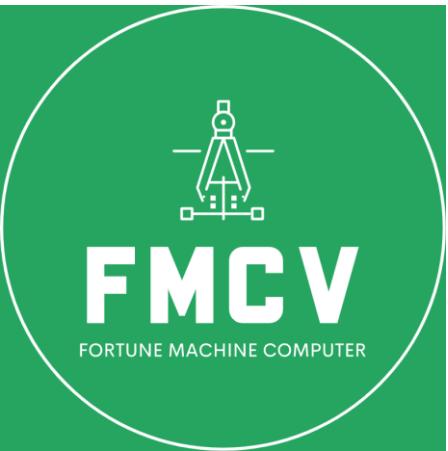


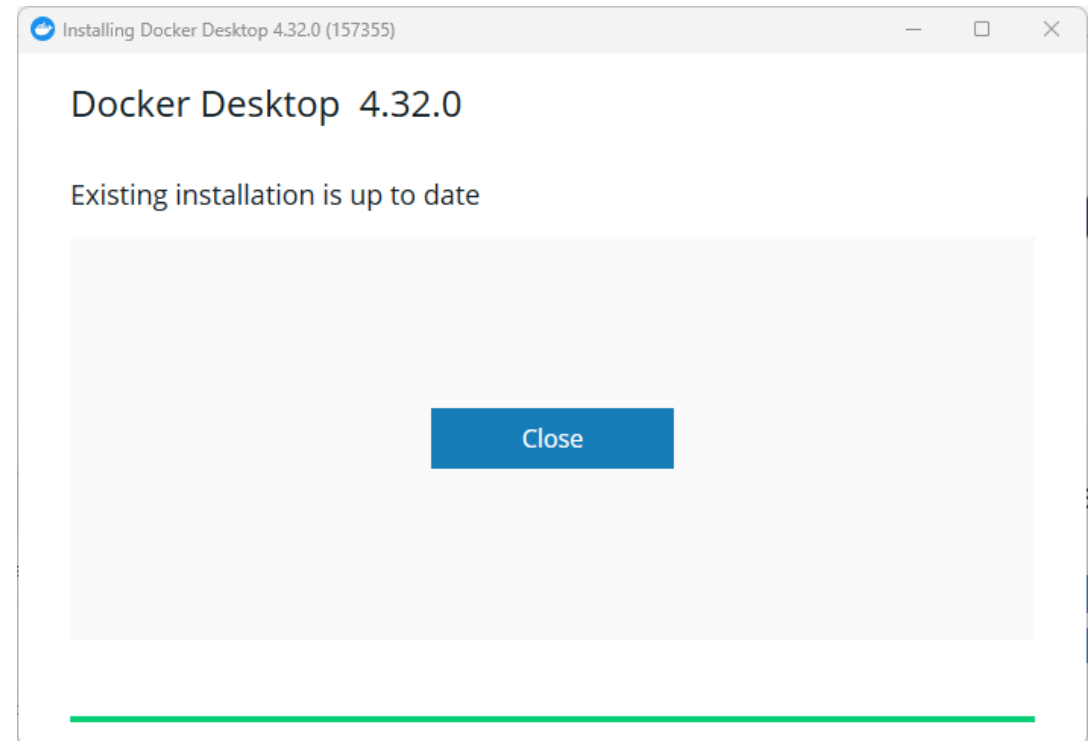


Docker version 27.0.3, build 7d4bcd8



Installation on Windows

- Docker Desktop
- <https://www.docker.com/>
- Docker Desktop Installer.exe



Installation on Linux (Ubuntu)

- <https://docs.docker.com/desktop/install/ubuntu/>
- Download docker-desktop-amd64.deb
- `sudo apt-get update`
- `sudo apt-get install ./docker-desktop-<arch>.deb`
- Other service tools
- `systemctl --user start docker-desktop`
- `systemctl --user stop docker-desktop`
- `systemctl --user enable docker-desktop`

General docker knowledge

- Docker
 - Container – A set of images and volume to run a project
 - Images – Downloadable pre-build system image
 - Volume – Your container's data volume
 - docker-compose.yml – A file to define the containers contents with docker-compose command

General command

- `docker ps`
- `docker stop <CONTAINER ID>`
- `docker rm <CONTAINER ID>`
- `docker rmi <IMAGE ID>`
- `docker exec -t -i container_name /bin/bash`

