**Run our project in containers:**

https://github.com/XP2600-hub/nhorizonapp

<https://hub.docker.com/r/webdevops/php-apache>

docker volume create webapproot

docker volume inspect

docker run -it --rm -d -p 8080:80 -v webapproot:/app/ --name apa webdevops/php-apache:8.2

docker run -it --rm -d -p 3306:3306 --name nhmysql -v mysql:/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=some\_pass -e MYSQL\_ROOT\_HOST:"192.168.1.125" -d mysql:latest

**Connecting two containers through docker Docker's embedded DNS server:**

docker network create -d bridge nhdockerbrdg

docker container run -it -d --rm --network nhdockerbrdg --name bar alpine

docker container run -it -d --rm --network nhdockerbrdg --name foo alpine

**Dockerfile:**

git clone <https://github.com/XP2600-hub/nhorizon-java-container.git>

docker build . -t nhapp:latest

docker image tag nhapp:latest xp2600/nhapp:latest

docker container run -d --name java -p 90:9090 nhapp:latest

image push xp2600/nhapp:latest

docker network create -d macvlan \  
 --subnet=172.16.86.0/24 \  
 --gateway=172.16.86.1 \  
 -o parent=eth0 \  
 my-macvlan-nh

docker run --rm -dit \  
 --network my-macvlan-nh \  
 --name my\_container \  
 alpine:latest \  
 ash

docker exec my\_container ip addr show eth0

docker exec my\_container ip route