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

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Travis CI status: [Build Status]

Chapter 1. Introduction

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

maven

```
./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

```xml
<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

```xml
    <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

```xml
<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

```xml
<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