Instituto Federal de Educação, Ciência e Tecnologia de Guarulhos
Guarulhos
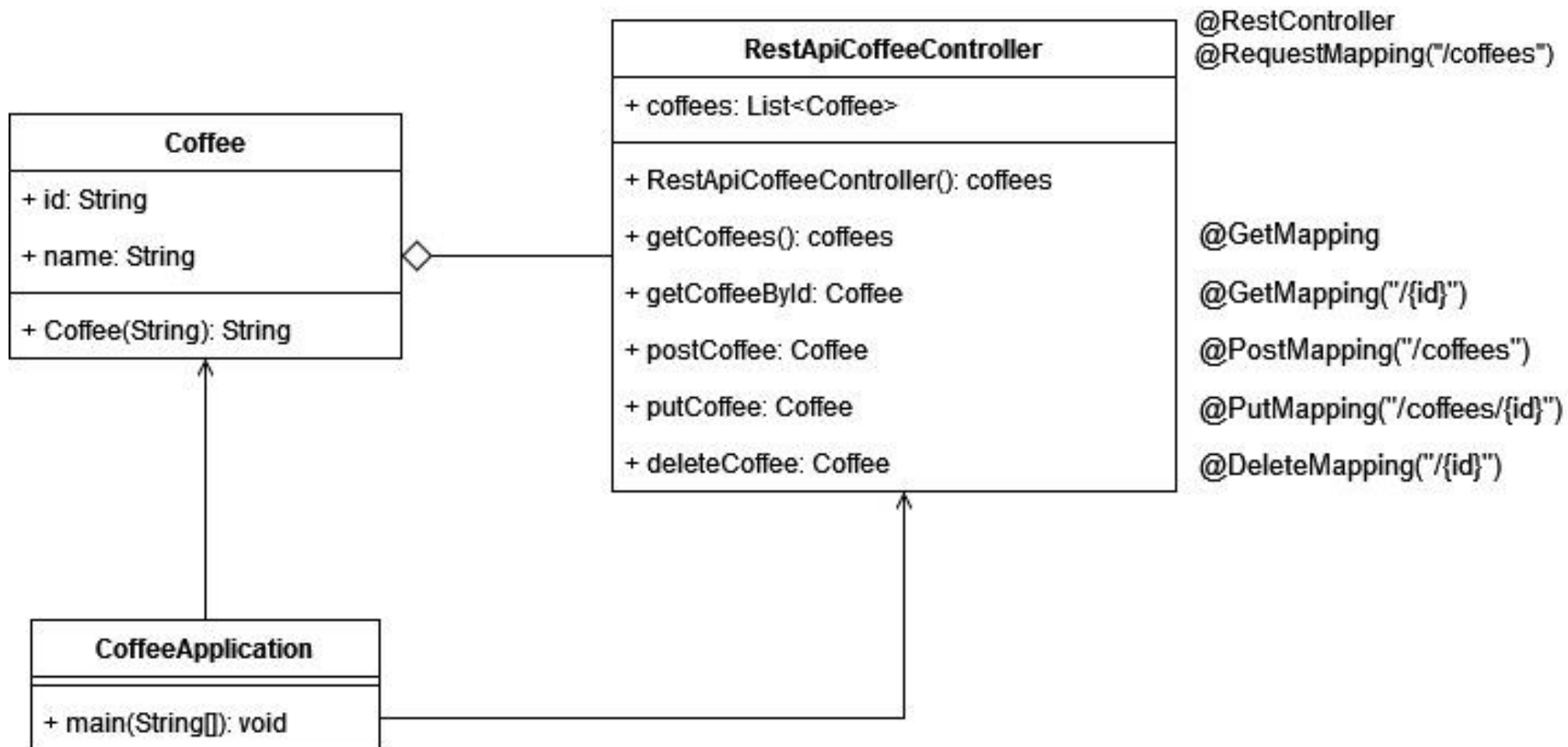
Desenvolvimento de APIs REST

