

Aluno: Fabiano Martins dos Santos

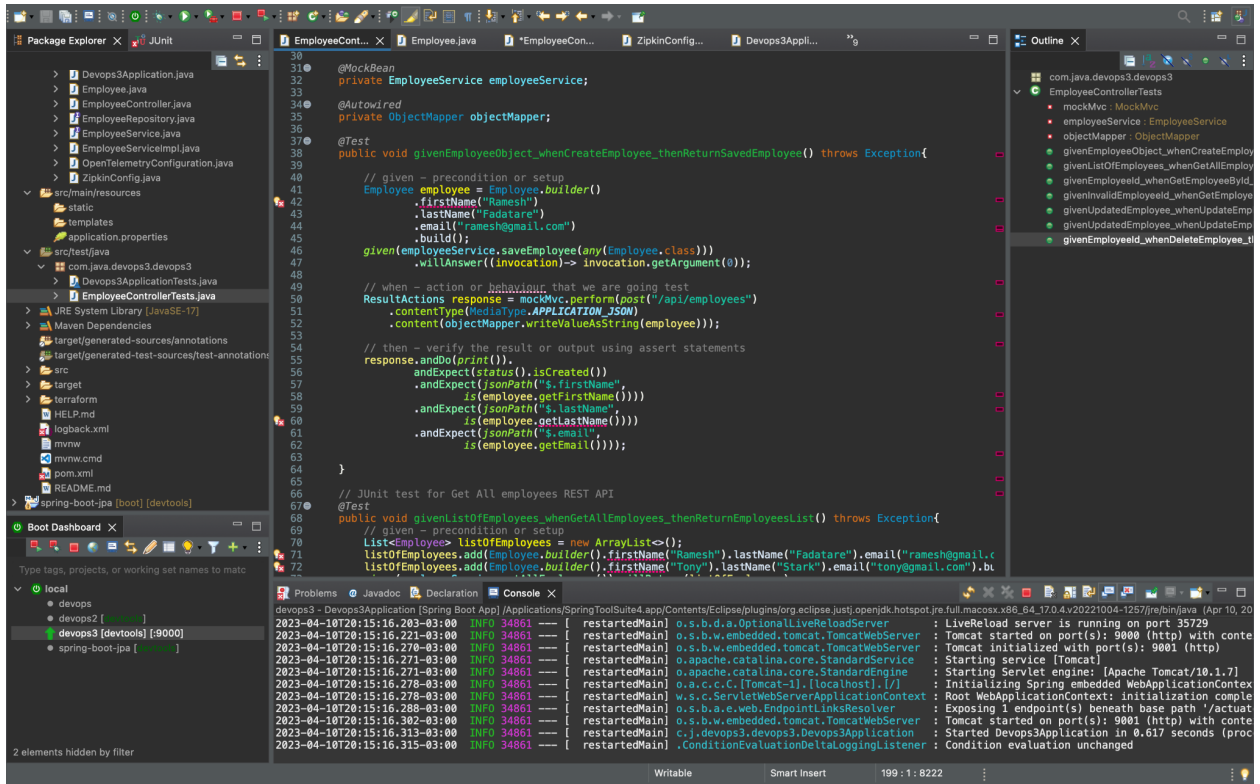
Link do repositório: <https://github.com/fabemiliano/devops-java>

