

## 02、SpringBoot2入门

### 1、系统要求

- Java 8 <<https://www.java.com/>> & 兼容java14 .
- Maven 3.3+
- idea 2019.1.2

#### 1.1、maven设置

```
XML | Copy
1 <mirrors>
2   <mirror>
3     <id>nexus-aliyun</id>
4     <mirrorOf>central</mirrorOf>
5     <name>Nexus aliyun</name>
6     <url>http://maven.aliyun.com/nexus/content/groups/public</url>
7   </mirror>
8 </mirrors>
9
10 <profiles>
11   <profile>
12     <id>jdk-1.8</id>
13     <activation>
14       <activeByDefault>true</activeByDefault>
15     </activation>
16     <properties>
17       <maven.compiler.source>1.8</maven.compiler.source>
18       <maven.compiler.target>1.8</maven.compiler.target>
19       <maven.compiler.compilerVersion>1.8</maven.compiler.compilerVersion>
20     </properties>
21   </profile>
22 </profiles>
```

### 2、HelloWorld

需求：浏览发送/hello请求，响应 Hello， Spring Boot 2

#### 2.1、创建maven工程

#### 2.2、引入依赖

```
XML | Copy
1 <parent>
2   <groupId>org.springframework.boot</groupId>
3   <artifactId>spring-boot-starter-parent</artifactId>
4   <version>2.3.4.RELEASE</version>
5 </parent>
6
7
8 <dependencies>
9   <dependency>
10     <groupId>org.springframework.boot</groupId>
11     <artifactId>spring-boot-starter-web</artifactId>
12   </dependency>
13 </dependencies>
```

#### 2.3、创建主程序

Java | Copy

```
1  /**
2   * 主程序类
3   * @SpringBootApplication: 这是一个SpringBoot应用
4   */
5   @SpringBootApplication
6   public class MainApplication {
7
8       public static void main(String[] args) {
9           SpringApplication.run(MainApplication.class,args);
10      }
11  }
```

## 2.4、编写业务

Java | Copy

```
1  @RestController
2  public class HelloController {
3
4
5      @RequestMapping("/hello")
6      public String handle01(){
7          return "Hello, Spring Boot 2!";
8      }
9
10
11 }
```

## 2.5、测试

直接运行main方法

## 2.6、简化配置

application.properties

XML | Copy

```
1  server.port=8888
```

## 2.7、简化部署

XML | Copy

```
1  <build>
2      <plugins>
3          <plugin>
4              <groupId>org.springframework.boot</groupId>
5              <artifactId>spring-boot-maven-plugin</artifactId>
6          </plugin>
7      </plugins>
8  </build>
```

把项目打成jar包，直接在目标服务器执行即可。

注意点：

- 取消掉cmd的快速编辑模式

url=https%3A%2F%2Fwww.yuque.com%2Ffatguigu%2Fspringboot%2Fcfeme&pic=null&title=02%E3%80%