

# 05-Springboot入门

## POM文件

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>com.dudu</groupId>
  <artifactId>chapter1</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <packaging>jar</packaging>

  <name>chapter1</name>
  <description>Demo project for Spring Boot</description>

  <parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>1.5.1.RELEASE</version>
    <relativePath/> <!-- lookup parent from repository -->
  </parent>

  <properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    <project.reporting.outputEncoding>UTF-
8</project.reporting.outputEncoding>
    <java.version>1.8</java.version>
  </properties>

  <dependencies>
    <dependency>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-web</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>
</build>
</project>
```

## 程序入口

---

```
// Application.java
package hello;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class Application {

    public static void main(String[] args) {
        SpringApplication.run(Application.class, args);
    }

}
```

## Controller

---

```
// HelloController.java
package hello;

import org.springframework.web.bind.annotation.RestController;
import org.springframework.web.bind.annotation.RequestMapping;

@RestController
public class HelloController {

    @RequestMapping("/")
    public String index() {
        return "Greetings from Spring Boot!";
    }

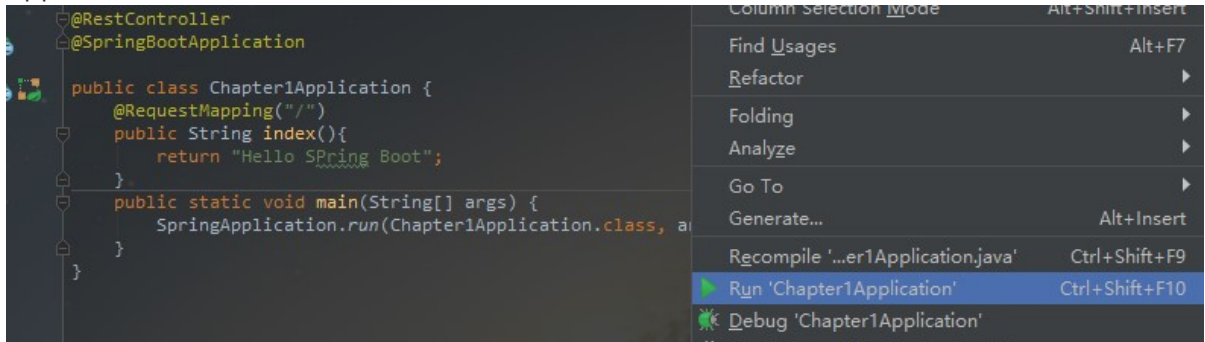
}
```

# 启动和浏览器访问

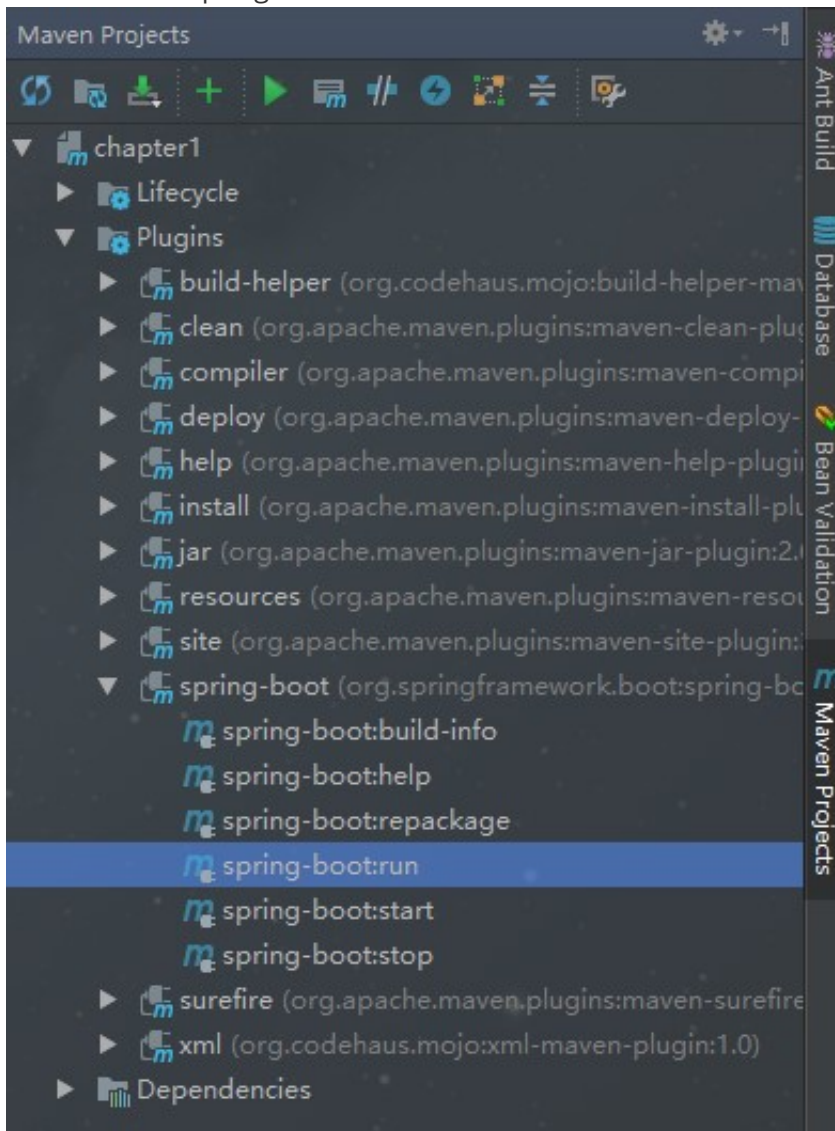
## 启动

启动项目有三种方式：

- Application的main方法

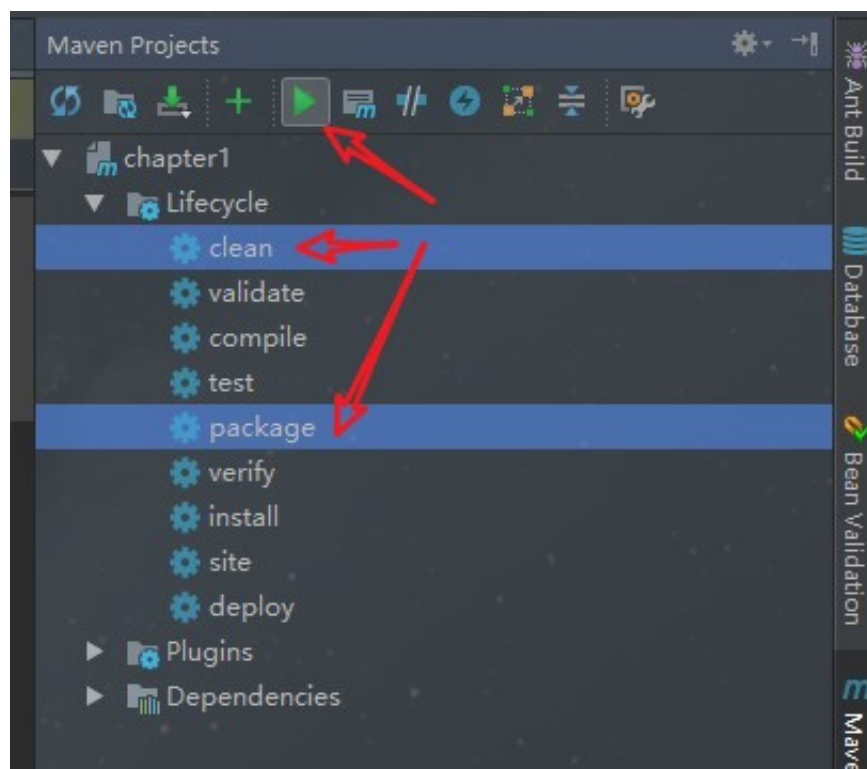


- 使用命令 mvn spring-boot:run”在命令行启动该应用



- 运行“mvn package”进行打包时，会打包成一个可以直接运行的 JAR 文件，使用“java -jar”命令就

可以直接运行。



