



SPRING BOOT  
USING JAVA





# 1 INTRODUCTION

Spring Boot is a framework designed to simplify the development of new Spring applications. It takes an opinionated view of the Spring platform and third-party libraries, so you can get started with minimum configuration.



# 2 KEY-FEATURES

- \*) Autoconfiguration
- \*) Standalone
- \*) Production-ready
- \*) Microservices

# 3 DIRECTORY

```
├─ src
│   ├── main
│   │   ├── java
│   │   │   ├── com
│   │   │   │   ├── example
│   │   │   │   │   ├── demo
│   │   │   │   │   │   ├── DemoApplication.java
│   │   │   │   │   │   └── controller
│   │   │   │   │   │       └── HelloController.java
│   │   │   └── resources
│   │   │       └── application.properties
│   └── pom.xml
```

# 4 MAIN FILE

```
Basics.java x
1 package Basics.Spring;
2 import org.springframework.boot.SpringApplication;
3 import org.springframework.boot.autoconfigure.SpringBootApplication;
4
5 @SpringBootApplication
6 public class Basics {
7     public static void main(String[] args) {
8         SpringApplication.run(DemoApplication.class, args);
9     }
10 }
11
```



# 4 CREATING A REST CONTROLLER

```
Basics.java  Rest.java x
1 package Basics.Spring;
2 import org.springframework.web.bind.annotation.GetMapping;
3 import org.springframework.web.bind.annotation.RestController;
4
5
6 @RestController no usages
7 public class Rest {
8     @GetMapping("/hello") no usages
9     public String sayHello() {
10         return "Hello, Spring Boot!";
11     }
12 }
13
14
```

# 5 RUNNING SPRING

```
mvn spring-boot:run
```

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