

Fundamentos de docker

Pasado, Presente y Futuro

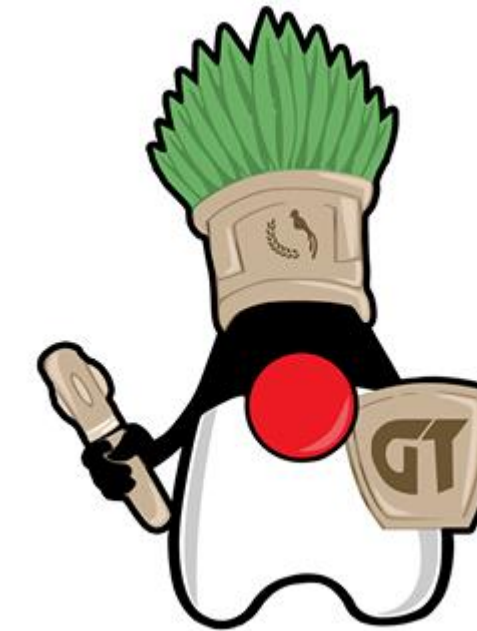


Acerca de mi



Soy Vicente Suc

- * Soy Ingeniero en Sistemas.
- * Ingeniero de Software en tecnologías .NET y Java (EE) en PEOPLE APPS .
- * Soy apasionado por el deporte, tecnologia y los videojuegos.
- * Me gusta participar y apoyar en las comunidades tecnologias y gamers.



GUATE-JUG

Miembro Grupo leader



PEOPLE APPS

Ingeniero de software



RCG- LOL

Miembro
League of legends GT
vincsis / vincxis



MICROSOFT

Miembro
Dev Group

AGENDA PARA HOY



Que es docker?



El mundo antes de Docker (Pasado)

Virtual Box, Instaladores, Particiones, VmWare, Proxmox



Maquinas Virtuales vrs Contenedores (Presente)

Docker, repositorios, imagenes , contenedores, demo



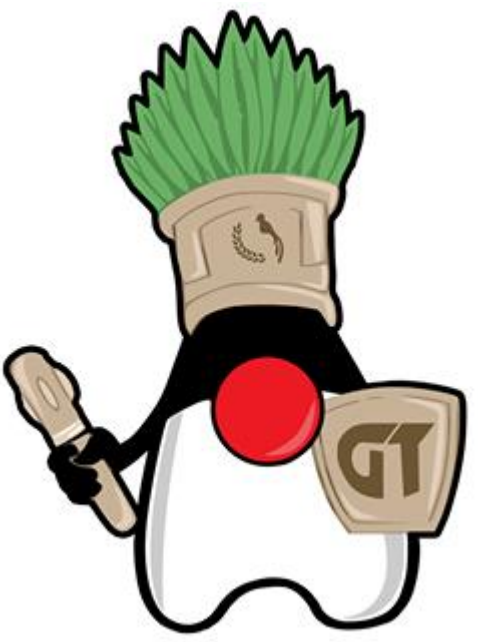
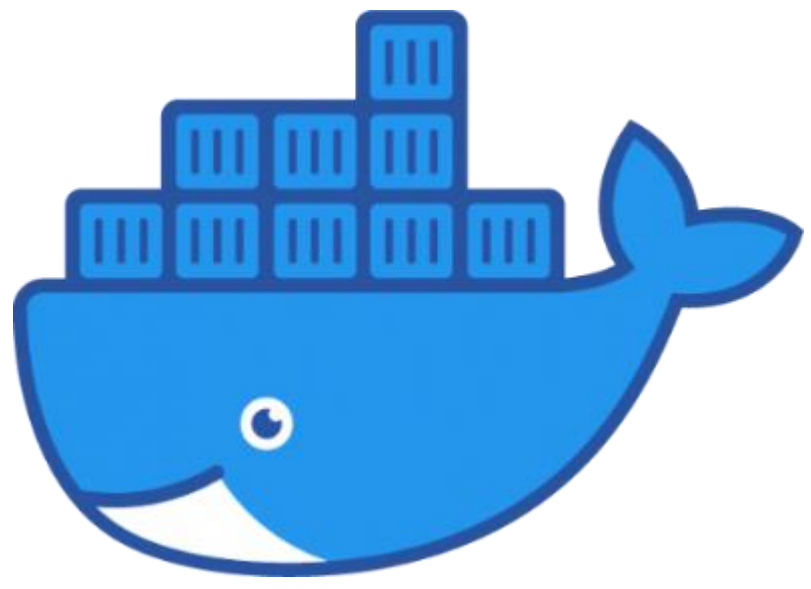
Un mundo lleno de contenedores (Futuro)

