

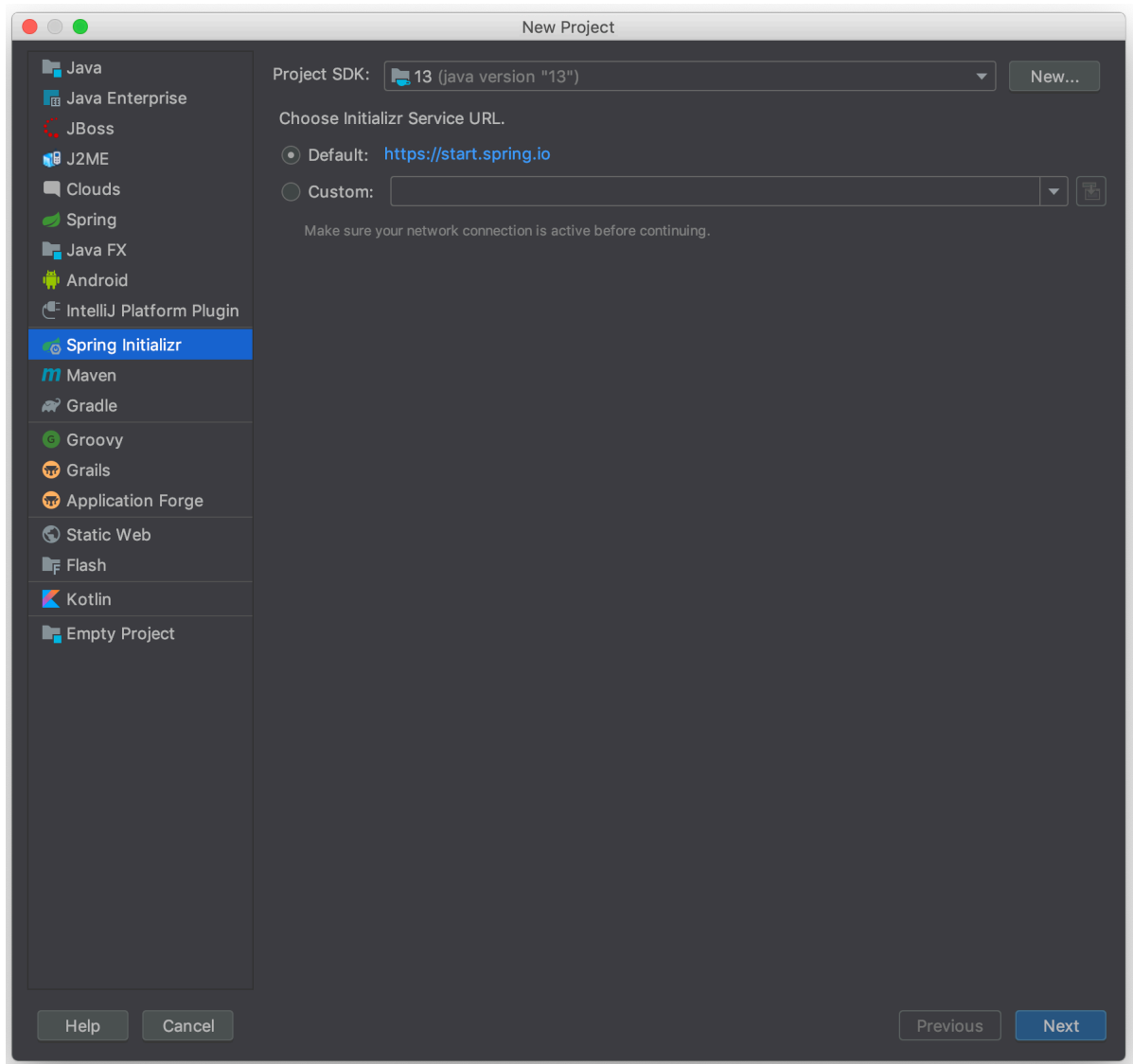
SpringBoot学习

SpringBoot学习

- 创建SpringBoot工程
- 项目结构
- 添加Controller
- 配置maven
- 运行SpringBoot

创建SpringBoot工程

- 创建Spring Initializer项目



- 填写group和artifact

New Project

Project Metadata

Group: doublez

Artifact: study

Type: Maven Project (Generate a Maven based project archive) ▼

Language: Java ▼

Packaging: Jar ▼

Java Version: 8 ▼

