

VENTAJAS DE PODMAN sobre DOCKER

La mayor ventaja que ofrece Podman frente a Docker es que prescinde de un Daemon centralizado, brinda más seguridad ya que los contenedores no tienen los derechos root, Docker es centralizado Su Daemon requiere tener derechos root, lo cual crea un riesgo potencial para la seguridad.

CREACION DE DOCKER FILE + DOCKER BUILD

Usando repo ejempllo

```
$ git clone https://github.com/docker/getting-started.git
```

Dockerfile en el Proyecto

```
Dockerfile U X
Dockerfile
1  # syntax=docker/dockerfile:1
2  FROM node:12-alpine
3  RUN apk add --no-cache python2 g++ make
4  WORKDIR /app
5  COPY . .
6  RUN yarn install --production
7  CMD ["node", "src/index.js"]
8  EXPOSE 3000
```

Docker build

```
E:\Jalabootcamp\getting-started\app>code .
E:\Jalabootcamp\getting-started\app>docker build -t getting-started .
[+] Building 78.1s (13/14)
=> => sha256:ad87fb03593d1b71f9a1cfc1406c4aafcb253b1dabebf569768d6e6166836f34 528B / 528B 0.0s
=> => sha256:1e8a16826fd1c80a63fa6817a9c7284c94e40cded14a9b0d0d3722356efa47bd 2.37kB / 2.37kB 0.0s
[+] Building 78.2s (13/14)
=> => sha256:ad87fb03593d1b71f9a1cfc1406c4aafcb253b1dabebf569768d6e6166836f34 528B / 528B 0.0s
=> => sha256:1e8a16826fd1c80a63fa6817a9c7284c94e40cded14a9b0d0d3722356efa47bd 2.37kB / 2.37kB 0.0s
[+] Building 79.0s (13/14)
=> => sha256:ad87fb03593d1b71f9a1cfc1406c4aafcb253b1dabebf569768d6e6166836f34 528B / 528B 0.0s
=> => sha256:1e8a16826fd1c80a63fa6817a9c7284c94e40cded14a9b0d0d3722356efa47bd 2.37kB / 2.37kB 0.0s
[+] Building 79.1s (14/14) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
```

Docker run

```
E:\jalabootcamp\getting-started\app>docker run -dp 3000:3000 getting-started
4e49c45e22e96379084d4d644738fb77d10b743a21844c41dd1b9dcd2cf03e15
E:\jalabootcamp\getting-started\app>
```

serene_bartik		getting-started:latest	Running	3000:3000	5 minutes ago		
4e49c45e22e9							

