

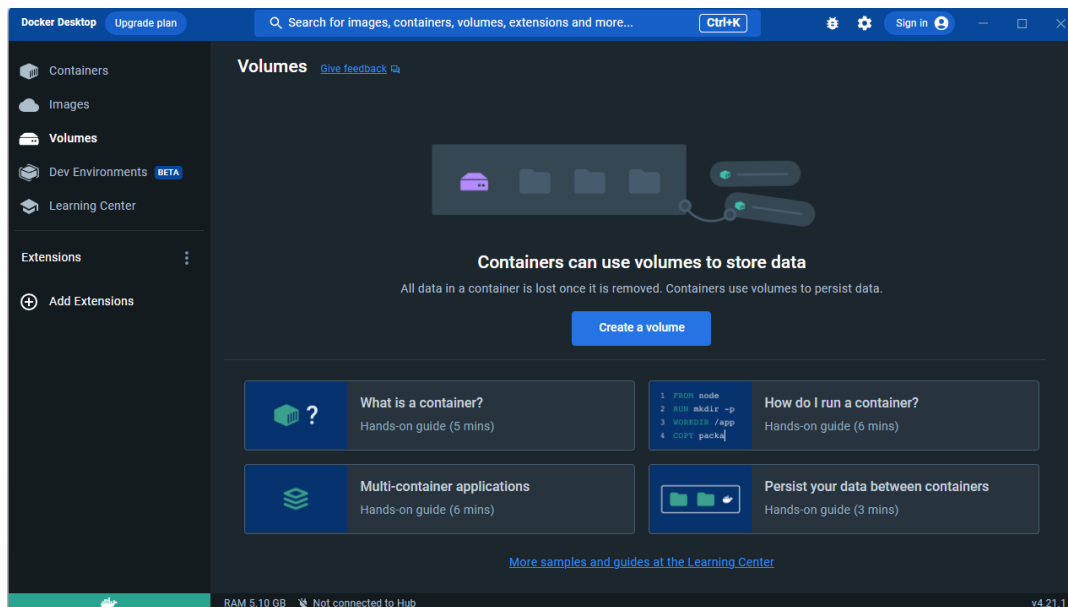
Manual de despliegue SISGES

Prerrequisitos de despliegue

1. Antes de realizar cualquier despliegue, se necesita descargar el repositorio de SISGES, este se encuentra en <https://github.com/luisllanca/INFO248-graduados>.
2. Antes de realizar cualquier despliegue, se necesita tener instalado Docker, este puede se encontrado en <https://www.docker.com/products/docker-desktop/>

Sistema Windows:

1. Tener en ejecución Docker desktop



2. Abrir una terminal e ir a la carpeta raíz de INFO248-graduados

```
PS C:\Users\matil\OneDrive\Escritorio> ls

Directorio: C:\Users\matil\OneDrive\Escritorio

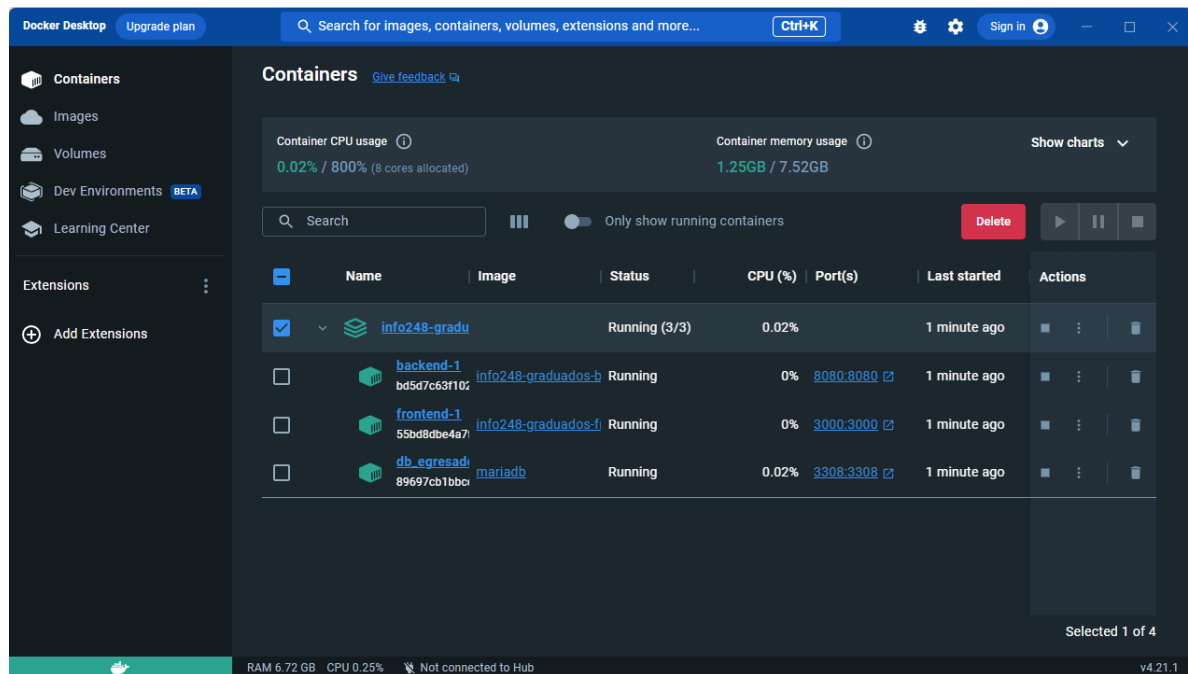
Mode                LastWriteTime         Length Name
----                -
d-----          07-07-2023   17:32           Escritorio
d-----          07-07-2023   17:26       INFO248-graduados
-a----          07-07-2023   17:27           0 Manual_despliegue.docx
-a----          07-07-2023   17:35        1410 Visual Studio Code.lnk

PS C:\Users\matil\OneDrive\Escritorio> cd .\INFO248-graduados\
PS C:\Users\matil\OneDrive\Escritorio\INFO248-graduados> |
```