Alternativas a Docker, Innovacion, Microservicios, y CP



Importancia del mercado laboral

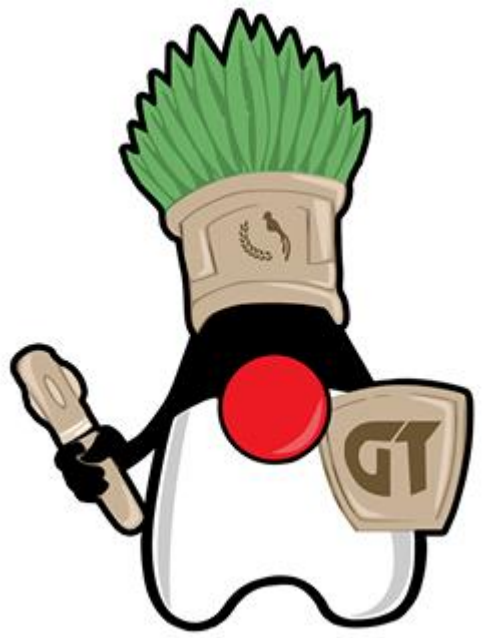
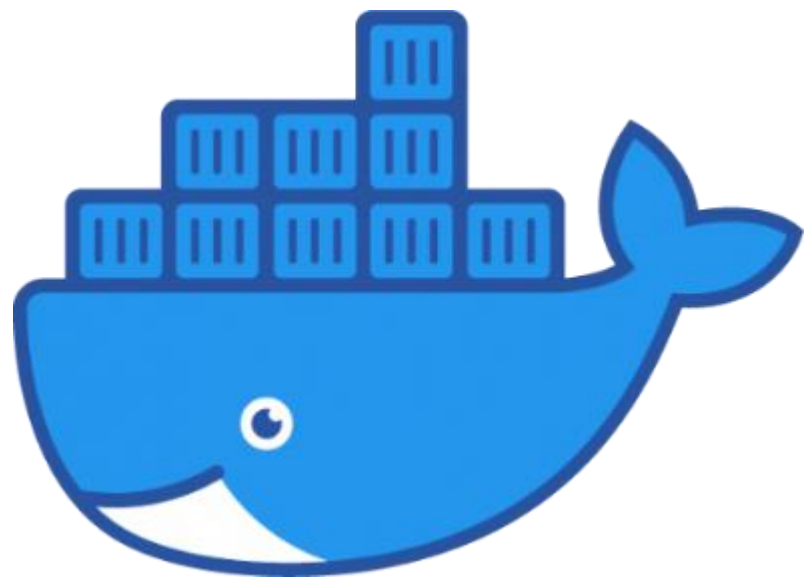
DCA, Aprendizaje y desarrollo de habilidades



Que es Docker?

Su nacimiento cambio al mundo



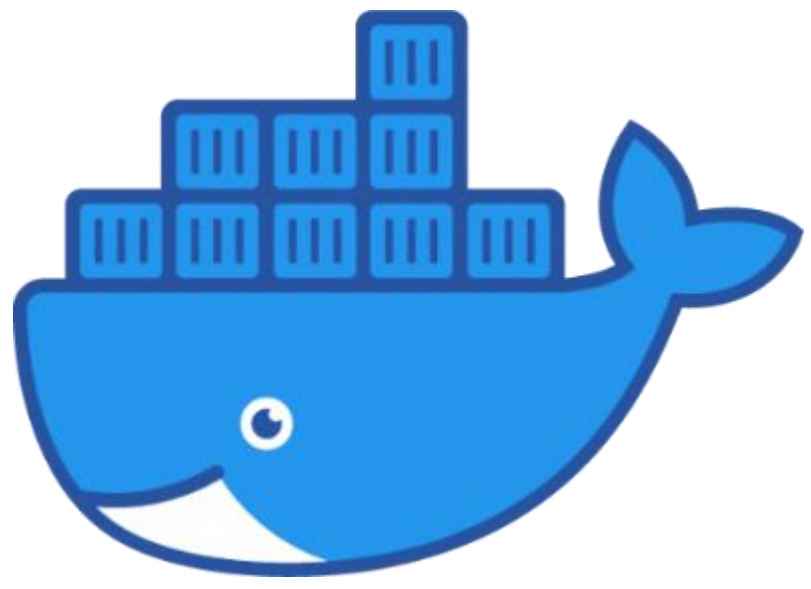


Docker es un proyecto de código abierto para automatizar la **implementación** de **aplicaciones** como **contenedores portátiles** y **autosuficientes** que se pueden ejecutar en la nube o localmente.