Version: 0.0.1-SNAPSHOT

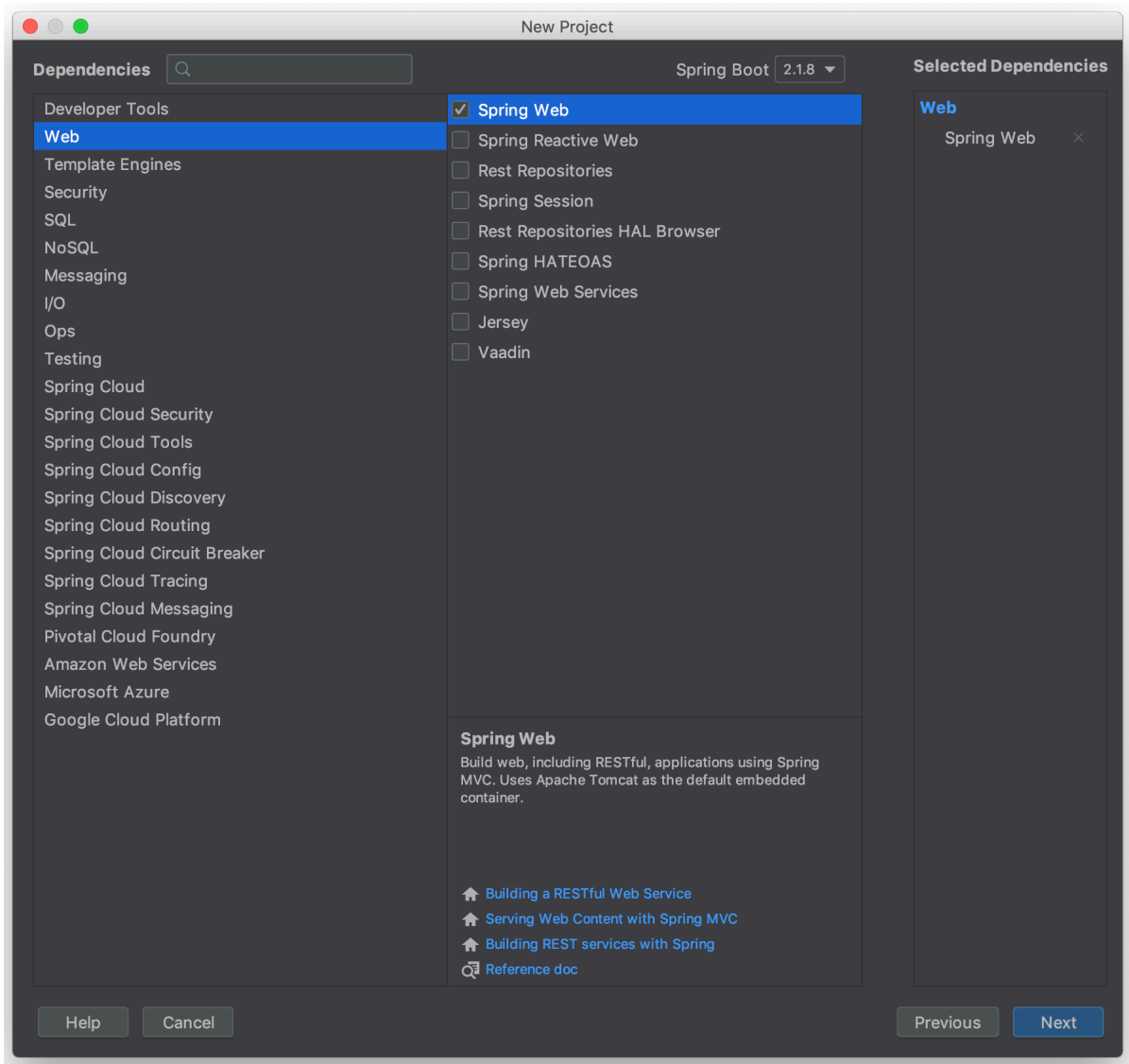
Name: study

Description: Demo project for Spring Boot

Package: doublez.study

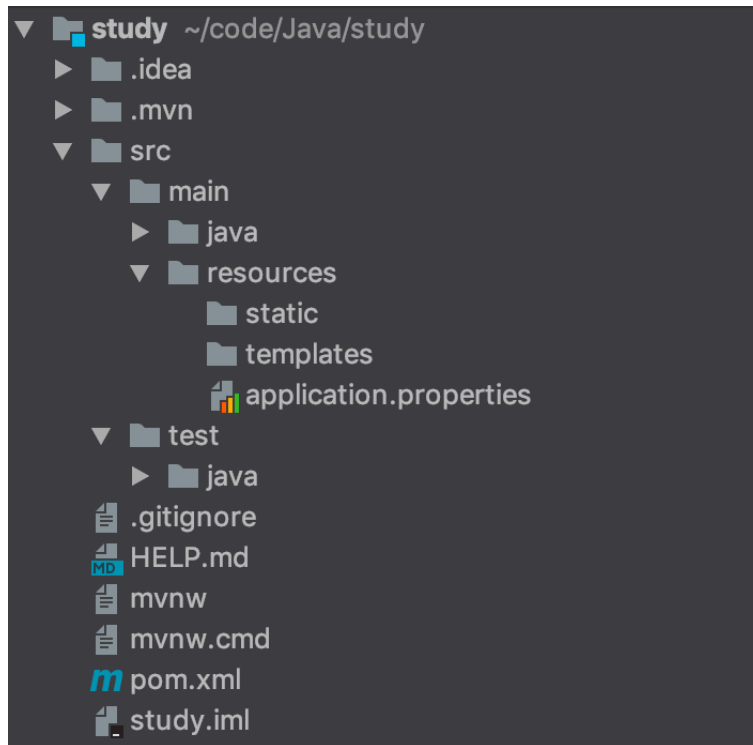
Help Cancel Previous Next

- 开启web功能



项目结构

```
- src
  -main
    -java
      -package
        -SpringBootApplication    //程序的入口
    -resources
      - statics                  //静态资源
      - templates                //模板资源
