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1 INTRODUCCIÓN

Documentación técnica para explicar el desarrollo del ejercicio 3, imagen con Dockerfile.

1.1 Autor

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2 EJERCICIO 3: IMAGEN CON DOCKERFILE

2.1 Carpeta con los ficheros del sitio web y el Dockerfile:

```
daw@clientlinux:~/apache$ ls
Dockerfile index.html main.css
```

2.2 Contenido del Dockerfile:

```
I A Dockerfile (dockerfile)
FROM php:7.4-apache
MAINTAINER Manuel Villa Suárez "mvsuarez@hotmail.com"
ADD [index.html,"/var/www/html/"]
ADD [main.css,"/var/www/html/"]
```

2.3 Comando para crear la nueva imagen:

```
sudo docker build -t mvsuarez/myapachedaw:v1 .
```

```
daw@clientlinux:~/apache$ sudo docker build -t mvsuarez/myapachedaw:v1 .
Sending build context to Docker daemon 5.12kB
Step 1/4 : FROM php:7.4-apache
--> 20a3732f422b
Step 2/4 : MAINTAINER Manuel Villa Suárez "mvsuarez@hotmail.com"
--> Running in bf7b0a15cc8e
Removing intermediate container bf7b0a15cc8e
--> 1e007f666060
Step 3/4 : ADD ["index.html","/var/www/html/"]
--> 7a47d745bc9c
Step 4/4 : ADD ["main.css","/var/www/html/"]
--> 49fe8e04e256
Successfully built 49fe8e04e256
Successfully tagged mvsuarez/myapachedaw:v1
daw@clientlinux:~/apache$
```

2.4 Crear e iniciar un contenedor que ejecuta la imagen recién creada:

```
sudo docker run -d -p 1234:80 --name myservidor mvsuarez/myapache:v1
```

```
daw@clientlinux:~$ sudo docker run -d -p 1234:80 --name myservidor mvsuarez/myapachedaw:v1
5ff89598596eed80428183c147b4c059f05f72958c6282869f424e69bf4cc2e3
daw@clientlinux:~$ sudo docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
5ff89598596e	mvsuarez/myapachedaw:v1	"docker-php-entrypoi..."	7 seconds ago	Up 6 seconds	0.0.0.0:1234->80/tcp, :::1234->80/tcp	myservidor




2.5 Imagen subida a mi cuenta de Docker Hub:



```
sudo docker login -u "mvsuarez" -p "%9430732l" docker.io
```

```
sudo docker push mvsuarez/myapachedaw:v1
```

```
daw@clientlinux:~$ sudo docker login -u "mvsuarez" -p "%9430732l" docker.io
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store


Login Succeeded
daw@clientlinux:~$ sudo docker push mvsuarez/myapachedaw:v1
The push refers to repository [docker.io/mvsuarez/myapachedaw]
7f27854b47b6: Pushed
8cd11cbc8db6: 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: sha256:4fe0d58a5c59f9cd400c75b97d65c731b890df16c1cf4b652165247453ad0fbe size: 3449
daw@clientlinux:~$
```



 **mvsuarez / myapachedaw**

Description
Ejercicio 3 - Imagen con Dockerfile 
 Last pushed: 3 minutes ago

Docker commands [Public View](#)
To push a new tag to this repository,

```
docker push mvsuarez/myapachedaw:tagname
```

Tags  IMAGE INSIGHTS INACTIVE [Activate](#)
This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 v1		Image	---	3 minutes ago

[See all](#) [Go to Advanced Image Management](#)

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Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
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