Docker es también una empresa que promueve e impulsa esta tecnología, en colaboración con proveedores de la nube, Linux y Windows, incluido Microsoft.



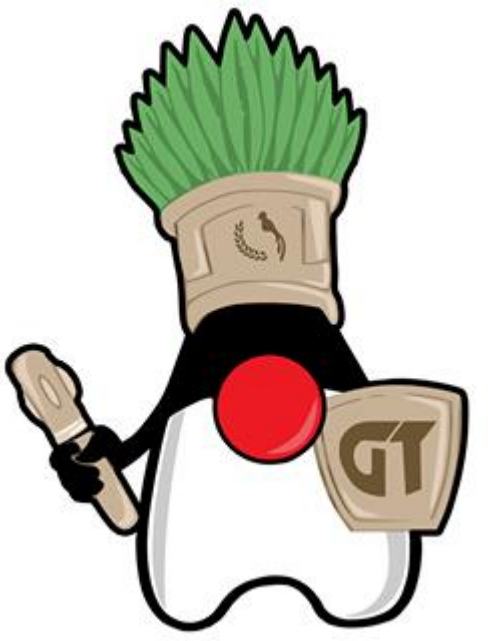
Docker .Inc

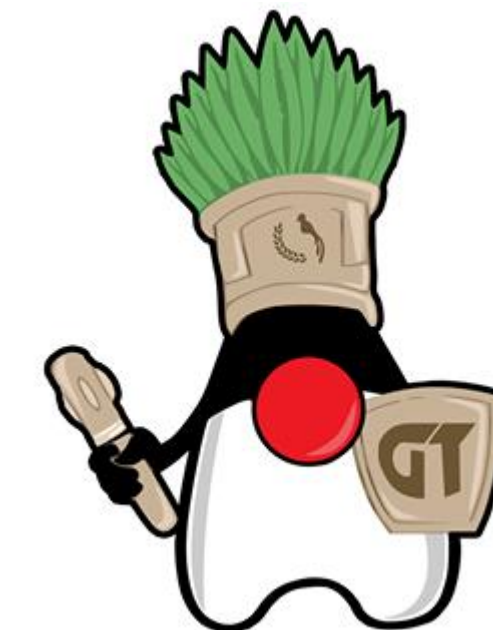
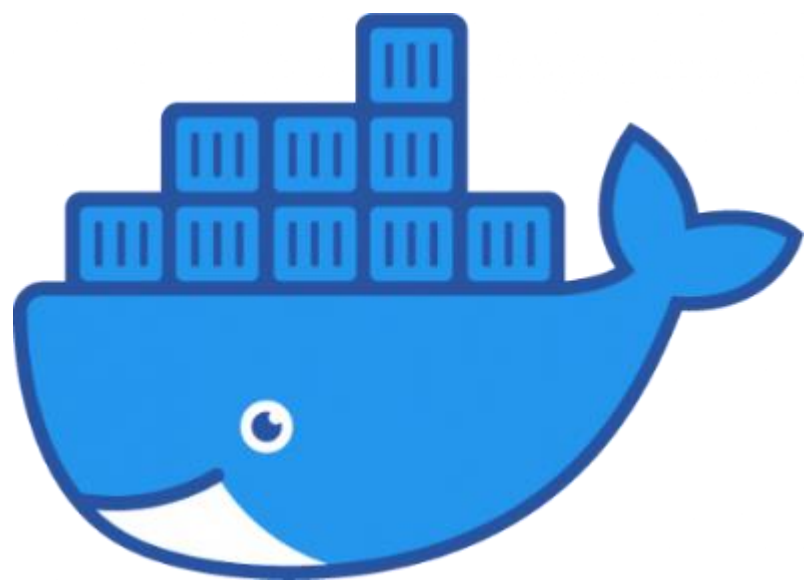


