

3 Imagen en Dockerfile

Archivo Dockerfile y subida a DockerHub

3 Imagen en Dockerfile

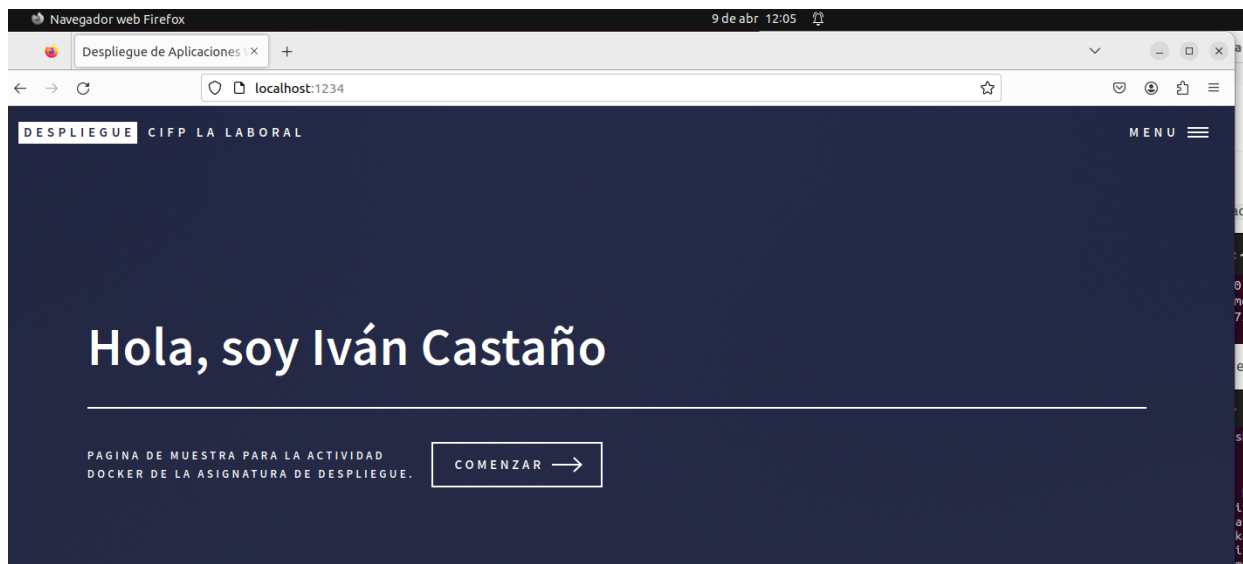
Arrancamos un contenedor basado en una imagen `php:7.4-apache`. Utilizo la plantilla del *ejercicio 1*

```
ivan@ivan-clienteLinux: ~  
ivan@ivan-clienteLinux:~$ docker run -d -p 1234:80 -v /home/ivan/Documentos/tareaDocker/ejercicio1/contenedor1:/var/www/html --name servidor php:7.4-apache 45f031bc395581230a4a2c4536af0632283f991db4a3f91cf75f65089df04421  
ivan@ivan-clienteLinux:~$
```

Entro en el terminal del contenedor y realizo modificaciones. En este caso, solo actualizaciones.

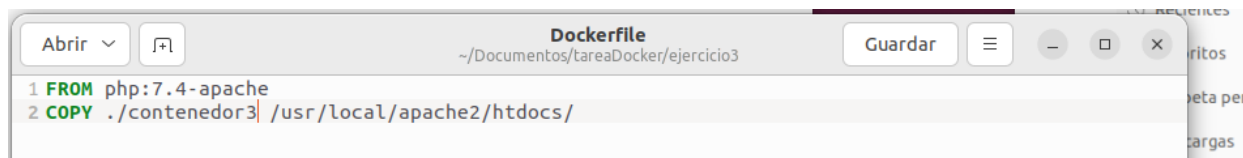
```
ivan@ivan-clienteLinux: ~  
ivan@ivan-clienteLinux:~$ docker exec -it servidor /bin/bash  
root@45f031bc3955:/var/www/html# sudo apt update  
bash: sudo: command not found  
root@45f031bc3955:/var/www/html# apt update  
Get:1 http://deb.debian.org/debian bullseye InRelease [116 kB]  
Get:2 http://deb.debian.org/debian-security bullseye-security InRelease [48.4 kB]  
Get:3 http://deb.debian.org/debian bullseye-updates InRelease [44.1 kB]  
Get:4 http://deb.debian.org/debian bullseye/main amd64 Packages [8183 kB]  
Get:5 http://deb.debian.org/debian-security bullseye-security/main amd64 Packages [236 kB]  
Get:6 http://deb.debian.org/debian bullseye-updates/main amd64 Packages [14.6 kB]  
Fetched 8642 kB in 3s (3391 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
21 packages can be upgraded. Run 'apt list --upgradable' to see them.  
root@45f031bc3955:/var/www/html# apt upgrade  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Calculating upgrade... Done  
The following packages will be upgraded:  
apache2 apache2-bin apache2-data apache2-utils base-files curl libapr1
```