```
MINGW64:/e/springBootPro/chapter1/target

tengj@DESKTOP-FG8EEPC MINGW64 /e/springBootPro/chapter1/target (master)
$ java -jar chapter1-0.0.1-SNAPSHOT.jar

:: Spring Boot :: (v1.5.1.RELEASE)

2017-02-25 22:33:57.724 INFO 9264 --- [main] com.dudu.Chapter1Application
: Starting Chapter1Application v0.0.1-SNAPSHOT on DESKTOP-FG8EEPC with PID 9264 (E:\springBootPro\chapter1\target\chapter1-0.0.1-SNAPSHOT.jar
started by tengj in E:\springBootPro\chapter1\target)
2017-02-25 22:33:57.740 INFO 9264 --- [main] com.dudu.Chapter1Application
: No active profile set, falling back to default profiles: default
2017-02-25 22:33:58.044 INFO 9264 --- [main] ationConfigEmbeddedWebA
pplicationContext : Refreshing org.springframework.boot.context.embedded.AnnotationConfigEmbeddedWebApplicationContext@5f4da5c3: startup date [Sat Feb 25 22:33:
58 CST 2017]; root of context hierarchy
```

chapter1-0.0.1-SNAPSHOT.jar	2017/2/25 22:33	Executable Jar File	13,991 KB
chapter1-0.0.1-SNAPSHOT.jar.original	2017/2/25 22:33	ORIGINAL 文件	3 KB

## 浏览器访问

← → ↻ ⓘ localhost:8080

Greetings from Spring Boot!