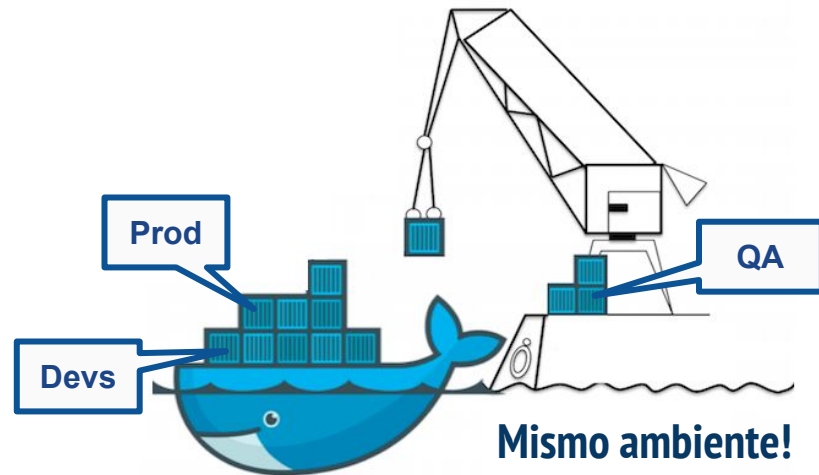
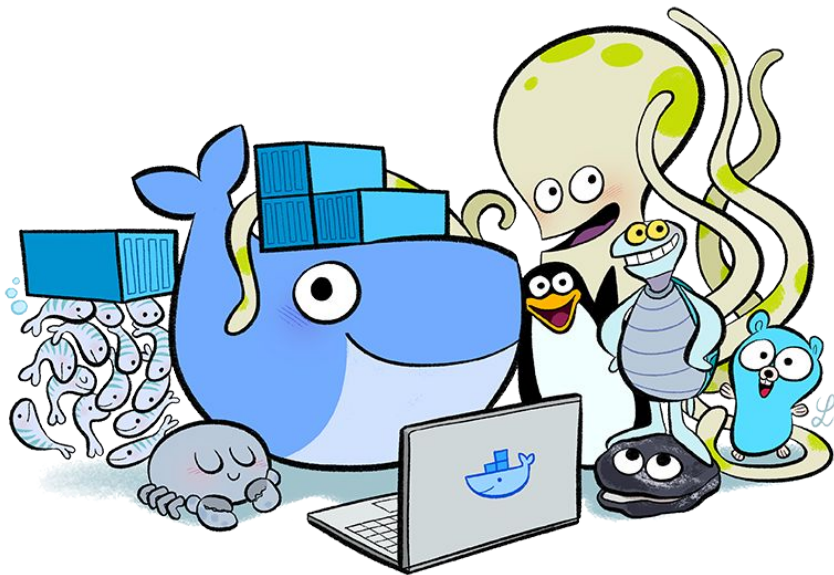


docker



PionerasDev

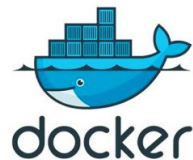
Que es Docker?



Ejecuta los "contenedores" independientemente dentro de una sola instancia de Linux.



