

Ejercicio 4 - Docker Compose

Desplegar la aplicación htop utilizando docker-compose. Entregar las siguientes capturas de pantalla y los comandos empleados para resolver el ejercicio

1. Creamos el archivo docker-compose.yml

```
PS F:\Despliegue> docker compose up
time="2025-02-13T09:33:32+01:00" level=warning msg="Found multiple config files with supported names: F:\Despliegue\do
cker-compose.yml, F:\Despliegue\docker-compose.yaml"
time="2025-02-13T09:33:32+01:00" level=warning msg="Using F:\Despliegue\docker-compose.yml"
time="2025-02-13T09:33:32+01:00" level=warning msg="F:\Despliegue\docker-compose.yml: the attribute 'version' is obsol
ete, it will be ignored, please remove it to avoid potential confusion"
[+] Running 2/2
  ✓ htop Pulled                                         5.2s
  ✓ 1f3e46996e29 Pull complete                         0.6s
[+] Running 2/2
  ✓ Network despliegue_default Created                 0.0s
  ✓ Container htop_container Created                   0.1s
Attaching to htop_container
htop_container | fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/main/x86_64/APKINDEX.tar.gz
htop_container | fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/community/x86_64/APKINDEX.tar.gz
htop_container | (1/3) Installing ncurses-terminfo-base (6.5_p20241006-r3)
htop_container | (2/3) Installing libncursesw (6.5_p20241006-r3)
htop_container | (3/3) Installing htop (3.3.0-r0)
htop_container | Executing busybox-1.37.0-r9.trigger
htop_container | OK: 8 MiB in 18 packages
```

Htop es una herramienta que nos permite monitorear el rendimiento del sistema en tiempo real

además nos permite terminar o pausar procesos

despliegue

F:\Despliegue

View configurations

htop_container

alpine:latest

Running

:

2025-02-13 09:33:38 htop_container | fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/main/x86_64/APKINDEX.tar.gz

2025-02-13 09:33:42 htop_container | fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/community/x86_64/APKINDEX.tar.gz

2025-02-13 09:33:44 htop_container | (1/3) Installing ncurses-terminfo-base (6.5_p20241006-r3)

2025-02-13 09:33:44 htop_container | (2/3) Installing libncursesw (6.5_p20241006-r3)

2025-02-13 09:33:44 htop_container | (3/3) Installing htop (3.3.0-r0)

2025-02-13 09:33:44 htop_container | Executing busybox-1.37.0-r9.trigger

2025-02-13 09:33:44 htop_container | OK: 8 MiB in 18 packages

Mem[|||||]

Swp[

551M/15.6G]

Tasks: 1, 0 thr, 0 kthr; 0 running

0K/4.00G]

Load average: 0.02 0.01 0.00

Uptime: 00:01:31

[Main]

[I/O]

PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
1	root	20	0	1780	1524	1048	R	0.0	0.0	0:00.01	htop

F1Help

F2Setup

F3Search

F4Filter

F5Tree

F6SortBy

F7Nice -

F8Nice +

F9Kill

F10Quit

20

25-02-14T08:55:11.230015441Z fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/main/x86_64/APKINDEX.tar.gz

2025-02-14 09:55:15 htop_container | fetch https://dl-cdn.alpinelinux.org/alpine/v3.21/community/x86_64/APKINDEX.tar.gz