

Task2: Microservices Architecture and Deployment

3. saleor platform repo steps to run a saleor stack

To clone the repository, run the following command

```
$ git clone https://github.com/saleor/saleor-platform.git
```

Go to the cloned dir

```
$ cd saleor-platform
```

Build the application

```
$ docker compose build
```

Apply Django migration

```
$ docker compose run --rm api python3 manage.py migrate
```

Populate the database with example data and create the admin user:

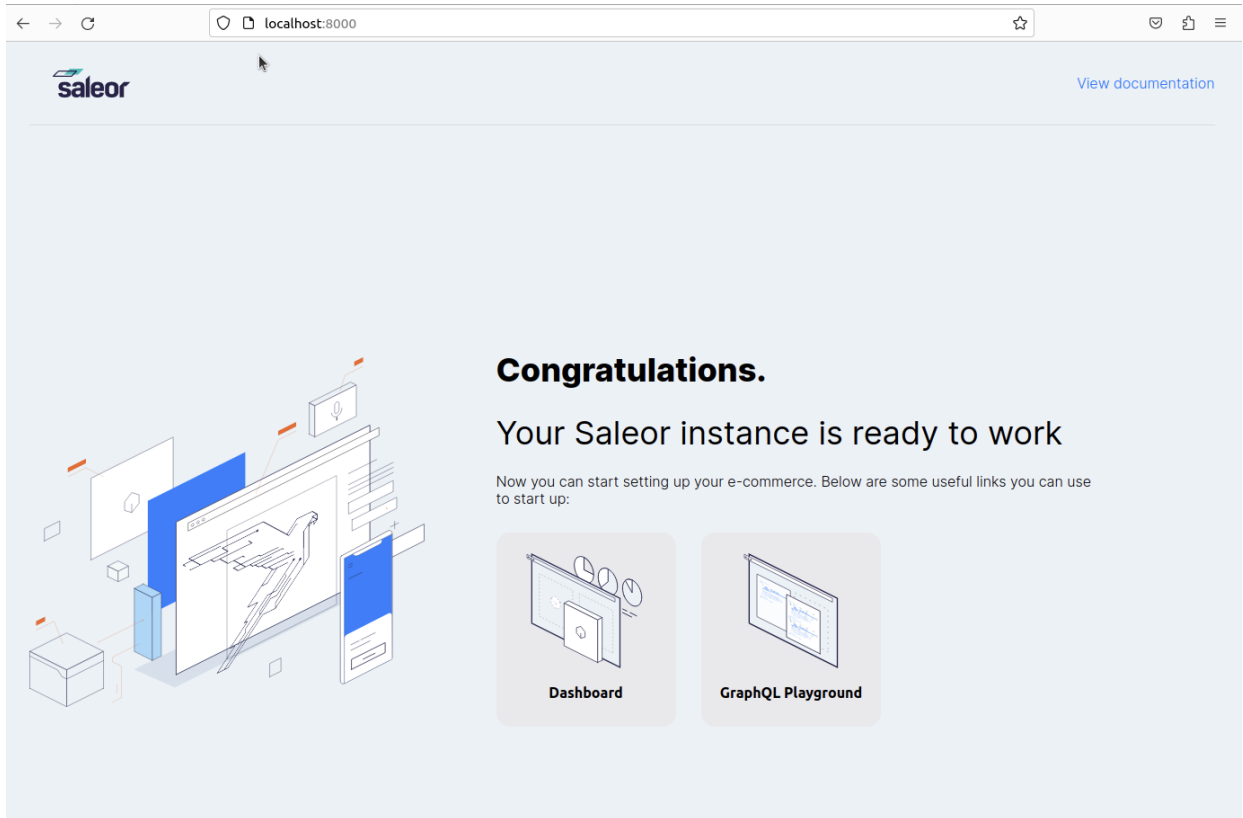
```
$ docker compose run --rm api python3 manage.py populatedb --  
createsuperuser
```

