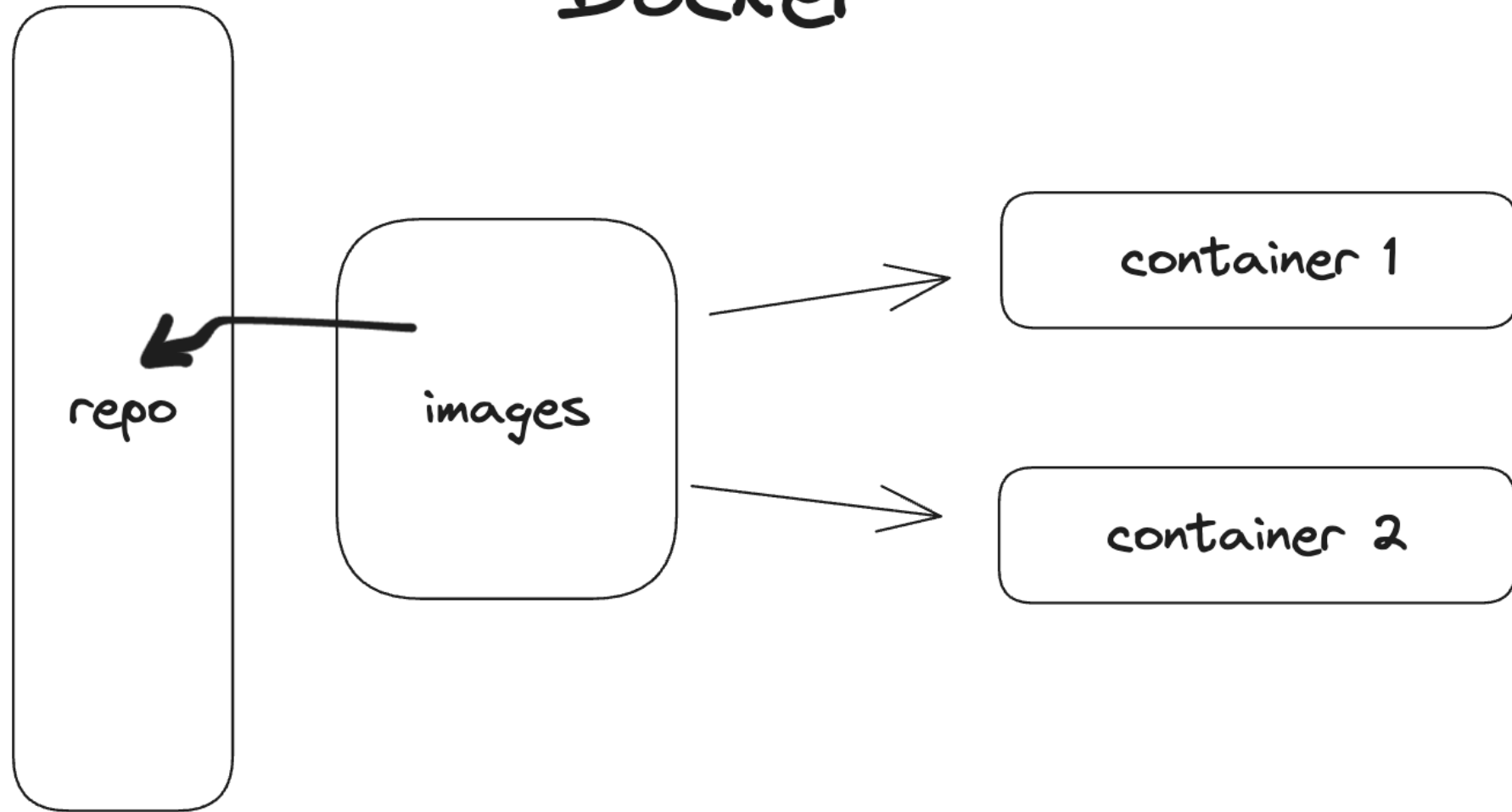


# Docker



# 1. Images

search / pull

images / image ls

tag / push / login / logout

rmi

save / load

history / inspect

## 2. Container

run / create

start / restart / kill / stop / rm

exec

ps

logs / stats / top

commit

attach

### 3. Dockerfile

FROM

LABEL / MAINTAINER

RUN

CMD / ENTRYPOINT

EXPOSE

COPY / ADD

VOLUME

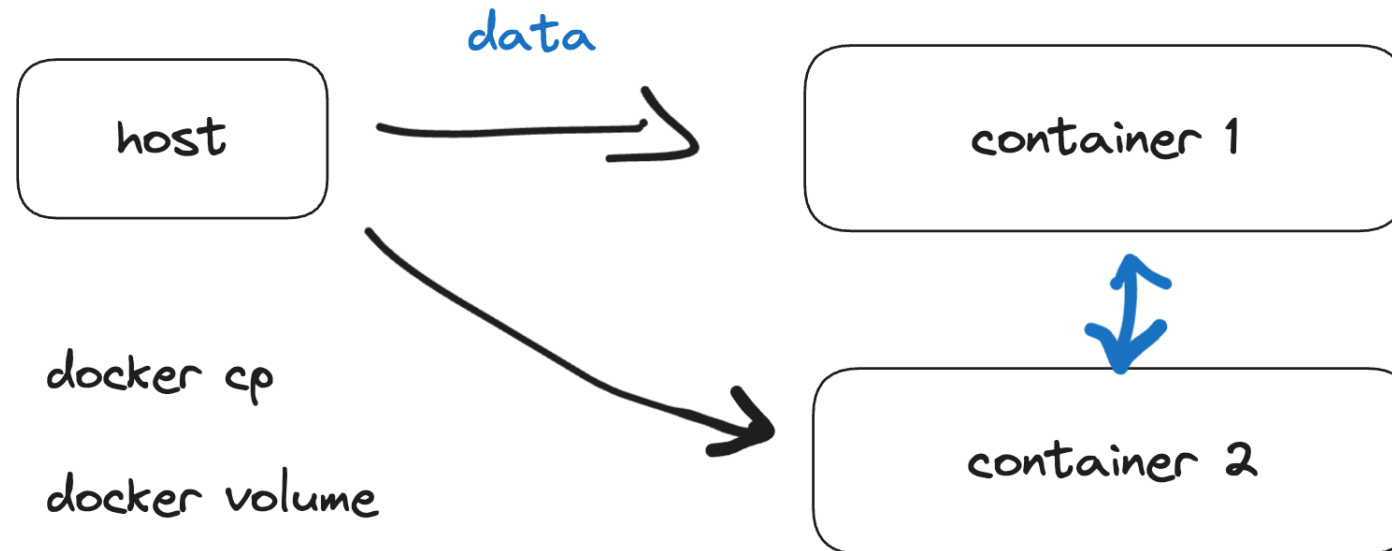
WORKDIR

ARG / ENV

USER / SHELL

HEALTHCHECK

## 4. Volume

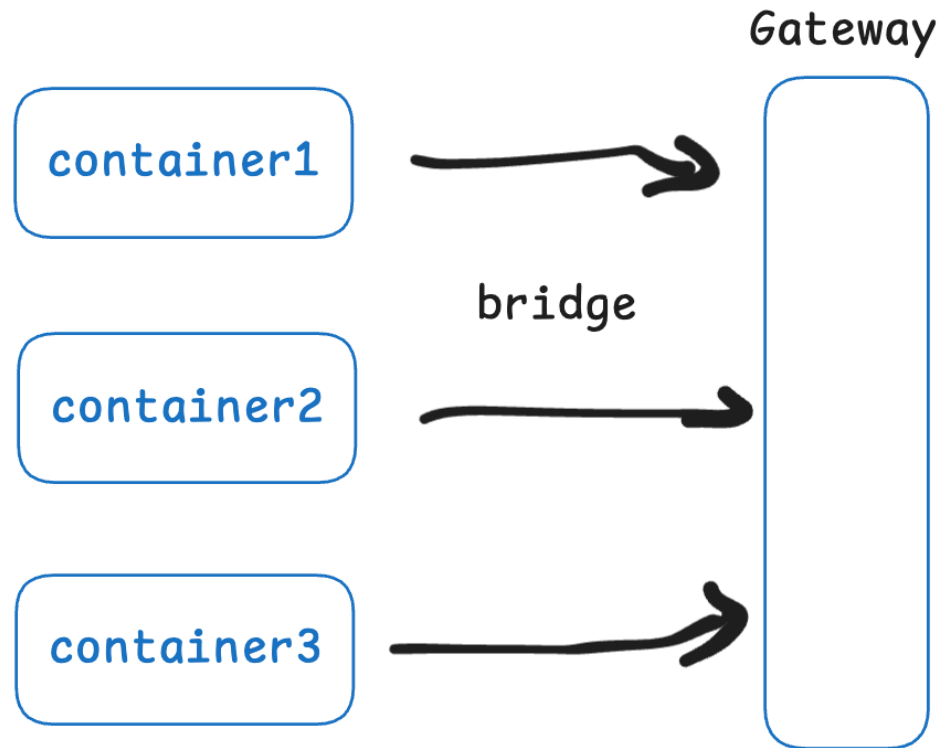


bind / tmpfs

```
docker run --mount type=volume,source=my-volume,target=/data image-xx
```

```
docker run -v my-volume:/data image-xx
```

## 5. Network



```
docker run -p 5001:5000 image-xxx
```

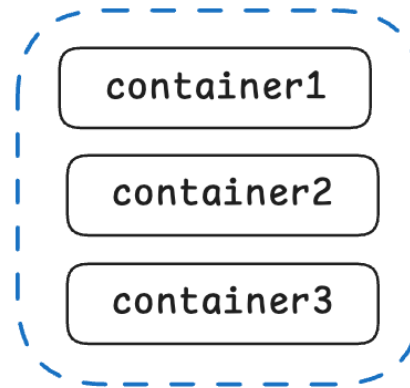
## 6. docker compose

### docker-compose.yml

```
version: '3'
services:
  nginx:
    image: nginx:latest
    container_name: my-nginx
    ports:
      - "8080:80"
    networks:
      - my-network

  python-app:
    build: ./python-app
    container_name: python-request
    depends_on:
      - nginx
    networks:
      - my-network

networks:
  my-network:
    driver: bridge
```



docker-compose

up / down

restart / stop

build / logs/