      - application.yml          //配置文件
  -test
- pom                            //基本的依赖管理文件
```



添加Controller

- 在java文件夹中新建Controller

```
package doublez.study;

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

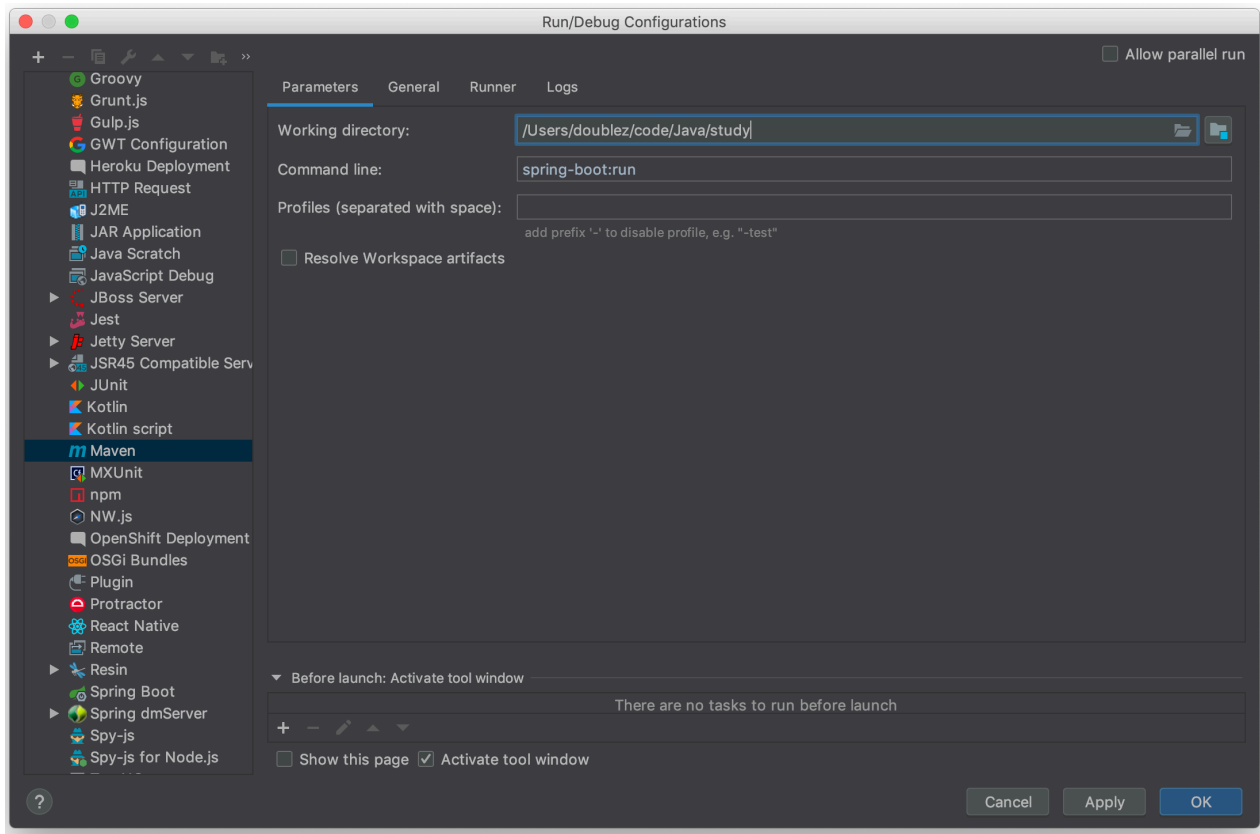
@RestController
public class HelloController {

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

}
```

配置maven

- Edit Configuration -> Add New Configuration -> Maven -> Apply -> OK
- Work directory 设置为该项目的目录
- Command Line 为 Spring-boot:run



运行SpringBoot

```
/Library/Java/JavaVirtualMachines/jdk-13.jdk/Contents/Home/bin/java -Dmaven.multiModuleProjectDirectory=/Users/doublez/code/Java/study "-Dmaven.home=/Applications/IntelliJ IDEA.app/Contents
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building study 0.0.1-SNAPSHOT
[INFO]
[INFO]
[INFO] >>> spring-boot-maven-plugin:2.1.8.RELEASE:run (default-cli) > test-compile @ study >>>
[INFO]
[INFO] --- maven-resources-plugin:3.1.0:resources (default-resources) @ study ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 1 resource
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ study ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 2 source files to /Users/doublez/code/Java/study/target/classes
[INFO]
[INFO] --- maven-resources-plugin:3.1.0:testResources (default-testResources) @ study ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /Users/doublez/code/Java/study/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ study ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to /Users/doublez/code/Java/study/target/test-classes
[INFO]
[INFO] <<< spring-boot-maven-plugin:2.1.8.RELEASE:run (default-cli) < test-compile @ study <<<
[INFO]
[INFO] --- spring-boot-maven-plugin:2.1.8.RELEASE:run (default-cli) @ study ---

:: Spring Boot ::
(v2.1.8.RELEASE)

2019-09-24 18:24:33.541 INFO 8085 [main] doublez.study.StudyApplication : Starting StudyApplication on doubleZdeMacBook-Pro.local with PID 8085 (/Users/doublez/code
2019-09-24 18:24:33.543 INFO 8085 [main] doublez.study.StudyApplication : No active profile set, falling back to default profiles: default
2019-09-24 18:24:34.898 INFO 8085 [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2019-09-24 18:24:34.926 INFO 8085 [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2019-09-24 18:24:34.927 INFO 8085 [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.24]
2019-09-24 18:24:35.007 INFO 8085 [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2019-09-24 18:24:35.007 INFO 8085 [main] o.s.web.context.ContextLoader : Root WebApplicationContext: initialization completed in 1409 ms
2019-09-24 18:24:35.210 INFO 8085 [main] o.s.s.concurrent.ThreadPoolTaskExecutor : Initializing ExecutorService 'applicationTaskExecutor'
2019-09-24 18:24:35.393 INFO 8085 [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2019-09-24 18:24:35.399 INFO 8085 [main] doublez.study.StudyApplication : Started StudyApplication in 2.549 seconds (JVM running for 6.444)
```

