WHAT IS OPENAPI

WHAT IS SWAGGER

https://swagger.io/docs/specification/about

WHY SWAGGER

- Open-source software framework
- Help to
  - API Design
  - API Documentation
  - API Test
  - API Mocking
  - Generate server/client side code

SWAGGER EDITOR

Source Code: https://github.com/swagger-api/swagger-editor

Best Practices in API Design: https://swagger.io/resources/articles/best-practices-in-api-design

OPENAPI GENERATOR

Source code: https://github.com/OpenAPITools

GENERATE SERVER/CLIENT SIDE CODE

```xml
<plugin>
    <groupid>org.openapitools</groupid>
    <artifactid>openapi-generator-maven-plugin</artifactid>
    <version>6.2.1</version>
    <executions>
        <execution>
            <goals>
                <goal>generate</goal>
            </goals>
            <configuration>
                <inputspec>swagger file path</inputspec>
                <!--target to generate kotlin server code-->
                <generatorname>kotlin-spring</generatorname>
                <!-- hint: if you want to generate kotlin client code,
                you can use the following generator: <generatorName>kotlin</
```