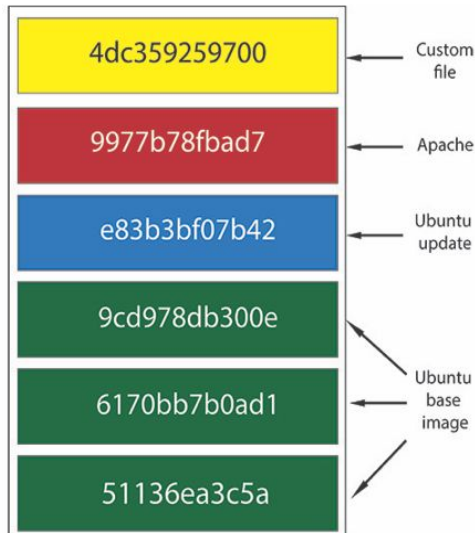
Componentes



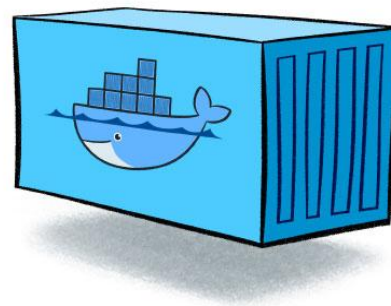
Dockerfile



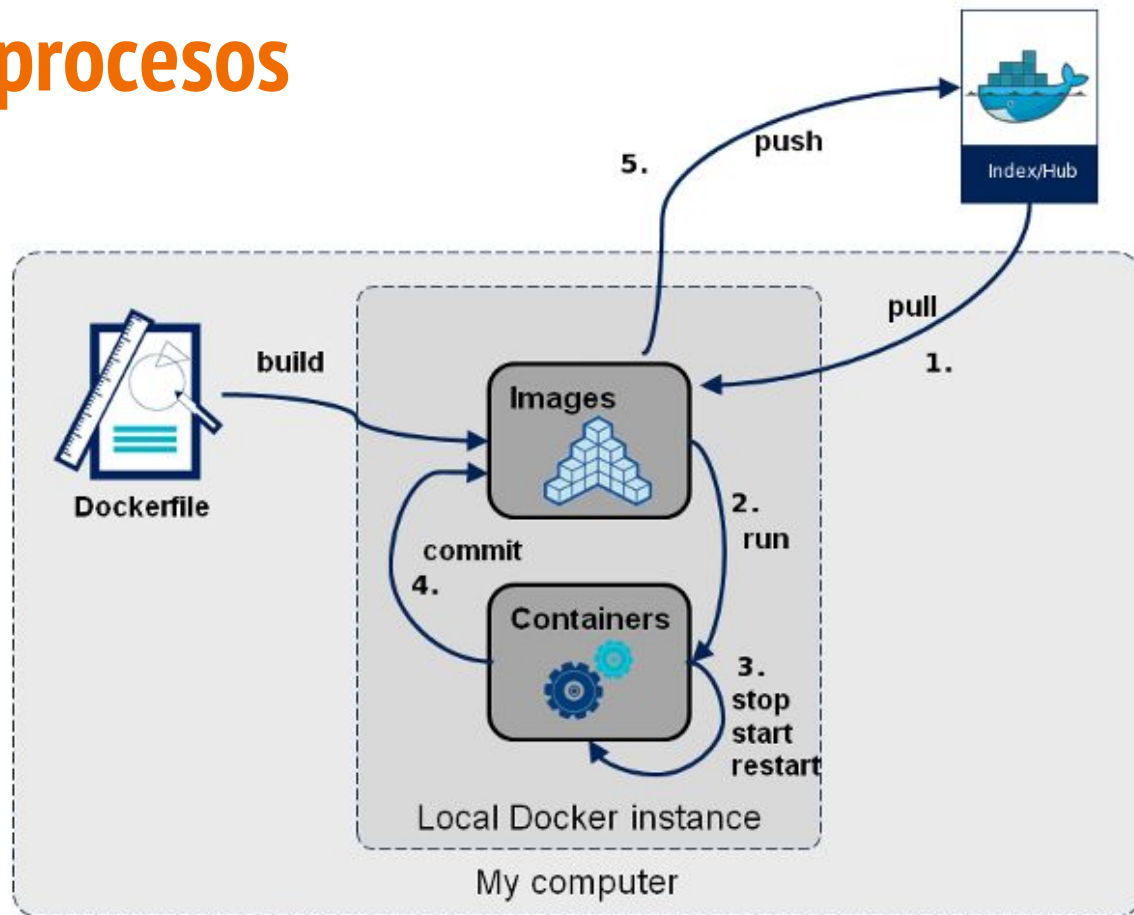
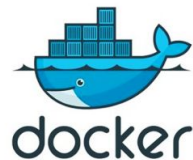
Image



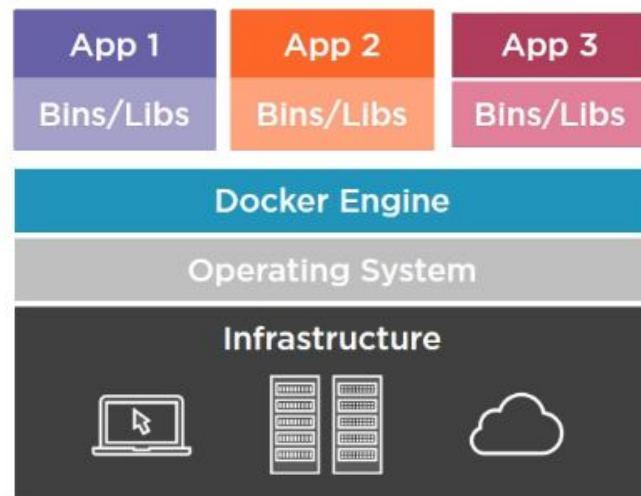
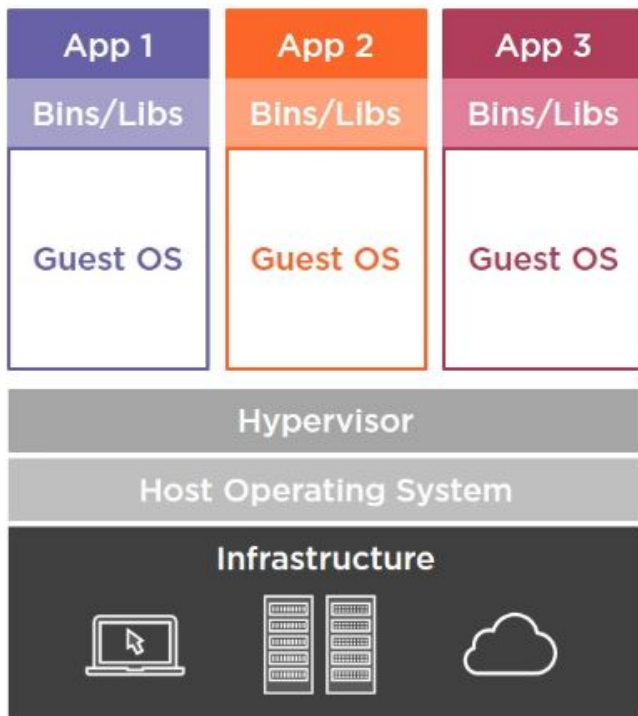
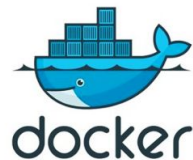
Container



