

后端SpringBoot配置流程

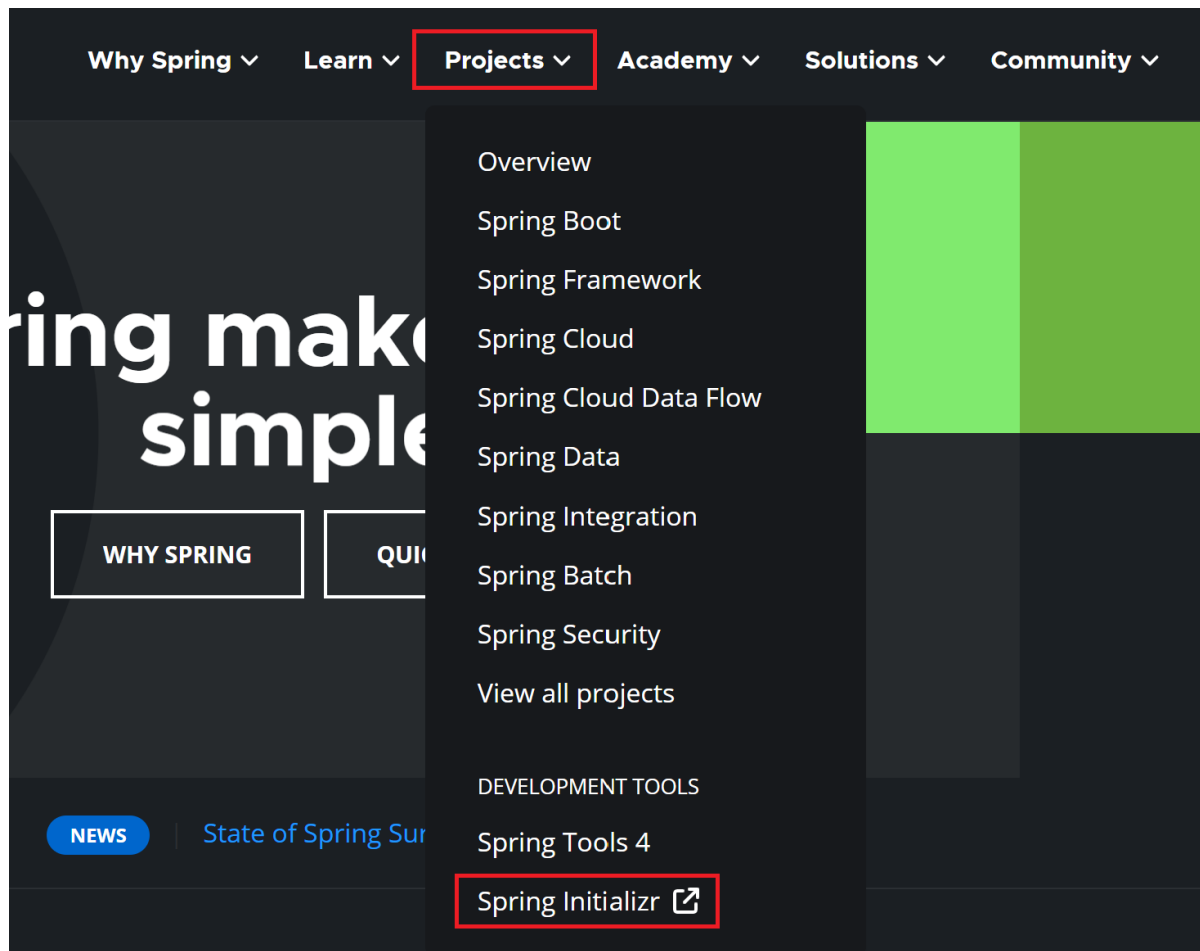
前期配置

由于我们使用的是maven项目。因此在创建spring boot项目之前要配置好maven

参考：[【精选】Maven超细致史上最全Maven下载安装配置教学（2023更新...全版本）建议收藏...赠送IDEA配置Maven教程 神兽汤姆猫的博客-CSDN博客](#)

初始化SpringBoot框架

1. 打开[SpringBoot官方链接](#)
2. 在上方导航栏找到**Projects**——**Spring Initializer**



3. 打开Spring Initializr, 得到以下界面

spring initializr

Project

☒ Gradle - Groovy ☐ Gradle - Kotlin ☒ Java ☐ Kotlin ☐ Groovy

☐ Maven

Spring Boot

☐ 3.2.0 (SNAPSHOT) ☐ 3.2.0 (RC1) ☐ 3.1.6 (SNAPSHOT) ☒ 3.1.5

☐ 3.0.13 (SNAPSHOT) ☐ 3.0.12 ☐ 2.7.18 (SNAPSHOT) ☐ 2.7.17

Project Metadata

Group

Artifact

Name

Description

Package name

Packaging ☒ Jar ☐ War

Java ☐ 21 ☒ 17 ☐ 11 ☐ 8

Dependencies ADD DEPENDENCIES... CTRL + B

No dependency selected

GENERATE CTRL + G EXPLORE CTRL + SPACE SHARE...

