

Instalación

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1. Extensions




Make sure you have Java version 17 or higher, to do this, run the following command in cmd or the shell

```
java -version
```

Install these extensions

**Debugger for Java** ⌚ 10ms
A lightweight Java debugger fo...
🛡️ Microsoft ⚙️

**Spring Boot Extension Pack**
A collection of extensions for d...
🛡️ VMware ⚙️

2. Maven and Spring Installation Guide


It's not necessary for you to install them for now, it seems that it was only needed to start the project.

Getting Started

If you are getting started with Spring Boot, or "Spring" in general, start by reading this section.

It answers the basic "what?", "how?" and "why?" questions.

It includes an introduction to Spring Boot, along with installation instructions.

 <https://docs.spring.io/spring-boot/docs/current/reference/html/getting-started.html>

3. Project Startup

Once you open the project, you need to wait for the project to set up. You can see this at the bottom right.

Once it's done, to start the project you should go to the `BackendApplication.java` file located in main/backend.

```
@SpringBootApplication
public class BackendApplication {

    Run | Debug
    public static void main(String[] args) {
        SpringApplication.run(BackendApplication.class, args);
    }
}
```

And click on the run button next to the method. After that, the console should open and display the following:

```

Spring
:: Spring Boot :: (v2.2.2)

2024-02-06T18:30:55.537+01:00 INFO 5406 --- [main] es.codeurjc.backend.BackendApplication : Starting BackendApplication using Java 17.0.10 with PID 5406 (/Users/jakuru/Git/webapp06/backend/target/classes started by jakuru in /Users/jakuru/Git/webapp06/backend)
2024-02-06T18:30:55.539+01:00 INFO 5406 --- [main] es.codeurjc.backend.BackendApplication : No active profile set, falling back to 1 default profile: "default"
2024-02-06T18:30:55.968+01:00 INFO 5406 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2024-02-06T18:30:55.974+01:00 INFO 5406 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2024-02-06T18:30:55.974+01:00 INFO 5406 --- [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.18]
2024-02-06T18:30:56.005+01:00 INFO 5406 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2024-02-06T18:30:56.006+01:00 INFO 5406 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 441 ms
2024-02-06T18:30:56.082+01:00 DEBUG 5406 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : 3 mappings in 'requestMappingHandlerMapping'
2024-02-06T18:30:56.106+01:00 DEBUG 5406 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Patterns [/webjars/**, /**] in 'resourceHandlerMapping'
2024-02-06T18:30:56.115+01:00 DEBUG 5406 --- [main] s.w.s.m.m.a.RequestMappingHandlerAdapter : ControllerAdvice beans: 0 @ModelAttribute, 0 @InitBinder, 1 RequestBodyAdvice, 1 ResponseBodyAdvice
2024-02-06T18:30:56.129+01:00 DEBUG 5406 --- [main] .m.m.a.ExceptionHandlerExceptionResolver : ControllerAdvice beans: 0 @ExceptionHandler, 1 ResponseBodyAdvice
2024-02-06T18:30:56.173+01:00 INFO 5406 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path ''
2024-02-06T18:30:56.178+01:00 INFO 5406 --- [main] es.codeurjc.backend.BackendApplication : Started BackendApplication in 0.839 seconds (process running for 1.03)
```

4. Functionality Test

To test that the project is working, use the following address:

<http://localhost:8080/greeting>

You should see a "Hola Mundo" message.