Flujo de procesos



Docker vs Máquinas virtuales

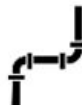


Ventajas de usar Docker



Simplifying
Configuration

Code Pipeline
Management



Developer Productivity

App Isolation



Server Consolidation

Debugging Capabilities

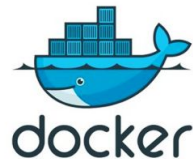


Multi-tenancy

Rapid
Deployment



Dockerfile



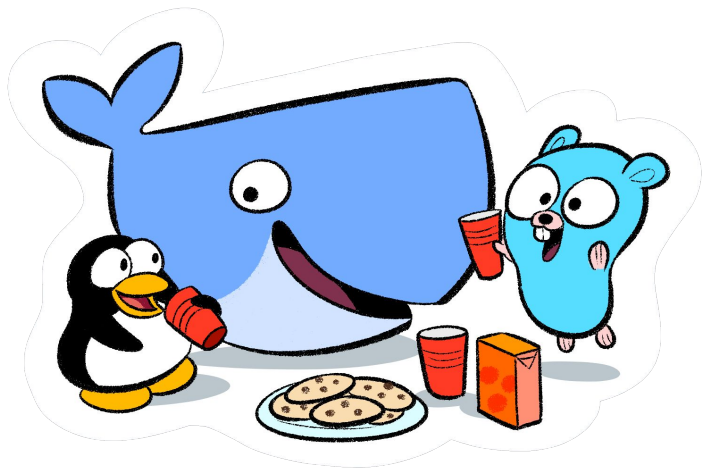
- FROM
- MAINTAINER
- RUN - CMD
- EXPOSE
- ENV
- ADD
- COPY
- ENTRYPOINT
- VOLUME
- USER
- WORKDIR
- HEALTHCHECK



Docker Ubuntu



```
$ docker run --name ubuntu_pioneras --rm -i -t ubuntu:rolling
```



- ❑ Ejecutar una imagen ubuntu
- ❑ Usar el bash del contenedor
- ❑ Ejecutar el bash fuera del contenedor



DockerHub + Go

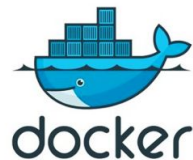


<https://github.com/twogg-git/go-docker-hub>

- ☐ Obtener una imagen
- ☐ Ejecutar un contenedor
- ☐ Renombrar una imagen
- ☐ Detener una imagen
- ☐ Eliminar contenedores



Docker + NGinX + HTML



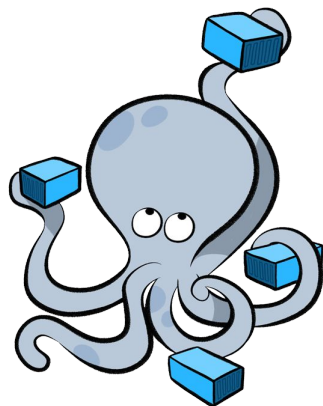
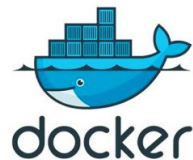
<https://github.com/twogg-git/docker-nginx>



Dockerfile



Docker Compose



Logger DB



Rest API



Web Server



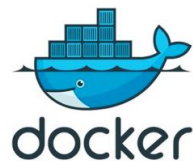
SMTP



<https://github.com/twogg-git/docker-compose-java>



Referencias



<http://training.play-with-docker.com/>

<http://labs.play-with-docker.com/>

<https://www.docker.com/what-docker>

<http://blog.arungupta.me/>

