Instructions for Setting Up and Running the Application

“Labseq Sequence”

Overview

The application consists of two independent services:

1. Back-end: Implemented in Quarkus, responsible for the logic and provision a REST API.
2. Front-end: Developed in Angular, responsible for the graphical interface for user interaction.

These services are executed using Docker, which automates the creation, configuration, and execution of the containers.

**Prerequisites**

1. Docker: [Installation Guide](https://docs.docker.com/get-started/introduction/get-docker-desktop/)
2. Docker Compose: [Installation Guide](https://docs.docker.com/compose/)

**Construir e Executar Container**

Execute o seguinte comando no diretório onde está o ficheiro *docker-compose.yml*:

docker-compose up --build

Este comando:

* Constrói as imagens Docker para os dois serviços.
* Inicia o container com base nas configurações do ficheiro *docker-compose.yml.*

**Aceder à aplicação**

* Para aceder à interface gráfica - <http://localhost:4200>.
* Para aceder à API - <http://localhost:8080>.

**Comandos Adicionais**

* Para encerrar o container: docker-compose down
* Para remover imagens e container (limpar o ambiente): docker-compose down --rmi all