

Tarea de docker laboratorio 4A

Jose Alba Arrufat

Me instalo node con “docker pull node”

```
josef@kyogre:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
node          latest    a75ea7321a1a   19 hours ago   1.1GB
nginx         latest    a6bd71f48f68   11 days ago    187MB
mongo         latest    ee3b4d1239f1   7 weeks ago    748MB
ubuntu        latest    e4c58958181a   8 weeks ago    77.8MB
josef@kyogre:~$
```

Luego abro el archivo comprimido de la práctica y pongo el dockerfile en su sitio, con el crearemos una imagen basada en node, copiaremos el archivo server.js:

```
josef@kyogre:~/Documents/Tareas_de_clase/Entornos/docker/tarea6_Lab4A$ docker build -t node_jose .
[*] Building 5.5s (9/9) FINISHED
=> [internal] load .dockerignore
=> [internal] load build definition from Dockerfile
=> [internal] load metadata for docker.io/library/node:latest
=> [1/4] FROM docker.io/library/node
=> [internal] load build context
=> [internal] transferring context: 301.33kB
=> [2/4] WORKDIR /app
=> [3/4] COPY . /app
=> [4/4] RUN npm install
=> exporting to image
=> exporting layers
=> writing image sha256:f31f8d1c97dfb8309e6e5d20b1bb2df42c1ba184136e72ab455d7e3748446f2
=> naming to docker.io/library/node_jose

What's Next?
View a summary of image vulnerabilities and recommendations -> docker scout quickview
josef@kyogre:~/Documents/Tareas_de_clase/Entornos/docker/tarea6_Lab4A$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
node_jose      latest    f31f8d1c97df   5 seconds ago   1.11GB
node          latest    a75ea7321a1a   19 hours ago   1.1GB
nginx         latest    a6bd71f48f68   11 days ago    187MB
mongo         latest    ee3b4d1239f1   7 weeks ago    748MB
ubuntu        latest    e4c58958181a   8 weeks ago    77.8MB
josef@kyogre:~/Documents/Tareas_de_clase/Entornos/docker/tarea6_Lab4A$
```

Una vez tengamos la imagen, la ejecutaremos.

En mi caso, lo ejecutare de manera local en el puerto 3000:

```
joshelito@kyogre: $ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
node_jose      latest    f31f8d1c97df   11 minutes ago 1.11GB
node           latest    a75ea7321a1a   19 hours ago   1.1GB
nginx          latest    a6bd71f48f68   11 days ago    187MB
mongo          latest    ee3b4d1239f1   7 weeks ago    748MB
ubuntu         latest    e4c58958181a   8 weeks ago    77.8MB
joshelito@kyogre: $ docker run -p 3000:80 f31f8d1c97df
```

```
joshelito@kyogre: ~
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
d7a2362f6f2c   f31f8d1c97df   "docker-entrypoint.s..." 16 seconds ago Up 14 seconds 0.0.0.0:3000->80/tcp, :::3000->80/tcp youthful_brown
78a0adb4156a   ubuntu      "bash"                   2 weeks ago   Exited (137) 2 weeks ago          friendly_mahavira
joshelito@kyogre: $
```

Y si ahora en el navegador voy al localhost:3000...