Objetivos

➢ REST API Coffee com Spring Boot

Visão geral da API Coffee

Criação de um projeto SpringBoot

Acessar: https://start.spring.io/

spring initializr

Project
- ○ Gradle - Groovy
- ○ Gradle - Kotlin
- ● Maven

Spring Boot
- ○ 3.1.0 (SNAPSHOT)
- ○ 3.1.0 (M1)
- ○ 3.0.5 (SNAPSHOT)
- ● 3.0.4
- ○ 2.7.10 (SNAPSHOT)
- ○ 2.7.9

Project Metadata

Group: br.com.ifsp

Artifact: coffee

Name: coffee

Description: Coffee shop project for Spring Boot

Package name: br.com.ifsp.coffee

Packaging: ● Jar ○ War

Java: ○ 19 ● 17 ○ 11 ○ 8

Language
- ● Java
- ○ Kotlin
- ○ Groovy

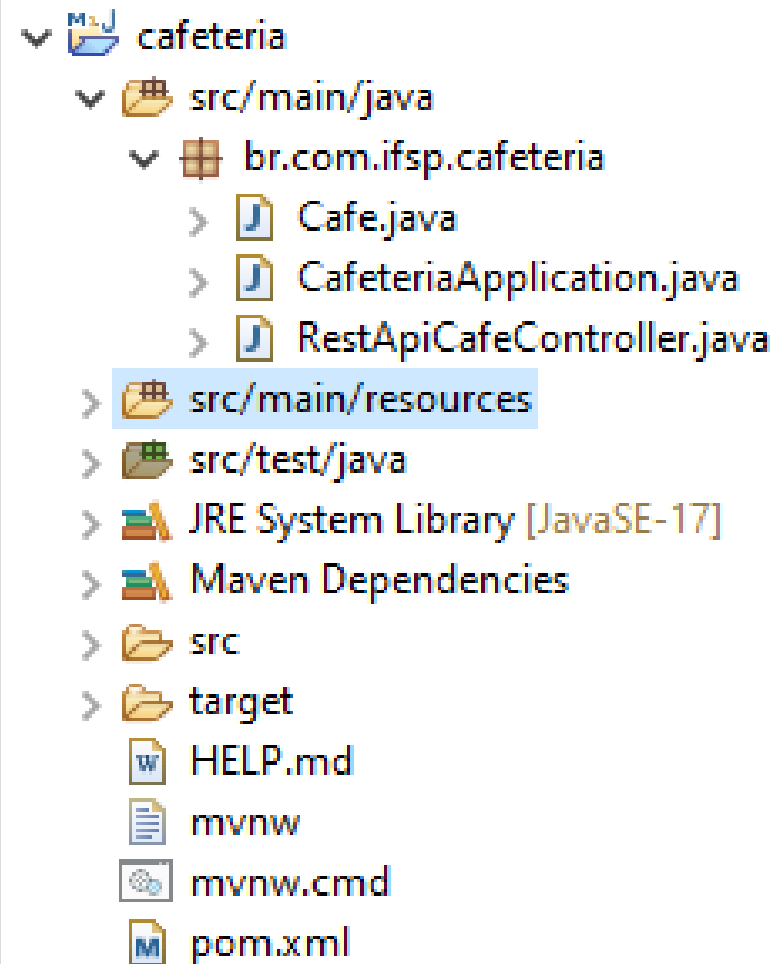**Dependencies**

ADD DEPENDENCIES... CTRL + B

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

Spring Boot DevTools `DEVELOPER TOOLS`
Provides fast application restarts, LiveReload, and configurations for enhanced development experience.

Importar para o eclipse como projeto do tipo maven

Utilizar o POSTMAN

https://www.postman.com/

Questões complementares

Moodle - semana 4

Bibliografia

- https://spring.io/cloud

- https://www.javaguides.net/2022/04/search-rest-api-using-spring-boot.html

- https://spring.io/guides/gs/accessing-data-mysql/

- Capítulo 3 do livro Spring Boot Up & Running – Building Cloud Native Java and Kotlin Applications – O'Reilly

- https://www.rfc-editor.org/rfc/rfc9110.html#PUT

- https://www.w3schools.com/java/java_data_types.asp

- https://www.iana.org/assignments/http-status-codes/http-status-codes.xhtml

- https://www.mokaclube.com.br/blog/tipos-de-graos-de-cafe/