

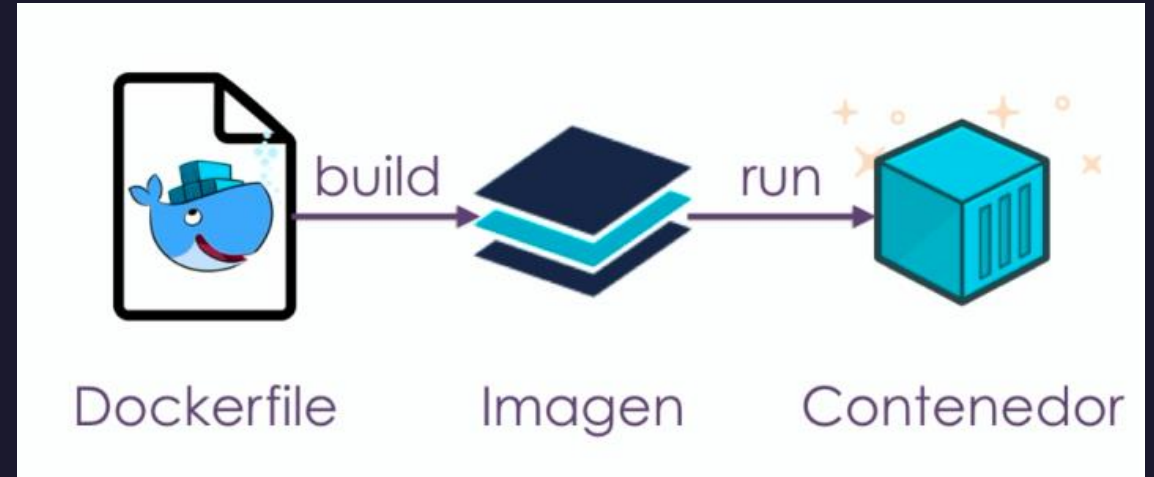
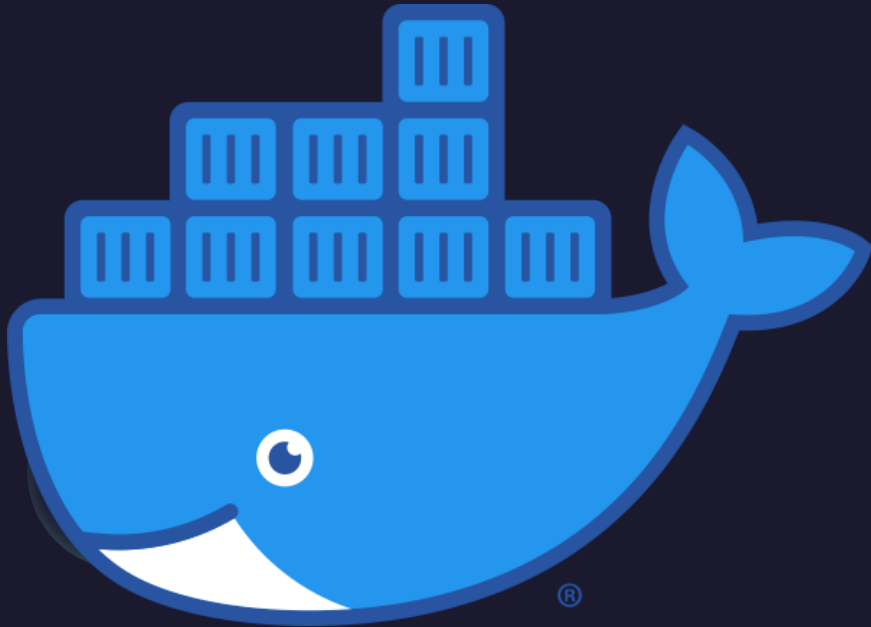
Docker

