

# How to generate client code using with swagger-codegen-plugin (maven)?

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Asked 2 years, 7 months ago   Active 7 months ago   Viewed 38k times



6



I need to generate a server stub code in eclipse using with swagger-codegen-plugin (for maven) . can you please help how to do it ? and what configuration needed for that( in pom.xml).

java maven swagger swagger-codegen



3

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edited Aug 17 '18 at 9:29



[kolobok](#)

3,137 ● 3 ● 28 ● 49

asked Mar 20 '18 at 12:42



[rajesh reddy SR](#)

208 ● 1 ● 2 ● 11

3      The title says generate client code, the body says server code, which do you really want? – [chrisinmtown](#) May 2 '19 at 15:11

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## 3 Answers

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I found this answer. You just need to change pom.xml like below.

pom.xml.



```
<properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
```



```
<project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
<java.version>1.8</java.version>
<version.swagger.codegen>2.2.1</version.swagger.codegen>
<yaml.file>${project.basedir}/src/main/resources/Api.yaml</yaml.file>
<generated-sources-path>${project.build.directory}/generated-sources</generated-sources-path>
<generated-sources-java-path>main/java</generated-sources-java-path>
</properties>

<build>
  <plugins>
    <plugin>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-maven-plugin</artifactId>
    </plugin>
    <plugin>
      <groupId>io.swagger</groupId>
      <artifactId>swagger-codegen-maven-plugin</artifactId>
      <version>${version.swagger.codegen}</version>
      <configuration>
        <inputSpec>${yaml.file}</inputSpec>
        <configOptions>
          <sourceFolder>${generated-sources-java-path}</sourceFolder>
        </configOptions>
        <output>${generated-sources-path}</output>
      </configuration>
      <executions>
        <execution>
          <id>generate-swagger-spring</id>
          <phase>generate-sources</phase>
          <goals>
            <goal>generate</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
```

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edited Mar 3 at 7:16

answered Mar 20 '18 at 14:02



rajesh reddy SR

208 ● 1 ● 2 ● 11

Note that the plugin management part is eclipse specific. You should only need it for Eclipse support (i.e. plain maven should not need it). But for eclipse this is important and hard to find when just searching for the swagger codegen plugin. This is not there.

not need it). But for eclipse this is important and hard to find when just googling for the error it prints when this is not there. –  
[Frank Hopkins](#) Aug 27 at 13:25

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3



Sample configuration for `swagger-codegen-maven-plugin` is available at <https://github.com/swagger-api/swagger-codegen/tree/master/modules/swagger-codegen-maven-plugin>

List of possible languages is available here: <https://github.com/swagger-api/swagger-codegen/tree/master/modules/swagger-codegen/src/main/java/io/swagger/codegen/languages>

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answered Aug 2 '18 at 9:43



[kolobok](#)

3,137 ● 3 ● 28 ● 49

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3



```
<!-- Swagger -->
<plugin>
  <groupId>io.swagger</groupId>
  <artifactId>swagger-codegen-maven-plugin</artifactId>
  <version>2.3.1</version>
  <executions>
    <execution>
      <id>contract-service</id>
      <goals>
        <goal>generate</goal>
      </goals>
      <configuration>
        <inputSpec>${basedir}/src/main/resources/swagger/rest-data-exchange-format.yaml</inputSpec>
        <artifactId>contract-service</artifactId>
        <output>${basedir}/target/generated-sources</output>
        <language>spring</language>
        <modelPackage>ru.payhub.rest.v1.model</modelPackage>
        <apiPackage>ru.payhub.rest.v1.api</apiPackage>
        <!-- <invokerPackage>ru.payhub.rest.v1.handler</invokerPackage> -->
      </configuration>
    </execution>
  </executions>
</plugin>
```

```
<generateSupportingFiles>false</generateSupportingFiles>
<configOptions>
  <sourceFolder>src/main/java</sourceFolder>
  <interfaceOnly>true</interfaceOnly>
  <library>spring-boot</library>
  <dateLibrary>${generator.datelibrary}</dateLibrary>
  <configPackage>ru.payhub.config</configPackage>
  <singleContentTypes>true</singleContentTypes>
</configOptions>
</configuration>
</execution>
</executions>
</plugin>
```

Official parametrs description [here](#)

Swagger syntax specification [here](#)

On this example maven plugin, used swagger data-model file (yaml) generate model classes for use it in the controllers.

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answered Jan 15 '19 at 9:42



Cristopher Plasma

828 ● 7 ● 11

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