

build.gradle



오류!

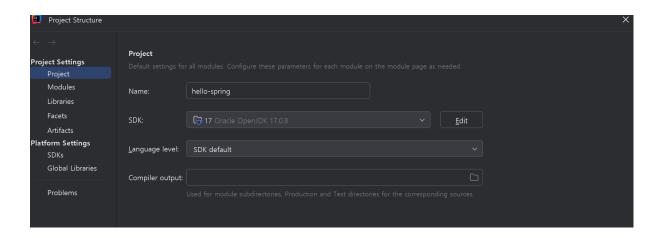
A problem occurred configuring root project 'hello-spring'.

> Could not resolve all artifacts for configuration ':classpa

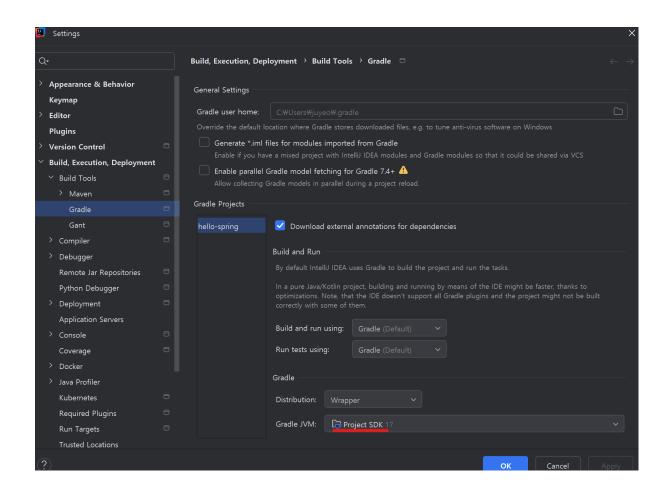
- > Could not resolve org.springframework.boot:spring-boot-g
 Required by:
 - project : > org.springframework.boot:org.springframe
 - > Dependency requires at least JVM runtime version 17.
- * Try:
- > Run this build using a Java 17 or newer JVM.
- > Run with --stacktrace option to get the stack trace.
- > Run with --info or --debug option to get more log output.
- > Run with --scan to get full insights.
- > Get more help at https://help.gradle.org.

JDK 버전을 17로 했는데 자꾸 안된다고 해서 ..

처음에는 이렇게 했는데 계속 오류가 났다



Settings - Build - Gradle 에 들어가서 밑줄 친 부분을 수정하니 해결됐다



라이브러리를 가져왔다

```
Build Sync ×

V hello-spring: finished At 2024-09-05 Q R 2.45 32 sec 793 ms

Download https://repo.maven.apache.org/maven2/org/springframework/spring-test/6.1.12/spring-test-6.1.12.;  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.10.3/junit-plice  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.10.3/junit-plice  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.10.3/junit-plice  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-launcher/1.10.3/junit-plice  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-engine/5.10.3/junit-plice  
Download https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/junit-platform-engine/5.10.3/
```

http://localhost:8080/

```
9:00 INFO 6584 --- [hello-spring] [ main] h.hello_spring.HelloSpringApplication : Starting HelloSpringApplication using Java 17.0.8 with PID 6584 (C: No active profile set, falling back to 1 default profile: "default" : No active profile set, falling back to 1 default profile: "default" : No active profile set, falling back to 1 default profile: "default" : Tomcat initialized with port 8086 (http) : Starting service [Tomcat] : Starting service [T
```

오류!



포트번호를 바꿔보았다

application.properis 파일에 추가해줬다

server.port=9904

다시 실행하니 포트번호가 변경되었다

http://localhost:9904/



Whitelabel Error Page

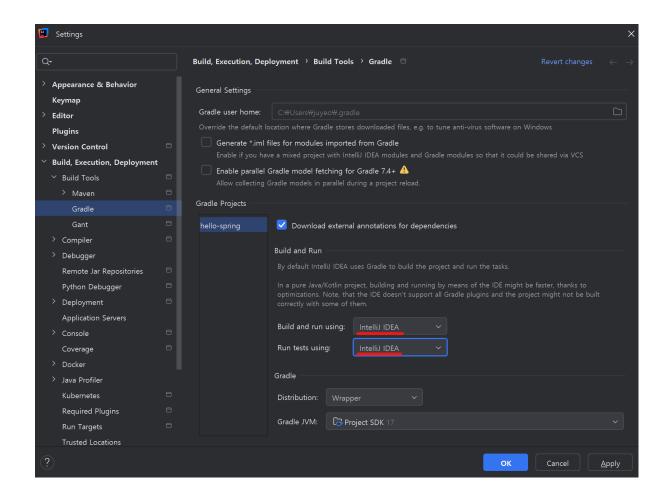
This application has no explicit mapping for /error, so you are seeing this as a fallback.

Thu Sep 05 15:09:42 KST 2024
There was an unexpected error (type=Not Found, status=404).

@SptingBootApplication

- 톰캣이랑 웹서버를 내장하고 있다
- 실행하면 톰캣 웹서버가 실행되면서 스프링 부트를 같이 실행한다

Settings - Build - Gradle 밑줄 친 부분 IntelliJ IDEA로 수정



Gradle를 거치지 않고 인텔리제이에서 자바를 실행한다(속도가 빨라짐)