CRUD

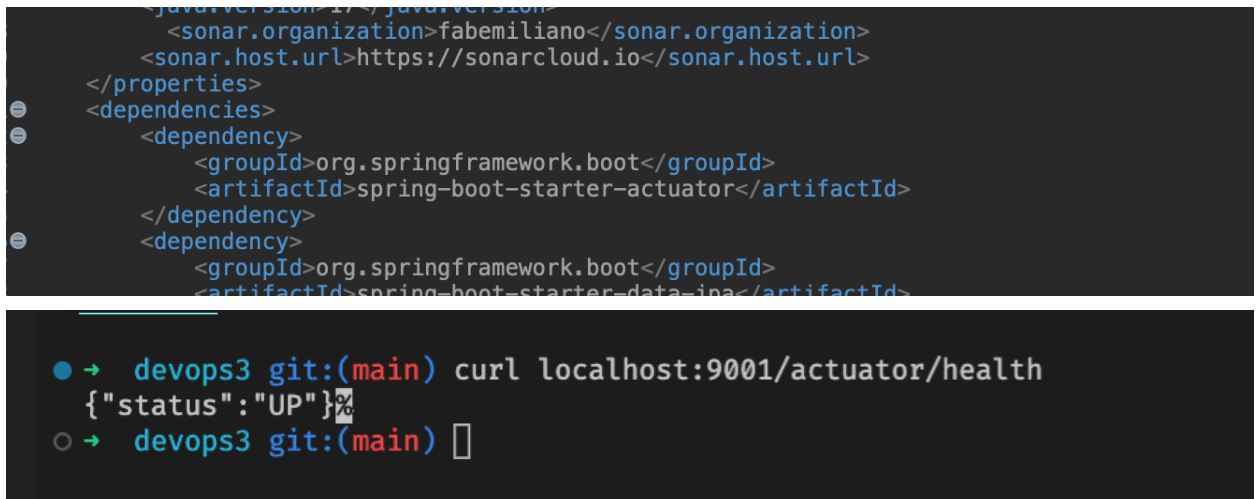
The screenshot displays an IDE with the following components:

- Package Explorer:** Shows the project structure with files like `DevOps3Application.java`, `Employee.java`, `EmployeeController.java`, `EmployeeRepository.java`, `EmployeeService.java`, `EmployeeServiceImpl.java`, `OpenTelemetryConfiguration.java`, and `ZipkinConfig.java`.
- Editor:** Displays the `EmployeeController.java` file. The code includes imports for `org.springframework.http.HttpStatus` and `org.springframework.web.bind.annotation`. It defines a `Tracer` and an `EmployeeService` dependency. The controller has four methods: `createEmployee` (POST), `getAllEmployees` (GET), `getEmployeeById` (GET), and `updateEmployee` (PUT). Each method is annotated with `@PostMapping`, `@GetMapping`, `@PutMapping`, and `@ResponseStatus` respectively.
- Outline:** Shows the class hierarchy and methods of the `EmployeeController` class.
- Console:** Displays the application logs, including the startup of the `DevOps3Application` and the `Tomcat` web server. The logs show the application starting on port 9000 and the `Tomcat` server starting on port 9001.

