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Agenda

1. Clone projects locally
2. Run tests using docker
3. Build and run service using docker, then test it

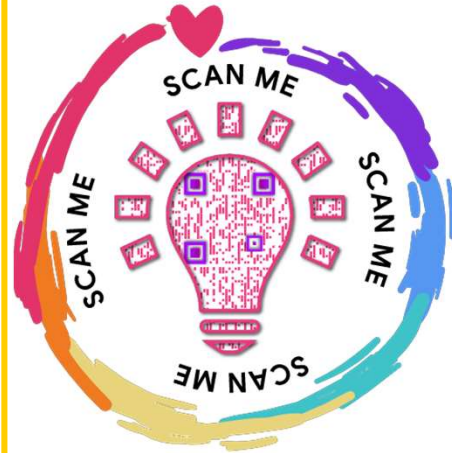


4. Configure GitLab CI



<https://gitlab.com/n4468>

git fork
git clone



STEP 1 >

Maven

 **Java™ 17**



QUARKUS

{ **REST:API** }



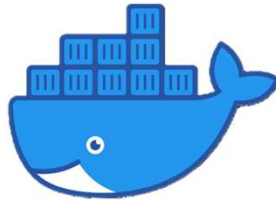
CI/CD



heroku

tests run

```
Request URI: https://rest-fake-name-acc.herokuapp.com/name  
{  
  "firstName": "Jimmie",  
  "lastName": "Kiehn",  
  "prefix": "Mrs."  
}
```

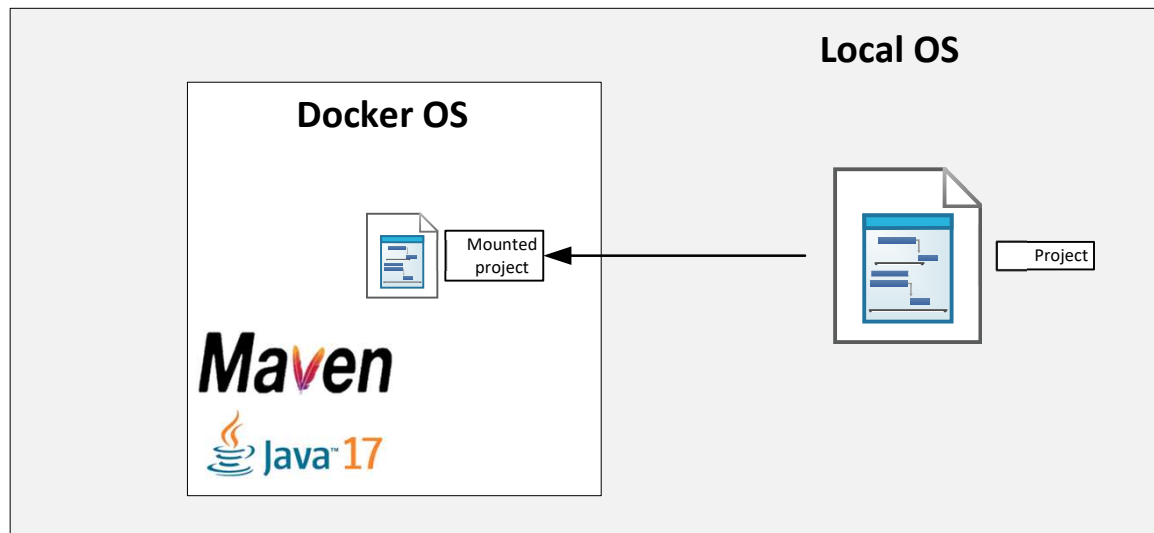


```
root@56d466dff90c:/# java -version  
openjdk version "17.0.2" 2022-01-18
```

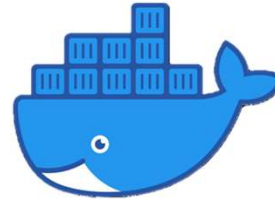
```
root@56d466dff90c:/# mvn -v  
Apache Maven 3.8.4
```

```
docker run -it --rm -v $PWD:/app maven:3.8.4-openjdk-17-slim bash
```

STEP 2 >



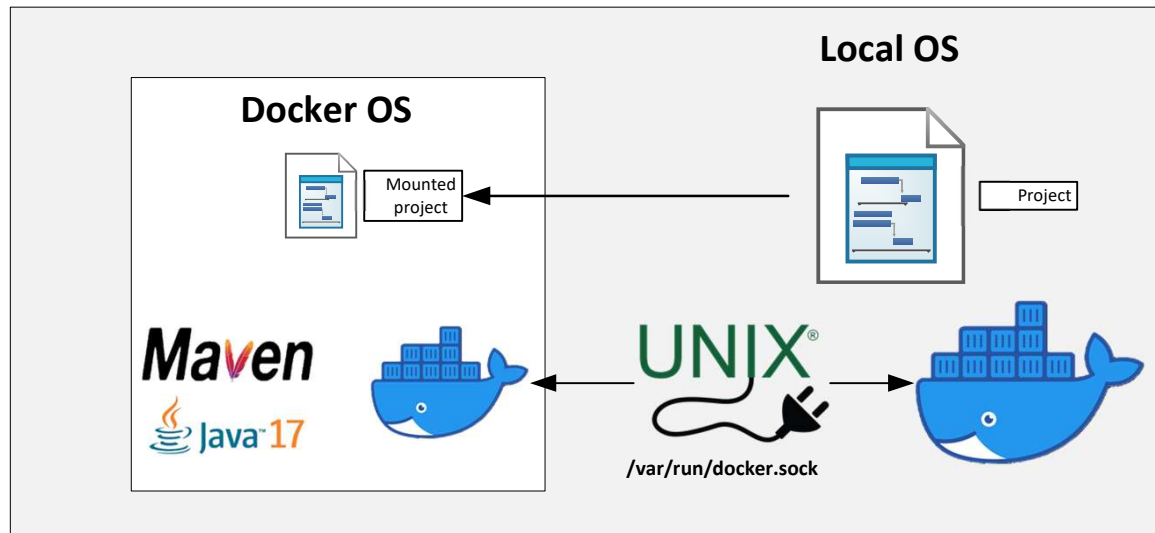
service containerization



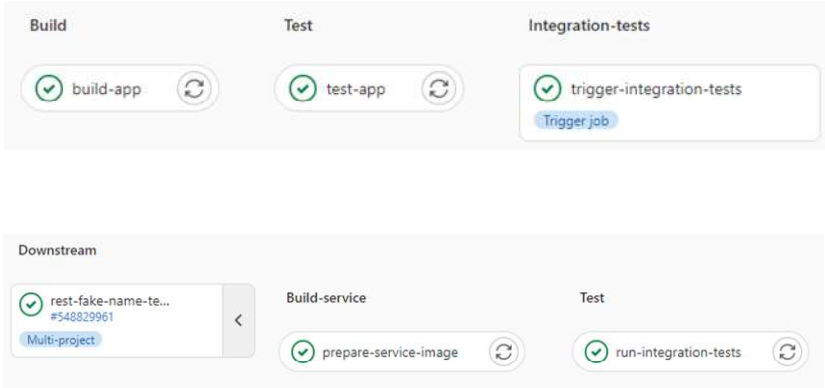
local run

```
→ ~ curl http://localhost:8080/name  
{"firstName": "Agustin", "lastName": "Hudson", "prefix": "Ms."}
```

STEP 3 >



GitLab CI



STEP 4 >