左边为设置板块, 右边是给spring boot添加的依赖

4. 相关设置

```
Project -- Maven
Language -- Java
SpringBoot -- 3.1.5
Project Metadata:
  Group -- TeachPlatform
  Artifact -- Run
Packaging -- jar
Java -- 21
```

Project

☐ Gradle - Groovy

☐ Gradle - Kotlin

☒ Maven

Language

☒ Java

☐ Kotlin

☐ Groovy

Spring Boot

☐ 3.2.0 (SNAPSHOT)☐ 3.2.0 (RC1)☐ 3.1.6 (SNAPSHOT)☒ 3.1.5

☐ 3.0.13 (SNAPSHOT)☐ 3.0.12☐ 2.7.18 (SNAPSHOT)☐ 2.7.17

Project Metadata

Group

com

Artifact

run

Name

run

Description

Demo project for Spring Boot

Package name

com.run

Packaging

☒ Jar

☐ War

Java

☒ 21

☐ 17

☐ 11

☐ 8

5. 导入依赖

Logbok

Spring web

MySQL Driver

Spring Data JDBC

MyBatis Framework

Dependencies

ADD DEPENDENCIES... CTRL + B

Lombok DEVELOPER TOOLS

Java annotation library which helps to reduce boilerplate code.

Spring Web WEB

Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.

Spring Data JDBC SQL

Persist data in SQL stores with plain JDBC using Spring Data.

MySQL Driver SQL

MySQL JDBC driver.

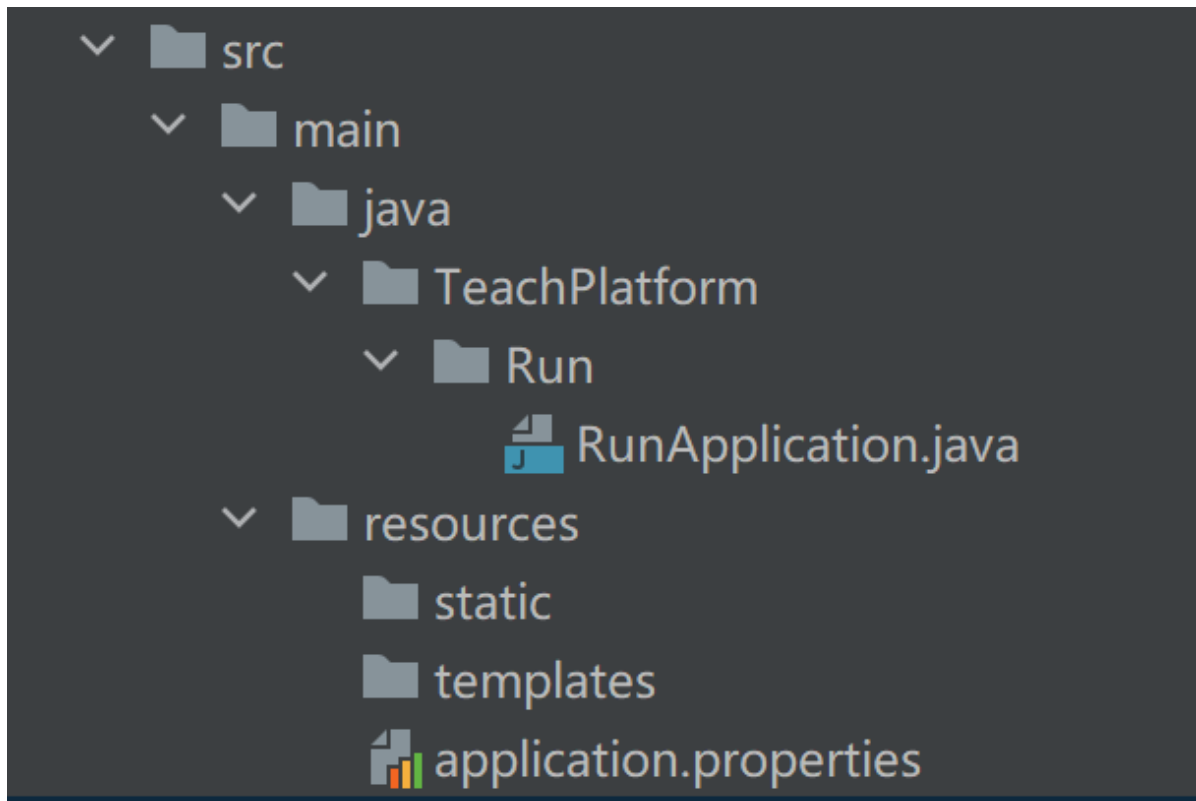
MyBatis Framework SQL

Persistence framework with support for custom SQL, stored procedures and advanced mappings. MyBatis couples objects with stored procedures or SQL statements using a XML descriptor or annotations.

6. 点击generate 生成压缩包

7. 然后将其解压到本地，修改文件夹名称为**Competition**

8. 打开IDEA，选择项目——打开——Competition项目文件夹



此为编辑代码文件夹

打开项目中的pom.xml文件查看是否相关依赖已配置

有时候会出现如下情况：

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

解决方案

使用 `dependencyManagement`，将所有的 `snakeyaml` 统一改成没有隐患的版本

```
<dependencyManagement>
  <dependencies>
    <dependency>
      <groupId>org.yaml</groupId>
      <artifactId>snakeyaml</artifactId>
      <version>2.0</version>
    </dependency>
  </dependencies>
</dependencyManagement>
```

点击maven的重新配置即可