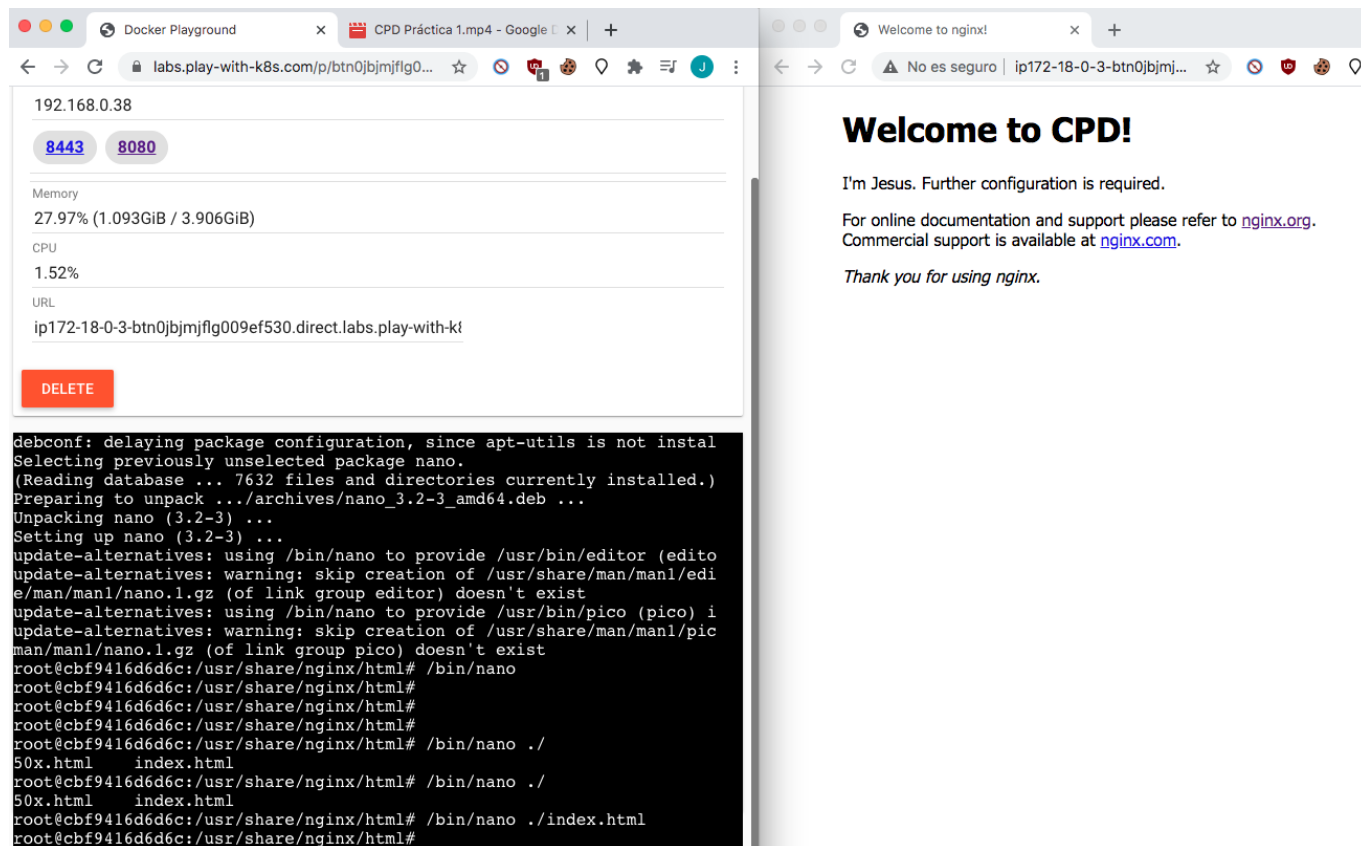


Práctica 1. Contenedores Docker - CPD

1. Captura personalizada del acceso a NGINX con un fichero index.html modificado.

Aquí se ha modificado el html de la versión en ejecución. Al apagar la imagen de Docker y volver a iniciar, se volvería a tener el contenedor original.



The screenshot displays the Docker Playground interface. On the left, a container named 'CPD Práctica 1.mp4 - Google' is shown with IP address 192.168.0.38. It has ports 8443 and 8080 exposed. The container's memory usage is 27.97% (1.093GiB / 3.906GiB) and CPU usage is 1.52%. The URL is 'ip172-18-0-3-btn0bjmjflg009ef530.direct.labs.play-with-kl'. A 'DELETE' button is visible.

On the right, the 'Welcome to nginx!' page is shown. It includes the text: 'I'm Jesus. Further configuration is required.' and 'For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com. Thank you for using nginx.'

The terminal output at the bottom shows the following commands and responses:

```
debconf: delaying package configuration, since apt-utils is not instal
Selecting previously unselected package nano.
(Reading database ... 7632 files and directories currently installed.)
Preparing to unpack .../archives/nano_3.2-3_amd64.deb ...
Unpacking nano (3.2-3) ...
Setting up nano (3.2-3) ...
update-alternatives: using /bin/nano to provide /usr/bin/editor (edito
update-alternatives: warning: skip creation of /usr/share/man/man1/edi
e/man/man1/nano.1.gz (of link group editor) doesn't exist
update-alternatives: using /bin/nano to provide /usr/bin/pico (pico) i
update-alternatives: warning: skip creation of /usr/share/man/man1/pic
man/man1/nano.1.gz (of link group pico) doesn't exist
root@cbf9416d6d6c:/usr/share/nginx/html# /bin/nano
root@cbf9416d6d6c:/usr/share/nginx/html#
root@cbf9416d6d6c:/usr/share/nginx/html#
root@cbf9416d6d6c:/usr/share/nginx/html#
root@cbf9416d6d6c:/usr/share/nginx/html# /bin/nano ./
50x.html    index.html
root@cbf9416d6d6c:/usr/share/nginx/html# /bin/nano ./
50x.html    index.html
root@cbf9416d6d6c:/usr/share/nginx/html# /bin/nano ./index.html
root@cbf9416d6d6c:/usr/share/nginx/html#
```

2. Creación interactiva de un contenedor docker.

Aquí he usado una imagen de SO liviana, Alpine, como ejemplo de ejecución interactiva.

```
[node1 ~]$ docker run -i -t alpine:latest
/ # whoami
root
/ # ls -la
total 12
drwxr-xr-x 19 root root 217 Sep 25 17:12 .
drwxr-xr-x 19 root root 217 Sep 25 17:12 ..
-rwxr-xr-x 1 root root 0 Sep 25 17:12 .dockerenv
drwxr-xr-x 2 root root 4096 May 29 14:20 bin
drwxr-xr-x 5 root root 360 Sep 25 17:12 dev
drwxr-xr-x 15 root root 4096 Sep 25 17:12 etc
drwxr-xr-x 2 root root 6 May 29 14:20 home
drwxr-xr-x 7 root root 223 May 29 14:20 lib
drwxr-xr-x 5 root root 44 May 29 14:20 media
drwxr-xr-x 2 root root 6 May 29 14:20 mnt
drwxr-xr-x 2 root root 6 May 29 14:20 opt
dr-xr-xr-x 343 root root 0 Sep 25 17:12 proc
drwx----- 2 root root 26 Sep 25 17:12 root
drwxr-xr-x 2 root root 6 May 29 14:20 run
```

3. Acceso por SSHFS.

Me conecto con mi cuenta de Turing a mis documentos guardados. Se ve que tengo una carpeta que se llama "SO".

```
[node1 ~]$ sshfs apuntabienmicorreo@turing.ugr.es:. mi_turing
apuntabienmicorreo@turing.ugr.es's password:
[node1 ~]$
[node1 ~]$
[node1 ~]$
[node1 ~]$ ls mi_turing/
SO
[node1 ~]$
```