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Contenedores

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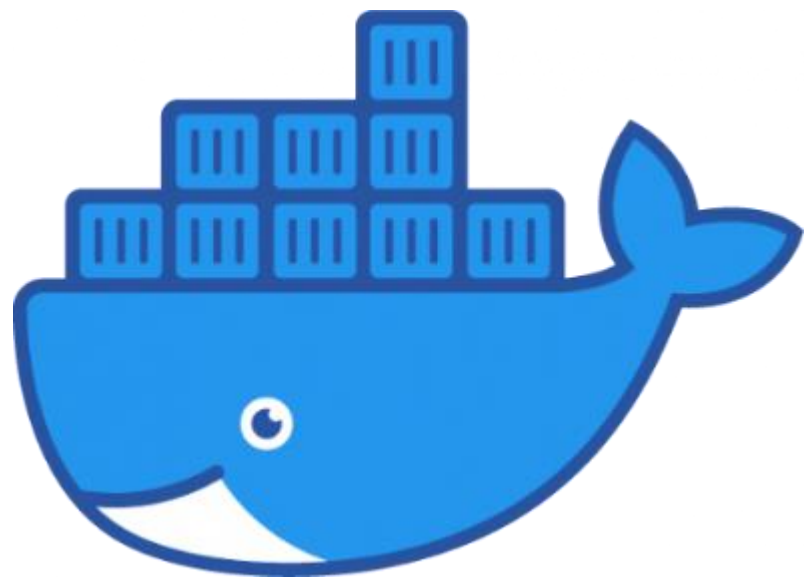




El mundo antes de Docker

Virtual Box, Instaladores, Particiones, VmWare, Proxmox

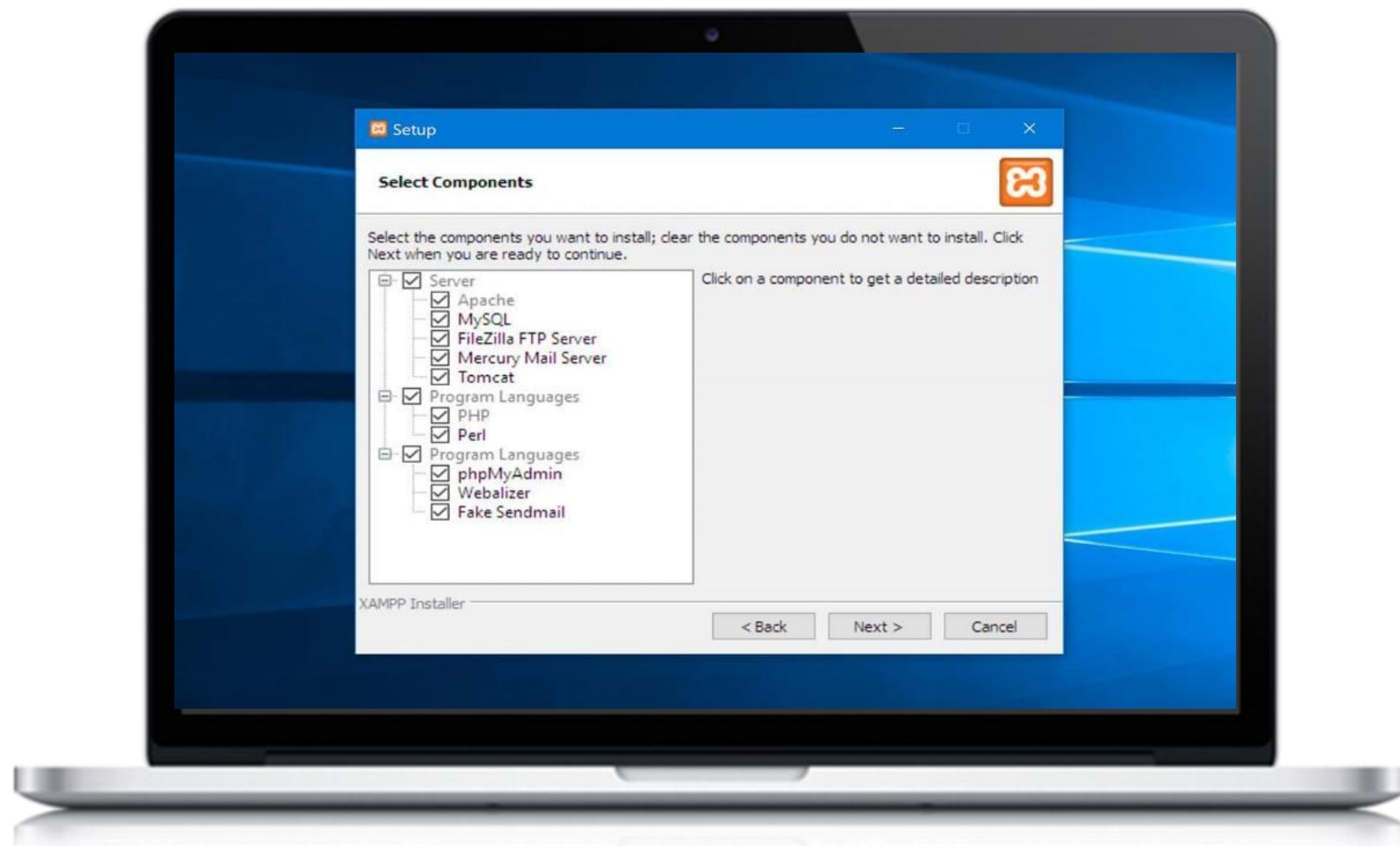
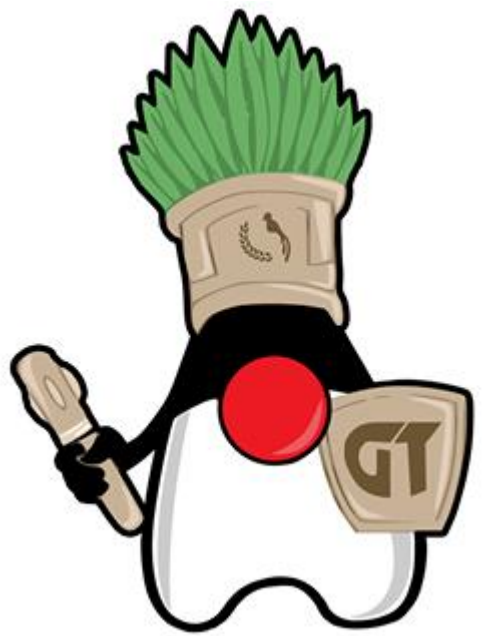




