

Ejercicio 6.3

Creación de imágenes a partir de ficheros Dockerfile



docker

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1. Creación del fichero Dockerfile

```
info.php u  index.html u  Dockerfile u x
EJ6.3 > Dockerfile > ...
1  FROM php:7.4-apache
2  RUN apt-get update && apt-get upgrade -y && apt-get install -y git && apt-get install nano
3  COPY index.html /var/www/html/
4  COPY info.php /var/www/html/
5  ENV minombre Simon
```

Para ello, preparamos el index.html y el info.php

```
info.php u x  index.html u
EJ6.3 > info.php
1  <?php phpinfo(); ?>
```

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7  |   <title>Index</title>
8  </head>
9  <body>
10 |   HOLA SOY SIMON PATRICK
11 </body>
12 </html>
13
14
15
```

2. Ejecución de la orden docker build para la creación de la imagen a partir del fichero Dockerfile

```
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ docker build -t "imagen_php-apache:dockerfile" .  
Sending build context to Docker daemon 33.79kB  
Step 1/5 : FROM php:7.4-apache  
----> 20a3732f422b  
Step 2/5 : RUN apt-get update && apt-get upgrade -y && apt-get install -y git && apt-get install nano  
----> Using cache  
----> 7c0f293ec856  
Step 3/5 : COPY index.html /var/www/html/  
----> 62eb34bbfee4  
Step 4/5 : COPY info.php /var/www/html/  
----> a40aa9709ffb  
Step 5/5 : ENV minombre Simon  
----> Running in c6072a1fca43  
Removing intermediate container c6072a1fca43  
----> 0a09f62dd59b  
Successfully built 0a09f62dd59b  
Successfully tagged imagen_php-apache:dockerfile  
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ █
```

3. Salida de la orden docker images donde se pueda ver que la imagen se ha creado

```
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
imagen_php-apache	dockerfile	0a09f62dd59b	37 seconds ago	512MB
bitnami/apache	latest	c2118e6ecd97	4 weeks ago	162MB
getmeili/meilisearch	latest	1ce3441ca130	4 weeks ago	126MB
nginx	latest	88736fe82739	4 weeks ago	142MB
phpmyadmin	latest	65a8212b1965	5 weeks ago	511MB
php	7.4-apache	20a3732f422b	5 weeks ago	453MB
<none>	<none>	e7482f1b02e3	5 weeks ago	769MB
sail-8.1/app	latest	eedcbf7fefa3	5 weeks ago	769MB
redis	alpine	96a149ad0157	5 weeks ago	28.4MB
mariadb	latest	825ad7e31db8	5 weeks ago	378MB
simonpatrickreyes/repositorio_simon	latest	d845f39da073	5 weeks ago	165MB
selenium/standalone-chrome	latest	498f14b3a02d	6 weeks ago	1.31GB
ubuntu	latest	a8780b506fa4	6 weeks ago	77.8MB
ubuntu	20.04	680e5dfb52c7	8 weeks ago	72.8MB
ubuntu	18.04	71eaf13299f4	8 weeks ago	63.1MB
mysql/mysql-server	8.0	3f3946d5572f	2 months ago	517MB
getmeili/meilisearch	<none>	48846bfc787c	2 months ago	126MB
fjortegan/php-xdebug	latest	7334c42bd31e	2 months ago	478MB
fjortegan/nginx-fpm	latest	81ae3d3c0d8c	2 months ago	142MB
laravelsail/php81-composer	latest	9d9e13d9c729	3 months ago	531MB
mailhog/mailhog	latest	4de68494cd0d	2 years ago	392MB

```
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ █
```

4. Ejecución de la orden docker push, antes de eso lo tagueamos con su ID

```
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ docker tag 0a09f62dd59b simonpatrickreyes/simonrepositorio:latest
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ docker push simonpatrickreyes/simonrepositorio:latest
The push refers to repository [docker.io/simonpatrickreyes/simonrepositorio]
f75500a55077: Pushed
ba8f8f2aa917: Pushed
7bdbeb0d80cf: 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/nginx
latest: digest: sha256:06e8b6c221cc18a02940934da01e5ffab33e7e7294bfa346d08d1c6b8f8f9a78 size: 3661
usuario@pc54-11:~/curso_daw/curso_daw/DAW/EJ6.3$ █
```

5. Página de dockerHub donde se pueda ver que se ha subido la imagen

