

# spring-boot-parent-example (0.0.1-SNAPSHOT)

Maksim Kostromin

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Travis CI status: [Build Status](#)

# Chapter 1. Introduction

This repo demonstrates example of spring-boot parent custom module usage.

```
project
├── application
│   ├── pom.xml
│   └── src...
├── library
│   ├── pom.xml
│   └── src...
├── parent
│   └── pom.xml
└── pom.xml
```

*maven build*

```
./mvnw
java -jar ./application/target/*.jar
bash ./application/target/*.jar
```

generated by [generator-jvm](#) yeoman generator (java-spring-boot)

# Chapter 2. Implementation

## 1. create root project folder

```
mkdir spring-boot-parent-example  
touch pom.xml
```

*root*

```
<groupId>com.github.daggerok</groupId>  
<artifactId>spring-boot-parent-example</artifactId>  
<version>0.0.1-SNAPSHOT</version>  
<packaging>pom</packaging>  
  
<modules>  
  <module>parent</module>  
  <module>library</module>  
  <module>application</module>  
</modules>  
  
<build>  
  <defaultGoal>clean package</defaultGoal>  
</build>
```

## 2. create spring-boot parent project holder by generating it from start.spring.io project: maven type: pom

```
cd spring-boot-parent-example/  
mkdir parent  
touch parent/pom.xml
```

## parent

```
<groupId>com.github.daggerok</groupId>
<artifactId>parent</artifactId>
<version>0.0.1-SNAPSHOT</version>
<packaging>pom</packaging>

<parent>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-parent</artifactId>
  <version>2.0.3.RELEASE</version>
  <relativePath/> <!-- lookup parent from repository -->
</parent>

<dependencies>
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter</artifactId>
  </dependency>

  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-test</artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-maven-plugin</artifactId>
    </plugin>
  </plugins>

  <defaultGoal>clean package</defaultGoal>
</build>
```

3. / 4. create maven submodules with parent not spring-boot-parent, but previously create one: **parent**

```
mkdir library application
touch library/pom.xml application/pom.xml
```

## *library*

```
<artifactId>application</artifactId>
<packaging>jar</packaging>

<parent>
  <groupId>com.github.daggerok</groupId>
  <artifactId>parent</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <relativePath>../parent</relativePath>
</parent>

<dependencies>
  <dependency>
    <groupId>com.github.daggerok</groupId>
    <artifactId>library</artifactId>
    <version>0.0.1-SNAPSHOT</version>
  </dependency>
</dependencies>
```

## *application*

```
<artifactId>application</artifactId>
<packaging>jar</packaging>

<parent>
  <groupId>com.github.daggerok</groupId>
  <artifactId>parent</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <relativePath>../parent</relativePath>
</parent>

<dependencies>
  <dependency>
    <groupId>com.github.daggerok</groupId>
    <artifactId>library</artifactId>
    <version>0.0.1-SNAPSHOT</version>
  </dependency>
</dependencies>
```

# Chapter 3. Links

- [GitHub repo](#)
- [GitHub pages](#)