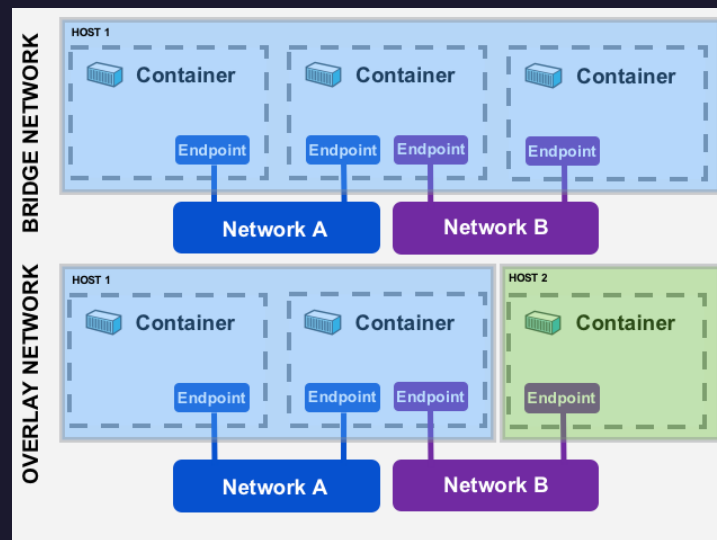
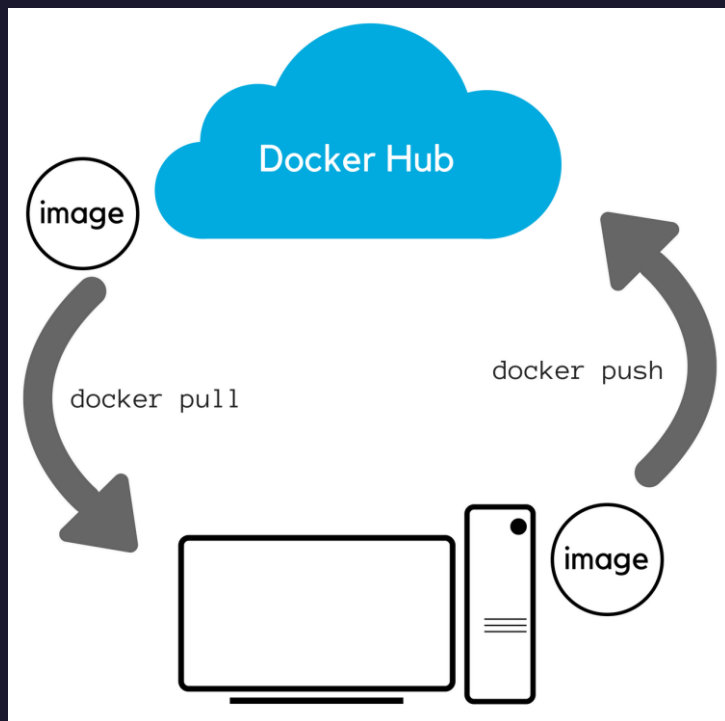
Taller MIA 1er. Semestre 2021



docker

¿Que es Docker?





Imagenes,
contenedores,
volumenes, etc.

Docker-compose



Instalacion de base de datos Oracle 18c en docker

- Primero instalamos docker
- `$ sudo apt-get update`
- `$ sudo apt-get install apt-transport-https ca-certificates curl gnupg-agent software-properties-common`
- `$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -`
- `$ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable"`
- `$ sudo apt-get update`
- `$ sudo apt-get install docker-ce docker-ce-cli containerd.io`

- Instalamos la base de datos oracle 18c
- `$ sudo docker pull dockerhelp/docker-oracle-ee-18c`
- `$ sudo docker run -it -p 1521:1521 --name=oracle dockerhelp/docker-oracle-ee-18c bash`
- `# sh post_install.sh`
- `$ sqlplus`
- Nos conectamos a la consola de la DB
- **user:** sys as sysdba `SQL> alter session set "_ORACLE_SCRIPT"=true;`
Session altered.
- **pass:** oracle `SQL> create user TEST identified by 1234;`
User created.
`SQL> grant dba to TEST;`
Grant succeeded.



Connection mediante SQL developer

New / Select Database Connection

Connection Na...	Connection De...
Bases Practica2	TEST@//34.1...
bases2Prueba	admin@//35.2...

Name: tallerMIA

Database Type: Oracle

User Info

Proxy User

Authentication Type: Default

Username: TEST

Password:

Role: default

☒ Save Password

Connection Type: Basic

Details

Advanced

Hostname: 34.123.184.122

Port: 1521

☒ SID: ORCL18

☐ Service name

Status :

Help Save Clear Test Connect Cancel

Para iniciar y conectarnos a un contenedor ya existente

- `sudo docker start 862e461d5819`
- `sudo docker exec -it 862e461d5819 bash`
- Donde 862e461d5819 es el ID del contenedor, este lo podremos obtener mediante el commando
- `docker ps`