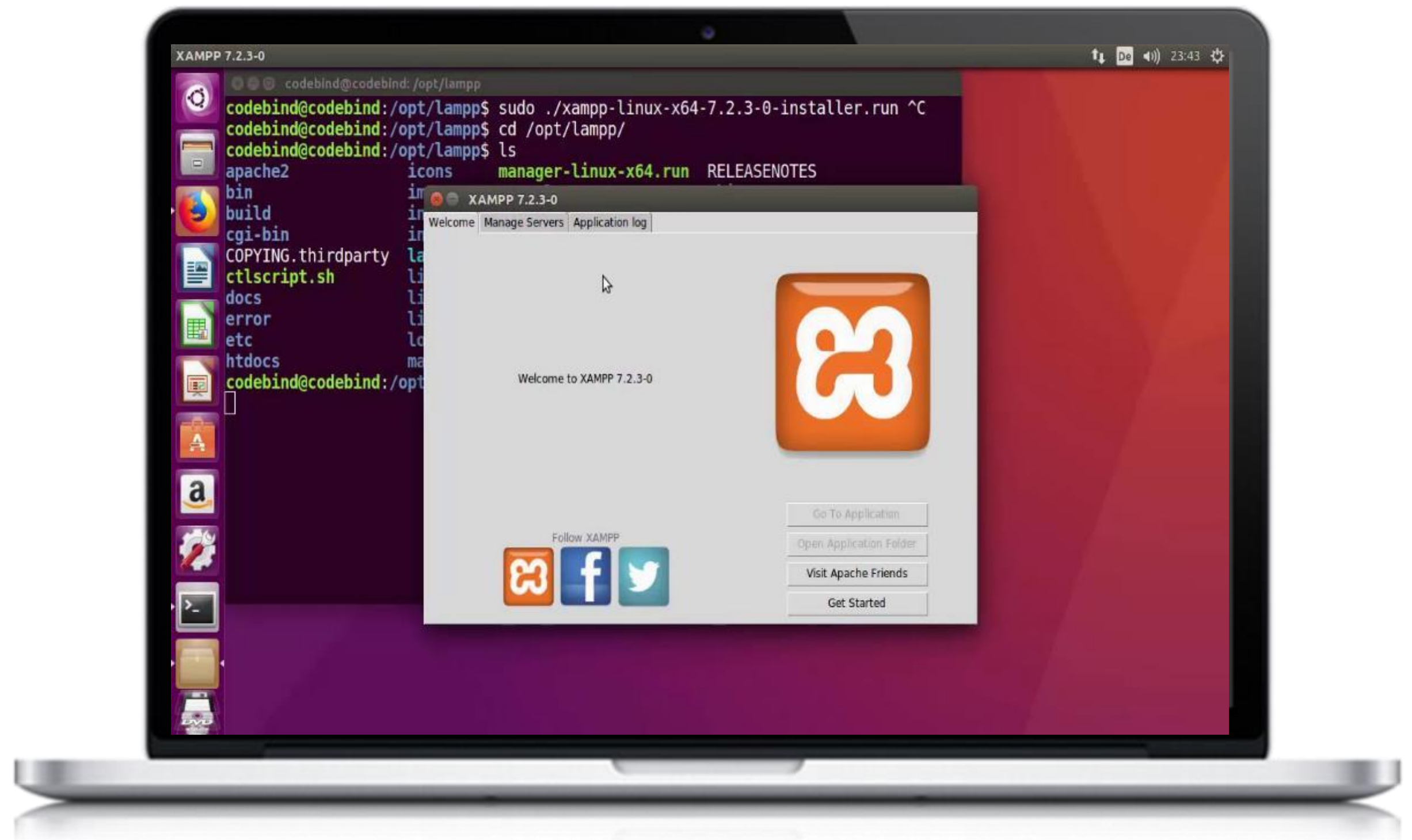
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Instaladores