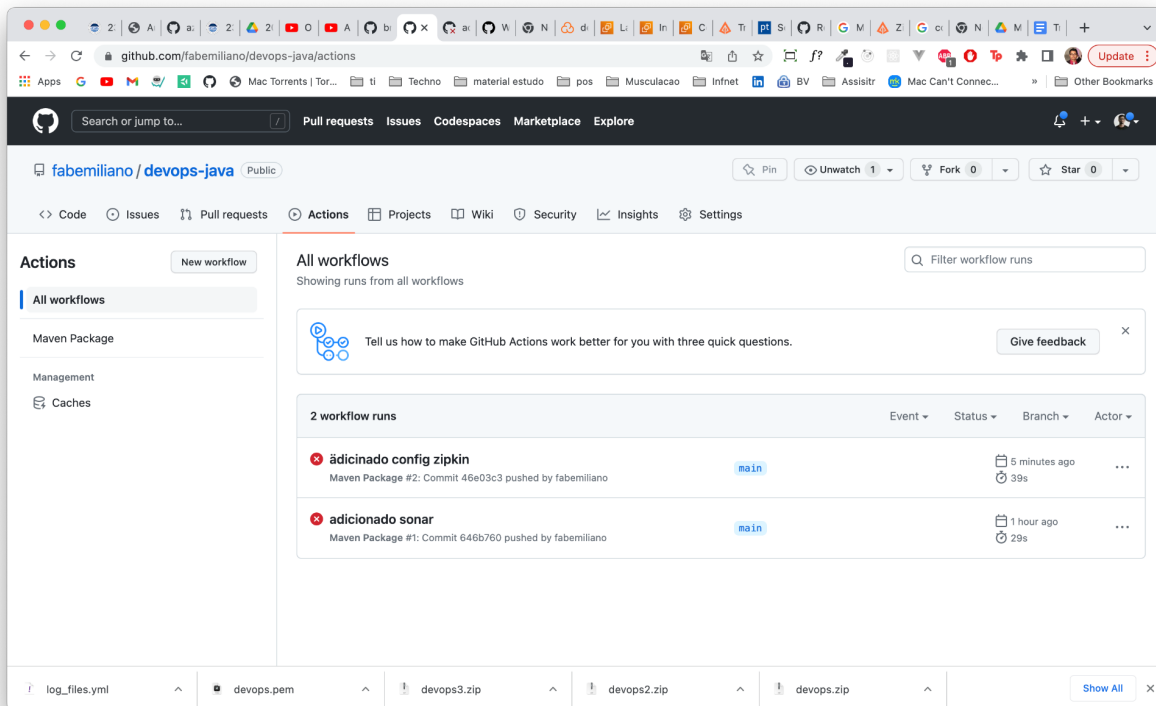
Testes



Actuator

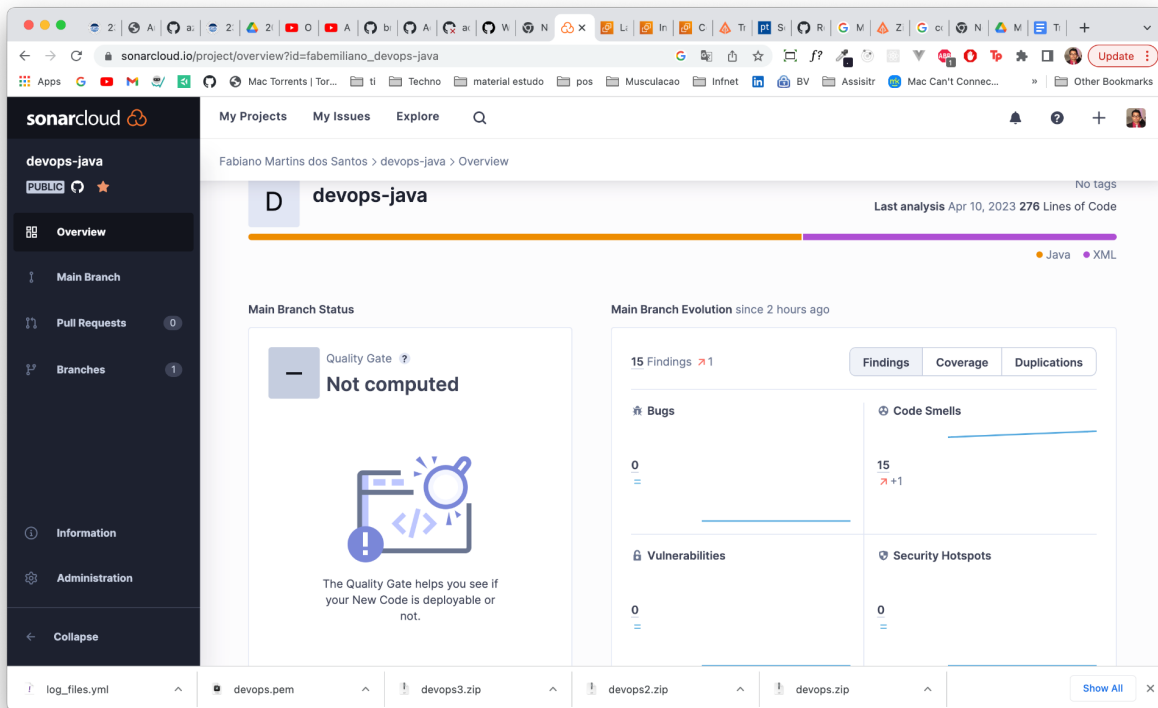


Esteria no github actions

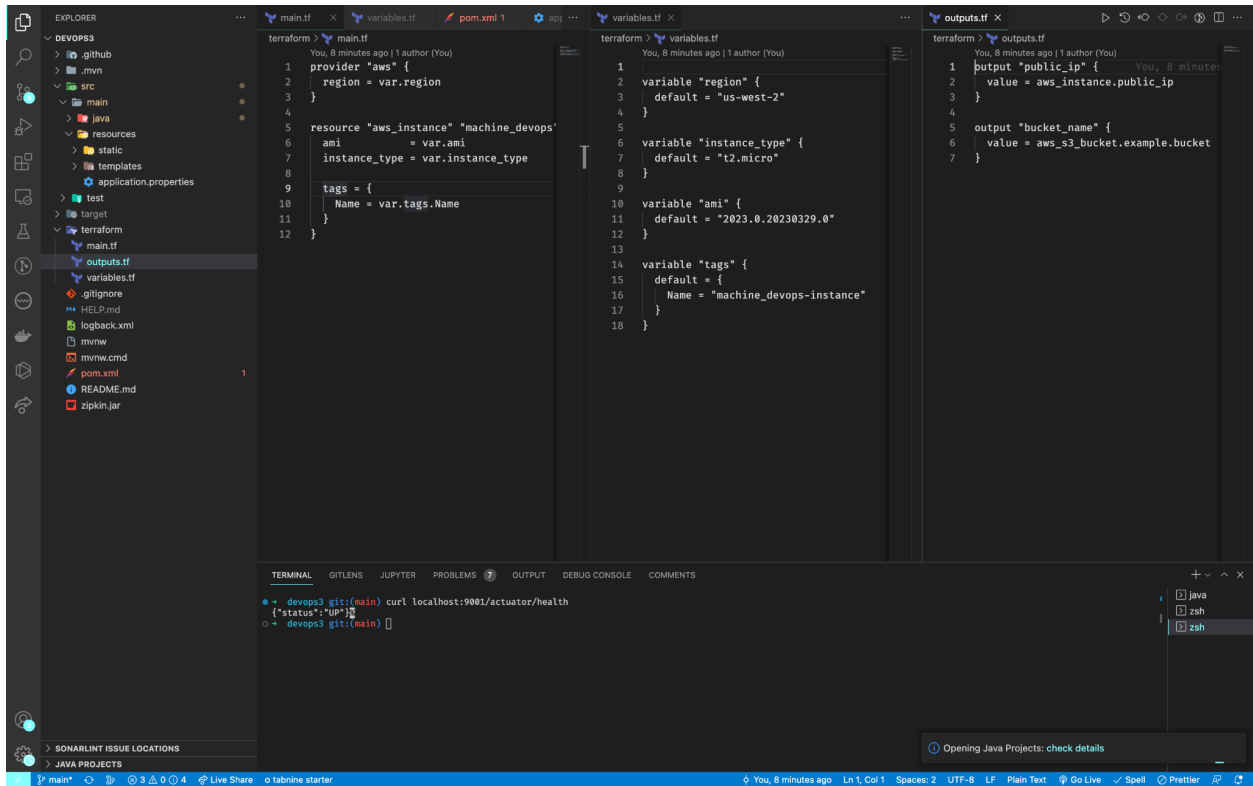


Sonar adicionado

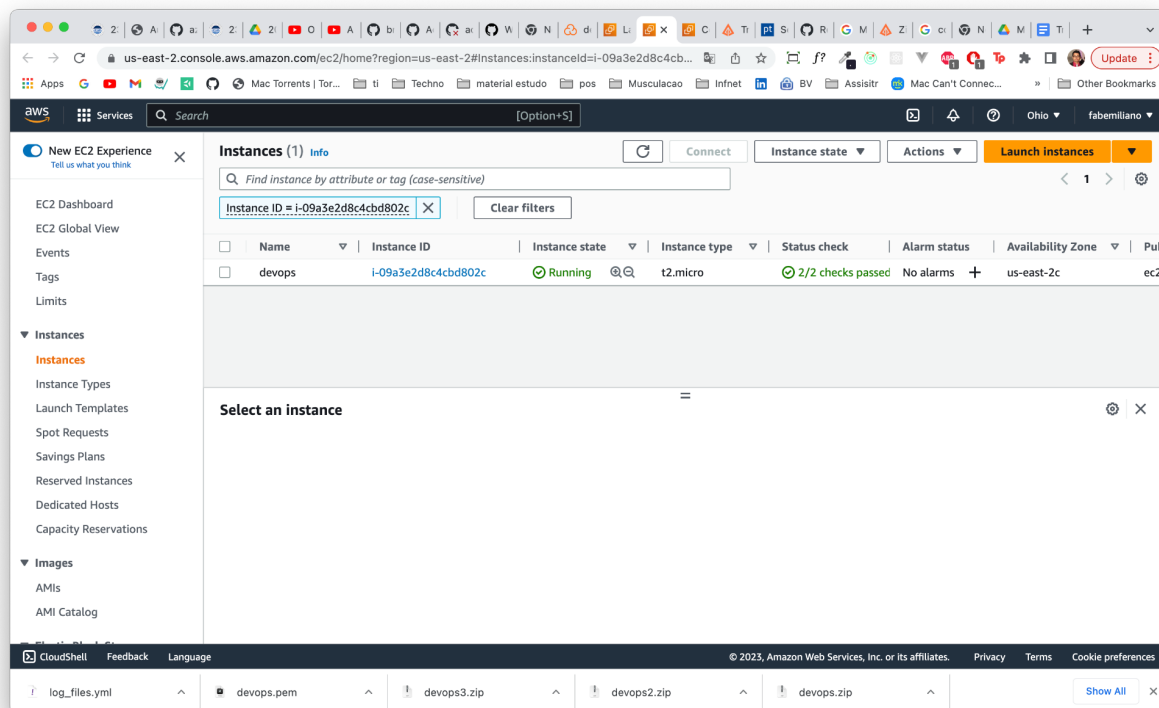
```
name: devops-sonar
<description>Demo project for Spring Boot</description>
<properties>
  <java.version>17</java.version>
  <sonar.organization>fabemiliano</sonar.organization>
  <sonar.host.url>https://sonarcloud.io</sonar.host.url>
</properties>
<dependencies>
  <dependency>
```



Terraform



Instancia EC2



Dependencia do papertrail, micrometer e zipkin

```
59 </dependency>
60 <dependency>
61   <groupId>io.micrometer</groupId>
62   <artifactId>micrometer-registry-prometheus</artifactId>
63 </dependency>
64 <dependency>
65   <groupId>com.papertrailapp</groupId>
66   <artifactId>logback-syslog4j</artifactId>
67   <version>1.0.3</version>
68 </dependency>
69
70 <dependency>
71   <groupId>io.opentelemetry</groupId>
72   <artifactId>opentelemetry-api</artifactId>
73   <version>1.7.0</version>
74 </dependency>
75
76 <dependency>
77   <groupId>io.opentelemetry</groupId>
78   <artifactId>opentelemetry-sdk-trace</artifactId>
79   <version>1.7.0</version>
80 </dependency>
81
82 <dependency>
83   <groupId>io.opentelemetry</groupId>
84   <artifactId>opentelemetry-exporter-zipkin</artifactId>
85   <version>1.7.0</version>
86 </dependency>
87
88
```

Zipkin na oporta 9411