Run the app

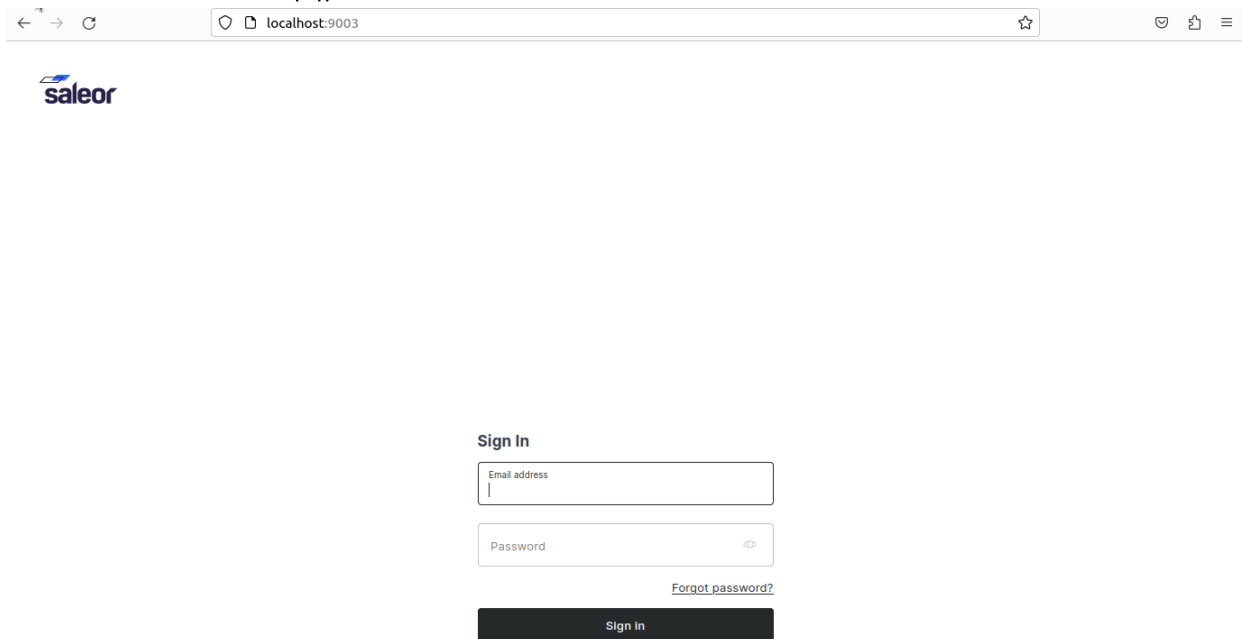
```
$ docker compose up
```

Where is the application running?

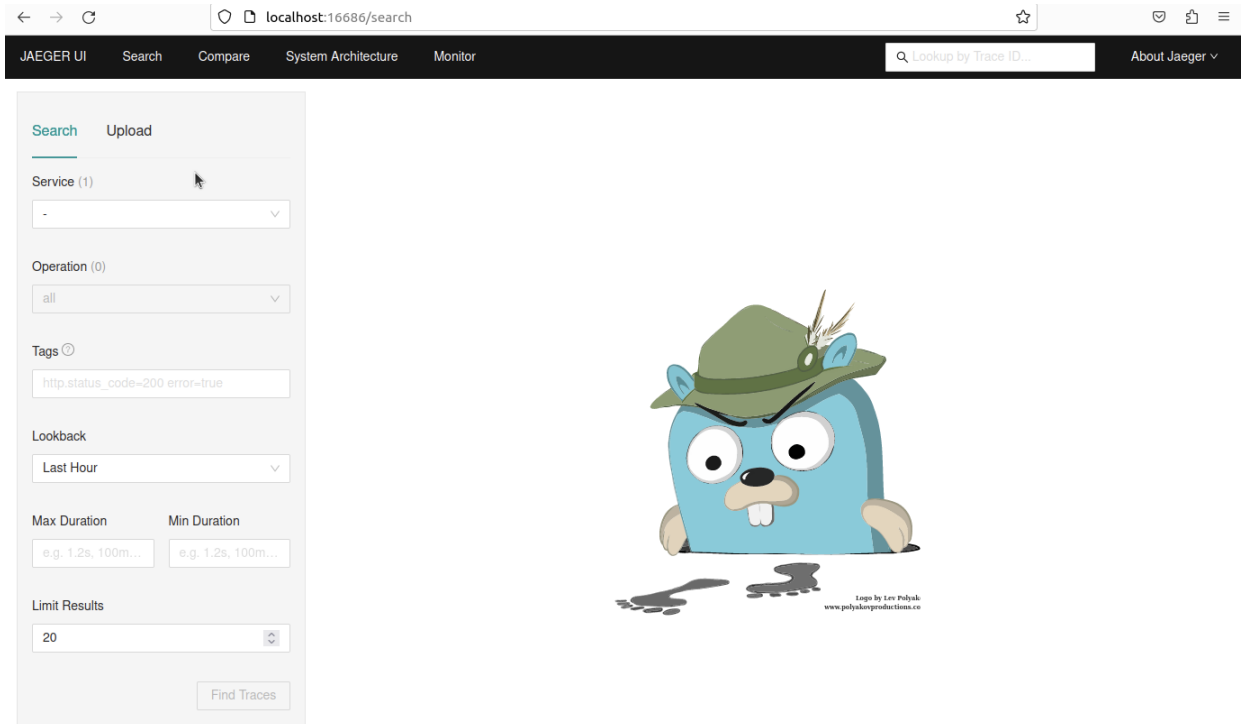
- Saleor Core (API) - <http://localhost:8000>



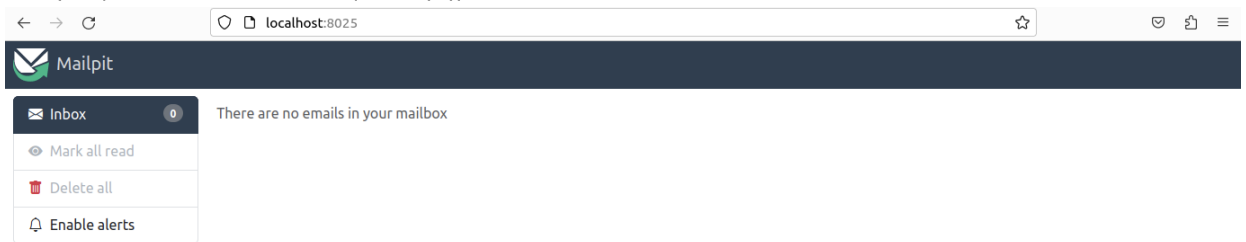
- Saleor Dashboard - <http://localhost:9003>



- Jaeger UI (APM) - <http://localhost:16686>



- Mailpit (Test email interface) - <http://localhost:8025>



4. Tailor the compose file to ensure optimal functionality

```
dashboard:
  image: ghcr.io/saleor/saleor-dashboard:3.15.2
  ports:
    - 9003:80
  restart: unless-stopped
```