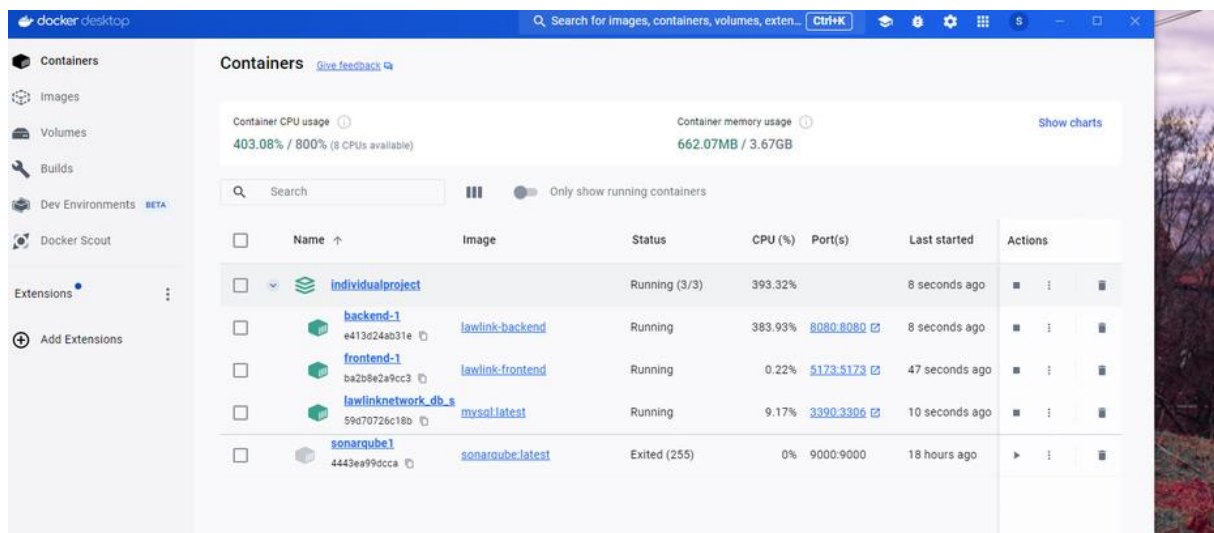


Continuous Delivery, Deployment & Sonarqube

Docker Compose:

All three containers are put into one docker compose container:



It is done by using a docker compose file:

```
services:
  db:
    container_name: lawlinknetwork_db_staging
    image: mysql:latest
    ports:
      - "3306:3306"
    networks:
      - lawlinknetwork
    environment:
      MYSQL_ROOT_PASSWORD: "Cesekar4n"
      MYSQL_DATABASE: lawlink
    healthcheck:
      test: ["CMD", "mysqladmin", "ping", "-h", "localhost"]
      interval: 10s
      timeout: 5s
      retries: 5


  frontend:
    ports:
      - "5173:5173"
    networks:
      - lawlinknetwork
    restart: always
    image: lawlink-frontend



  backend:
    ports:
      - "8080:8080"
    networks:
      - lawlinknetwork
    environment:
      spring_profiles_active: "staging"
    restart: always
    image: lawlink-backend
    depends_on:
      db:
        condition: service_healthy
    links:
      - db


networks:
  lawlinknetwork:
```

Docker plugged into pipelines:



Gitlab Runner Test 5



 5 jobs for `main`
in 4 minutes and 27 seconds and was queued for 2 seconds



 `0c04f461` 



 No related merge requests found.

Pipeline Needs Jobs **5** Failed Jobs **1** Tests **0**





prepare
 prepare 

build
 build 

docker
 docker 





test
 test 

Deployed to docker hub:

 Explore Repositories Organizations Search Docker Hub   



stasnikolov03 / Repositories / lawlink-backend / General Using 0 of 1 private repositories. [Get more](#)

General Tags Builds Collaborators Webhooks Settings


stasnikolov03/lawlink-backend 
Updated 2 days ago
Hello 
This repository does not have a category   INCOMPLETE

Docker commands [Public View](#)
To push a new tag to this repository:
`docker push stasnikolov03/lawlink-backend:tagname`

Tags
This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	---	2 days ago

[See all](#)

Automated Builds
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
Available with Pro, Team and Business subscriptions. [Read more about automated builds](#) 
[Upgrade](#)

```

# Make safe repository for the job
prepare:
  stage: prepare
  script:
    - git config --global --add safe.directory "C:/GitLab-Runner/builds/Lz7eAdf7/0/I507480/lawlink-client-software"

build:
  stage: build
  script:
    - ./gradlew assemble
  artifacts:
    paths:
      - build/libs/
    expire_in: 1 week
  dependencies:
    - prepare

test:
  stage: test
  script:
    - ./gradlew test
  dependencies:
    - prepare

sonarqube-check:
  stage: sonarqube
  script:
    - ./gradlew test jacocoTestReport sonar
  only:
    - main
  dependencies:
    - prepare

docker:
  stage: docker
  script:
    - docker build -t stasnikolov03/lawlink-backend .
    - docker push stasnikolov03/lawlink-backend:latest

```

Sonarqube Analyzis:

