

lab22

🕒 Created	@N vember 16, 2023 10:27 PM
☑ Hech	<input type="checkbox"/>

```
docker pull httpd
```

```
docker images
```

```
docker images
```

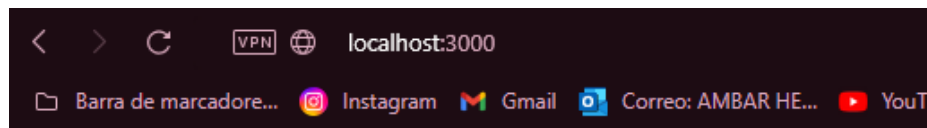
```
docker run -d --name apache1 -p 3000:80 httpd
```

```
docker run -d --name apache11 -p 3001:80 httpd
```

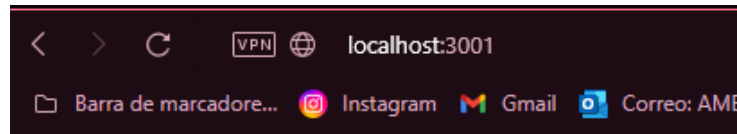
```
docker ps
```

```
C:\Users\IsaQuinn>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
bda17520a335	httpd	"httpd -f -DFOREGROUND"	5 minutes ago	Up 5 minutes	0.0.0.0:3001->80/tcp	apache11



It works!



It works!

```
c:\tmp>docker exec -it apache1 bash
```

```
c:\tmp>
c:\tmp>docker exec -it apache1 bash
root@1b68f5c8222a:/usr/local/apache2# |
```

```
docker run -d --name apache21 -v c:\tmp\htdocs\:/usr/local/apache2/htdocs -p 3002:80 httpd
```

```
C:\tmp>docker run -d --name apache21 -v c:\tmp\htdocs\:/usr/local/apache2/htdocs -p 3002:80 httpd
18cd39ce905b5fe29d7f56374d816c47e4b08a9fd48a5d46a3dc3e414759df3f
```

```
docker ps
```

```
C:\tmp>docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED          STATUS          PORTS                               NAMES
18cd39ce905b   httpd     "httpd-foreground"      About a minute ago   Up About a minute   0.0.0.0:3002->80/tcp               apache21
bd217620a335   httpd     "httpd-foreground"      46 minutes ago     Up 46 minutes     0.0.0.0:3001->80/tcp               apache13
1c97687e1a4ebd   httpd     "httpd-foreground"      10 minutes ago     Up 10 minutes     0.0.0.0:3000->80/tcp               apache12
```

```
docker exec -it apache21 bash
ls
cd htdocs
ls
```

```
C:\tmp>docker exec -it apache21 bash
root@18cd39ce905b:/usr/local/apache2# ls
bin  build  cgi-bin  conf  error  htdocs  icons  include  logs  modules
root@18cd39ce905b:/usr/local/apache2# cd htdocs
root@18cd39ce905b:/usr/local/apache2/htdocs# ls
docker.html
root@18cd39ce905b:/usr/local/apache2/htdocs# |
```



Parte c

```
docker pull phpid/xampp
```

```
C:\Users\IsaQuinn>docker pull phpid/xampp
```

```
Using default tag: latest
```

```
latest: Pulling from phpid/xampp
```

```
445a6a12be2b: Pull complete
```

```
cd3b25012216: Pull complete
```

```
84504e2e02d2: Pull complete
```

```
6abbf1ed27b0: Pull complete
```

```
3f4f866dcfca: Pull complete
```

```
ff72a33957d2: Pull complete
```

```
c7b42e318d3a: Pull complete
```

```
02b8846f8b10: Pull complete
```

```
e878cc4daf9d: Pull complete
```

```
b01034b39046: Pull complete
```

```
0ceba5216015: Pull complete
```

```
bce51fffcac5: Pull complete
```

```
36677f3d8a3a: Pull complete
```

```
548c9b430392: Pull complete
```

```
ab41534e7c81: Pull complete
```

```
66280a1182e7: Pull complete
```

```
ce917c34443a: Pull complete
```

```
93f7d6228b95: Pull complete
```

```
5a9b73867b6b: Pull complete
```

```
1ecf5a44c22b: Pull complete
```

```
084d86c20f05: Pull complete
```

```
9c02d9a600ff: Pull complete
```

```
7152b63a749d: Pull complete
```

```
4f4fb700ef54: Pull complete
```

```
80a9b107e148: Pull complete
Digest: sha256:80a9b107e148
Status: Downloaded newer image for phpid/xampp:latest
```

```
docker images
```

```
C:\Users\IsaQuinn>docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
httpd	latest	7f6a969e81a5	2 weeks ago	168MB
phpid/xampp	latest	80a9b107e148	2 months ago	1.77GB

```
docker run -it -d --name xamppid -p 3010:80 phpid/xampp /bin/bash
```

```
C:\Users\IsaQuinn>docker run -it -d --name xamppid -p 3010:80 phpid/xampp /bin/bash
194ede452113a160951150ca635e58a0a8b391cf8abddccf6fa2b948fbd529c1
```

```
docker ps
```

```
C:\Users\IsaQuinn>docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS
194ede452113   phpid/xampp "/bin/bash"            About a minute Up About a minute 21/tcp, 3306/tcp, 0.0.0.0:3010->80/tcp  xamppid
```

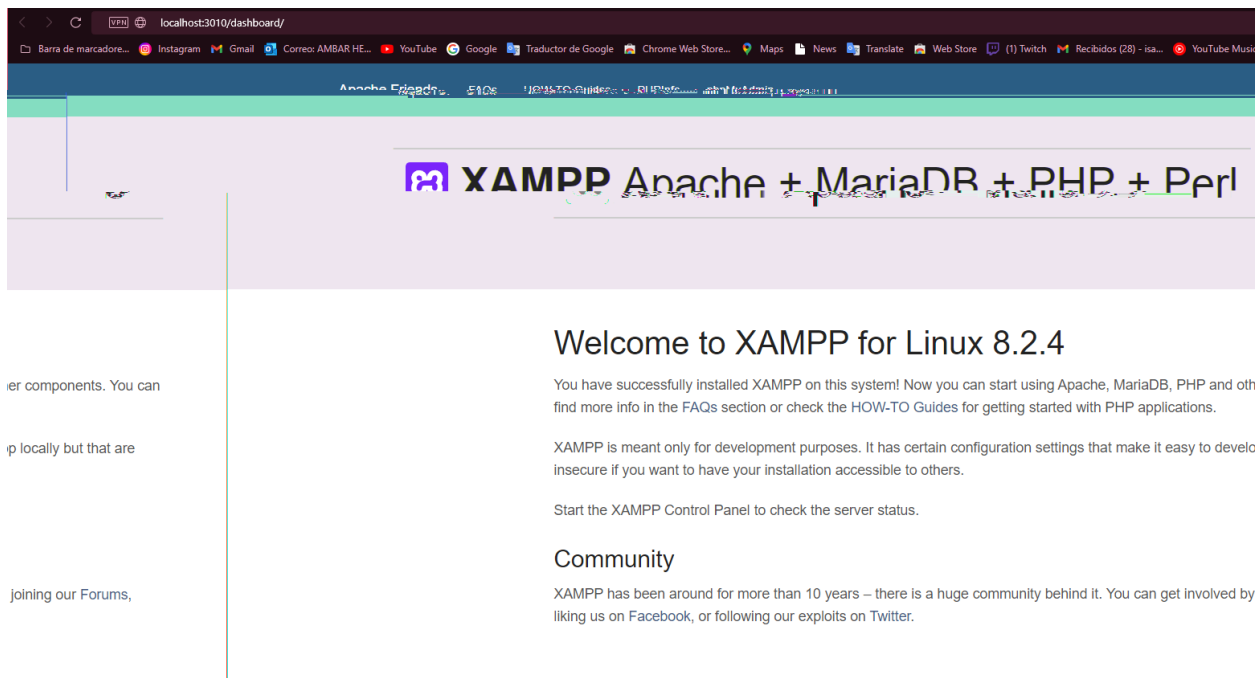
```
docker exec -it xamppid bash
```

```
docker exec -it xamppid bash
root@194ede452113:/opt/lampp/htdocs#
root@194ede452113:/opt/lampp/htdocs#
```

```
cd /
ls
cd opt
ls
cd lampp
lampp start
```

```
root@194ede452113:/opt/lampp/htdocs# cd /
root@194ede452113:/# ls
bin boot dev etc home lib lib32 lib64 libx32 media mnt opt proc root run sbin srv sys tmp usr var
root@194ede452113:/# cd opt
root@194ede452113:/opt# ls
lampp
root@194ede452113:/opt# cd lampp
root@194ede452113:/opt/lampp# ls
README.md  bin      docs      icons     lampp     licenses  manual    php       sbin      xinstall.dat
RELEASENOTES  build    error     img       lib       logs      modules   phpmyadmin  share    var
THIRDPARTY  cgi-bin  etc       include   lib64     man       mysql     proftpd   tmp      xampp
root@194ede452113:/opt/lampp# lampp start
Starting XAMPP for Linux 8.2.4-0...
XAMPP: Starting Apache...ok.
XAMPP: Starting MySQL...ok.
XAMPP: Starting ProFTPD...ok.
root@194ede452113:/opt/lampp#
```

<http://localhost:3010/>



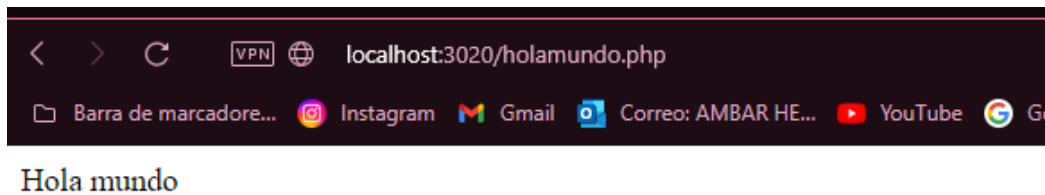
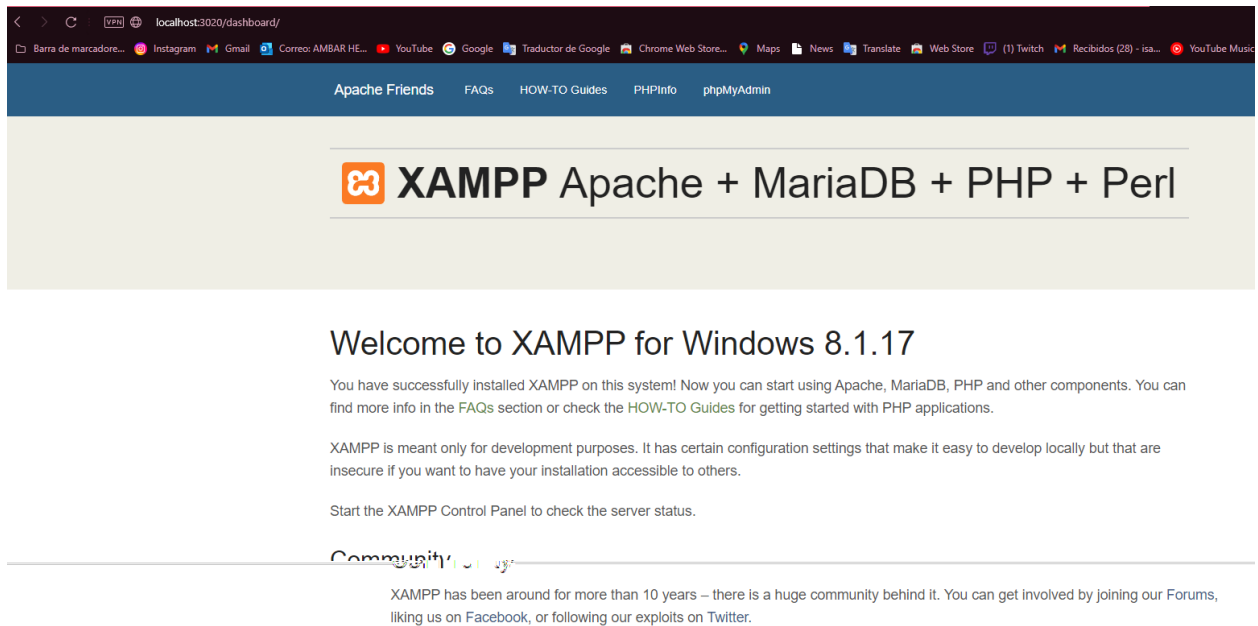
```
docker run -it -d --name xamppid2 -p 3020:80 -v C:\xampp\htdocs:/opt/lampp/htdocs phpid/xampp /bin/bash
```

```
C:\Users\IsaQuinn>docker run -it -d --name xamppid2 -p 3020:80 -v C:\xampp\htdocs:/opt/lampp/htdocs phpid/xampp /bin/bash
f116e13885d8c95670be0a0da60f5bab2256fda07271dd091f0756e57fd21caa
```

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```
docker exec -it xamppid2 bash
cd /
cd opt/lampp
lampp start
```

```
C:\Users\IsaQuinn>docker exec -it xamppid2 bash
root@f116e13885d8:/opt/lampp/htdocs# cd /
root@f116e13885d8:/# cd opt/lampp
root@f116e13885d8:/opt/lampp# lampp start
Starting XAMPP for Linux 8.2.4-0...
XAMPP: Starting Apache...ok.
XAMPP: Starting MySQL...ok.
XAMPP: Starting ProFTPD...ok.
root@f116e13885d8:/opt/lampp# |
```



Parte D

```
FROM phpid/xampp
COPY holamundo.php /opt/lampp/htdocs/
RUN /opt/lampp/lampp start
EXPOSE 80 EXPOSE 433
EXPOSE 21
WORKDIR /opt/lampp/htdocs
CMD ["/bin/bash"]
```

Dockerfile

estar en el direct ri **C:\xampp\htdocs**

```
docker build -t xampp-custom .
```

```
C:\xampp\htdocs>docker build -t xampp-custom .
[+] Building 0.7s (9/9) FINISHED
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 205B
=> [internal] load metadata for docker.io/phpid/xampp:latest
=> [internal] load build context
=> => transferring context: 295B
=> [1/4] FROM docker.io/phpid/xampp
=> [2/4] COPY holamundo.php /opt/lampp/htdocs/
=> [3/4] RUN /opt/lampp/lampp start
=> [4/4] WORKDIR /opt/lampp/htdocs
=> exporting to image
=> => exporting layers
=> => writing image sha256:b37a282c973c9a755ac43bc55b9bbd7712e5d5876bcc90a9ed668985ee8030b8
=> => naming to docker.io/library/xampp-custom
```

What's Next?

[View a summary of image vulnerabilities and recommendations](#) · [docker scout quickview](#)

```
C:\xampp\htdocs>
```

```
docker images
```

```
C:\xampp\htdocs>docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
xampp-custom	latest	b37a282c973c	3 minutes ago	1.77GB
httpd	latest	7f6a969e81a5	2 weeks ago	168MB
phpid/xampp	latest	80a9b107e148	2 months ago	1.77GB

```
docker run -it -d --name xampp3 -p 3030 xampp-custom
```

```
C:\xampp\htdocs>docker run -it -d --name xampp3 -p 3030 xampp-custom
4470b39e94fef3315875c7b56d259f83d1679017179622d6bd7d991a4818c103
```

```
docker ps
```

C rrer l s servi ci s


```
docker exec -it xampp3 bash
```

```
root@4470b39e94fe:/opt/lampp# lampp start
Starting XAMPP for Linux 8.2.4-0...
XAMPP: Starting Apache...ok.
XAMPP: Starting MySQL...ok.
XAMPP: Starting ProFTPD...ok.
root@4470b39e94fe:/opt/lampp#
```

The screenshot shows the Docker Desktop interface. At the top, there's a search bar and a toggle for 'Only show running containers'. Below this is a table of containers. The 'xampp3' container is the only one in a 'Running' state, with its CPU usage at 0.02% and memory usage at 56687.3030 MB. The other containers are in an 'Exited' state.

Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
xamppid2	phpid/xampp	Exited (137)	0%	3020:80	4 hours ago	[Start] [Stop] [Restart] [Logs]
xamppid	phpid/xampp	Exited (137)	0%	3010:80	5 hours ago	[Start] [Stop] [Restart] [Logs]
apache21	httpd	Exited (255)	0%	3002:80	22 hours ago	[Start] [Stop] [Restart] [Logs]
apache11	httpd	Exited (255)	0%	3001:80	22 hours ago	[Start] [Stop] [Restart] [Logs]
apache1	httpd	Exited (255)	0%	3000:80	22 hours ago	[Start] [Stop] [Restart] [Logs]
xampp3	xampp-custom	Running	0.02%	56687.3030	2 hours ago	[Stop] [Restart] [Logs]

Showing 6 items

RAM 2.93 GB CPU 0.00% Signed in v4.25.1 Engine running