- Update image
- `docker run -d`
- `docker-compose up -d`

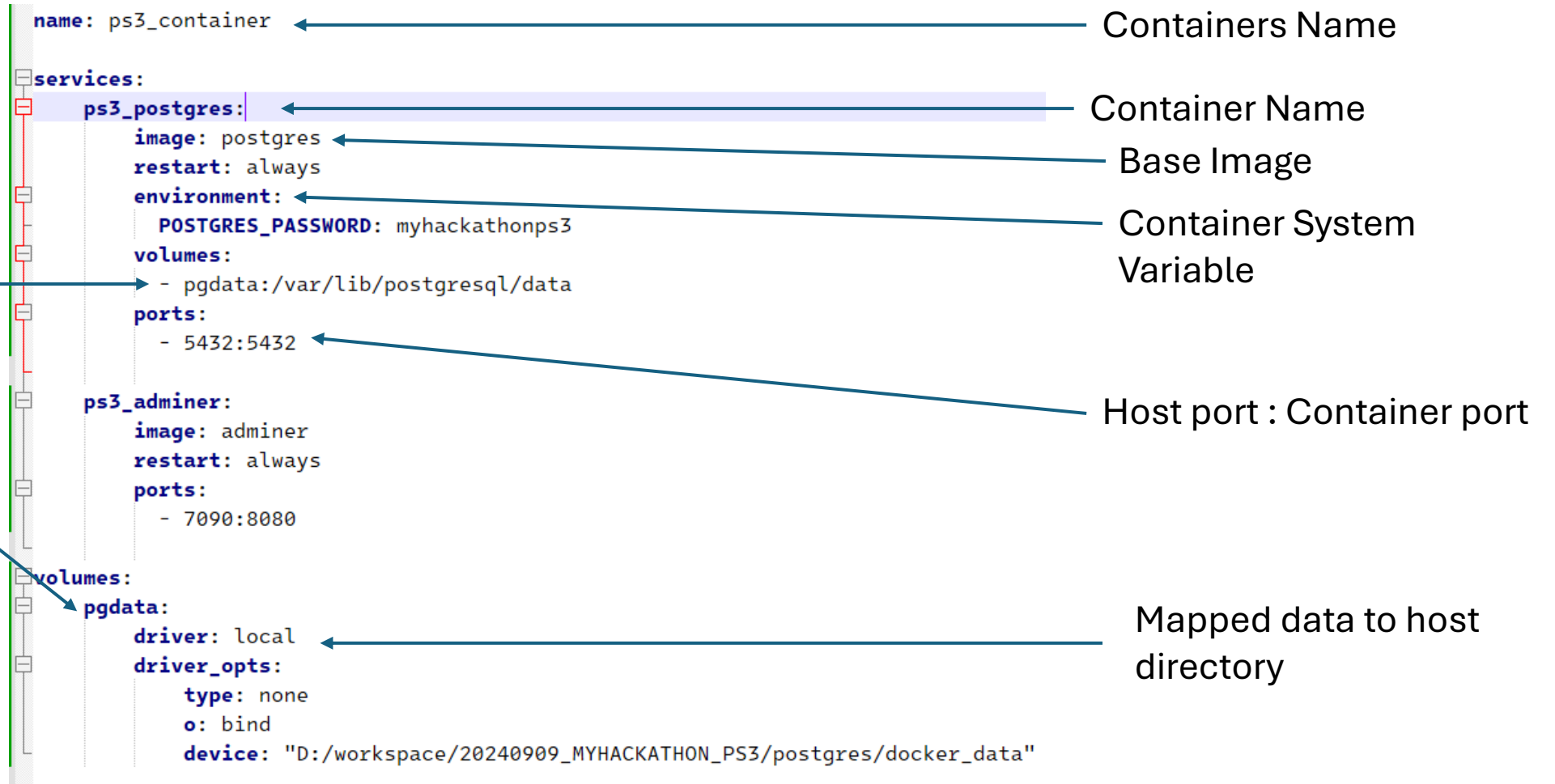
Images management

- docker images
- docker inspect <IMAGE ID>
- docker pull <IMAGE>

Update Container

- docker-compose pull
- docker-compose up --force-recreate --build -d
- docker image prune -f

Docker compose – compose.yml



Docker compose setup postgres and test

#with folder contain postgres compose.yml and run following lines in terminal
docker-compose up -d

docker ps

docker exec -it ps3_container-ps3_postgres-1 bash

pg_isready

psql -h ps3_container-ps3_postgres-1 -U postgres

quit

Resources

- <https://www.docker.com/>
- <https://docs.docker.com/>
- <https://www.cherrysevers.com/blog/how-to-update-docker-image>