3. Ejecutar el comando **docker-compose up --build** en la terminal

```
PS C:\Users\matil\OneDrive\Escritorio\INFO248-graduados> docker-compose up --build
[+] Running 4/9
 - db_egresados 8 layers [#####] 40MB/117.5MB Pulling 8.0s
 - 9d19ee268e0d Extracting [=====] 28.18... 4.6s
 - 718e898a86ff Download complete 2.5s
 - 43bd7a143a6c Download complete 2.2s
 - 80cdf483b70a Download complete 3.3s
 - 8c13b197eea7 Download complete 3.7s
 - fe76c18bf258 Downloading [=====] 11.8... 4.6s
 - 67fa5c829e7f Waiting 4.6s
 - a5cb79f31ff6 Waiting 4.6s
```

4. Esperar a que el Docker desktop se vea así:



5. Entrar a la ruta especificada del frontend, en este momento es <http://localhost:3000/> pero puede variar dependiendo de cómo se configure.



Sistema Linux:

1. Abrir una terminal y navegar en la ruta donde se encuentra la carpeta INFO248-graduados

```
jose@jose-HP-Laptop-14-bp0xx:~/INFO248-graduados$ cd ..
jose@jose-HP-Laptop-14-bp0xx:~$ cd INFO248-graduados/
jose@jose-HP-Laptop-14-bp0xx:~/INFO248-graduados$
```

2. Una vez en la carpeta ejecutar el comando **docker compose up --build** si aparecen problemas de privilegios ejecutar como **sudo docker compose up --build**

```
jose@jose-HP-Laptop-14-bp0xx:~/INFO248-graduados$ sudo docker compose up --build
[+] Building 1.2s (19/19) FINISHED
=> [backend internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 215B 0.0s
=> [backend internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [backend internal] load metadata for docker.io/library/node:14 1.1s
=> [frontend internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [frontend internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 496B 0.0s
=> [backend 1/6] FROM docker.io/library/node:14@sha256:a158d3b9b4e3fa813 0.0s
=> [frontend internal] load build context 0.0s
=> => transferring context: 3.48kB 0.0s
=> [backend internal] load build context 0.0s
=> => transferring context: 3.28kB 0.0s
=> CACHED [backend 2/6] WORKDIR /app 0.0s
=> CACHED [frontend 3/6] COPY package.json package-lock.json /app/ 0.0s
=> CACHED [frontend 4/6] RUN npm install 0.0s
=> CACHED [frontend 5/6] COPY . /app 0.0s
=> CACHED [frontend 6/6] RUN npm run build 0.0s
=> CACHED [backend 3/6] COPY package.json package-lock.json /app/ 0.0s
```

3. Esperar a que termine, debería aparecer algo similar a esto:

```
jose@jose-HP-Laptop-14-bp0xx: ~/INFO248-graduados
info248-graduados-db_egresados-1 | 2023-07-08 1:44:31 0 [Note] Server socket c
reated on IP: '::'.
info248-graduados-db_egresados-1 | 2023-07-08 1:44:31 0 [Note] mariadb: ready
for connections.
info248-graduados-db_egresados-1 | Version: '11.0.2-MariaDB-1:11.0.2+maria~ubu2
204' socket: '/run/mysqld/mysqld.sock' port: 3306 mariadb.org binary distribu
tion
info248-graduados-frontend-1 | Compiled successfully!
info248-graduados-frontend-1 |
info248-graduados-frontend-1 | You can now view login-ts in the browser.
info248-graduados-frontend-1 |
info248-graduados-frontend-1 | Local: http://localhost:3000/
info248-graduados-frontend-1 | On Your Network: http://172.19.0.3:3000/
info248-graduados-frontend-1 | Note that the development build is not optimi
zed.
info248-graduados-frontend-1 |
info248-graduados-frontend-1 | To create a production build, use npm run bu
ild.
info248-graduados-frontend-1 |
info248-graduados-frontend-1 |
```

4. Entrar a la ruta especificada del frontend, en este momento es <http://localhost:3000/> pero puede variar dependiendo de cómo se configure.