Accedo al sitio web desde el navegador

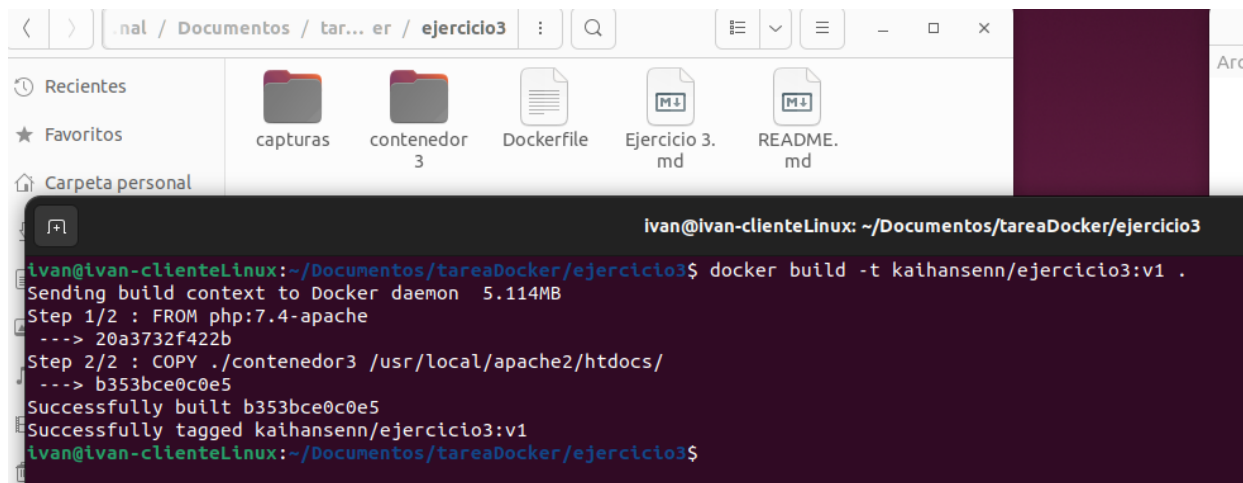


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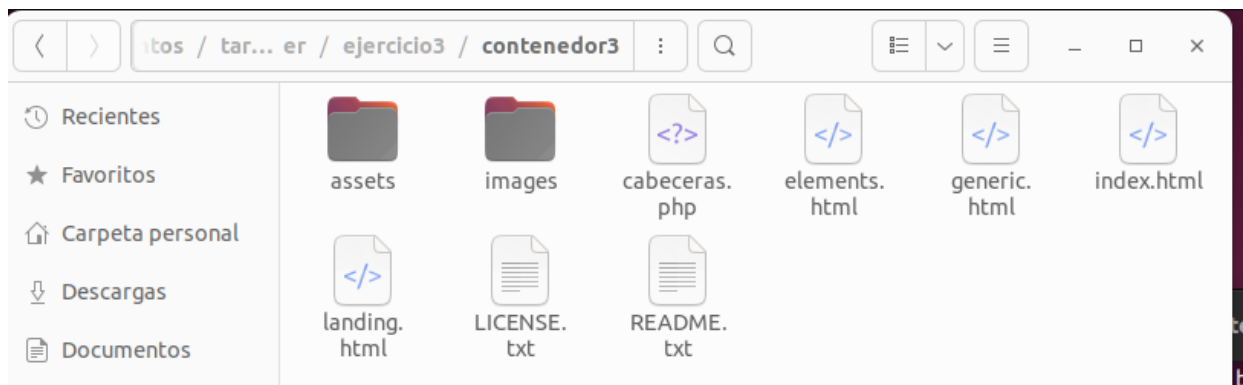
Creamos un archivo `Dockerfile` con los parámetros necesarios para el despliegue de nuestra web



Creamos la imagen desde el directorio donde tenemos el `Dockerfile`



Muestro el contenido de la carpeta `contenedor3`, que contiene los ficheros del sitio web



Compruebo que tengo la imagen que acabo de crear

```
ivan@ivan-clienteLinux:~/Documentos/tareaDocker/ejercicio3$ docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
kaihansenn/ejercicio3 v1          b353bce0c0e5  8 minutes ago 457MB
bash                latest      f5c1538e3a18  5 days ago   13.7MB
```

Inicio contenedor y ejecuto imagen que he creado

```
ivan@ivan-clienteLinux:~/Documentos/tareaDocker/ejercicio3$ docker run --name ejercicio3 -d -p 80:80 kaihansenn/ejercicio3:v1
e007ddb89903dff69305a562d0676fd858c6b8c7b6fa432ef870a8d6d121e8af
ivan@ivan-clienteLinux:~/Documentos/tareaDocker/ejercicio3$ docker ps
CONTAINER ID   IMAGE                  COMMAND                  CREATED        STATUS        PORTS                               NAMES
e007ddb89903   kaihansenn/ejercicio3:v1 "docker-php-entrypoi..." 32 seconds ago Up 30 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp   ejercicio3
45f031bc3955   php:7.4-apache        "docker-php-entrypoi..." About an hour ago Up About an hour 0.0.0.0:1234->80/tcp, :::1234->80/tcp servidor
```

Distribuimos nuestra imagen

```
ivan@ivan-clienteLinux: ~$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: kaihansenn
Password:
WARNING! Your password will be stored unencrypted in /home/ivan/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
ivan@ivan-clienteLinux: ~$ docker push kaihansenn/ejercicio3:v1
The push refers to repository [docker.io/kaihansenn/ejercicio3]
7b48d7b7dbaa: Pushed
3d33242bf117: Mounted from library/php
529016396883: Mounted from library/php
5464bcc3f1c2: Mounted from library/php
28192e867e79: Mounted from library/php
d173e78df32e: Mounted from library/php
0be1ec4fbfdc: Mounted from library/php
30fa0c430434: Mounted from library/php
a538c5a6e4e0: Mounted from library/php
e5d40f64dcb4: Mounted from library/php
44148371c697: Mounted from library/php
797a7c0590e0: Mounted from library/php
f60117696410: Mounted from library/php
ec4a38999118: Mounted from library/php
v1: digest: sha256:063379c2589c899297cb899df0c2f2353d7bce92e789f9450b92bdfdf5d9560e8 size: 3246
```

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Tags



No overview available

This repository doesn't have an overview

Docker Pull Command

```
docker pull kaihansenn/ejerc...
```