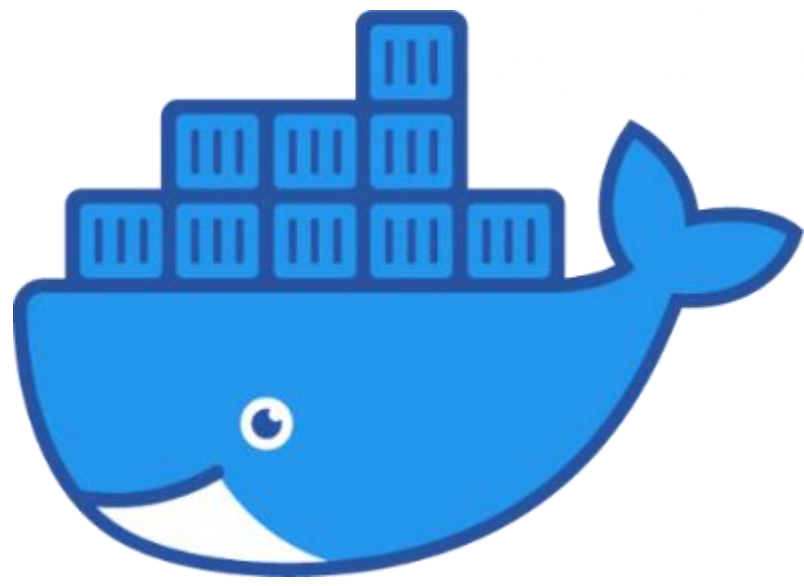
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WINDOWS



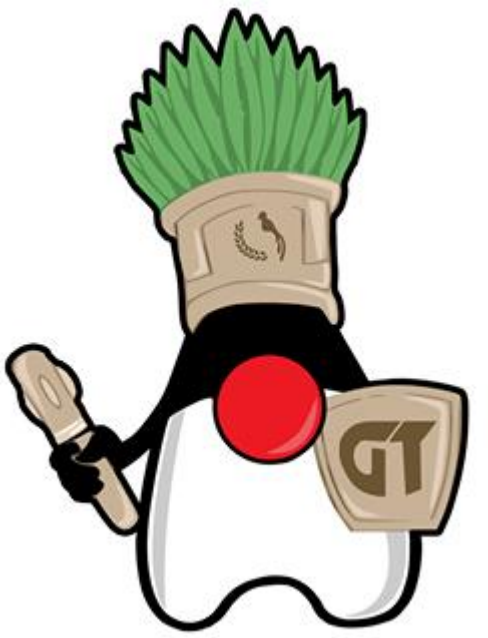
LINUX

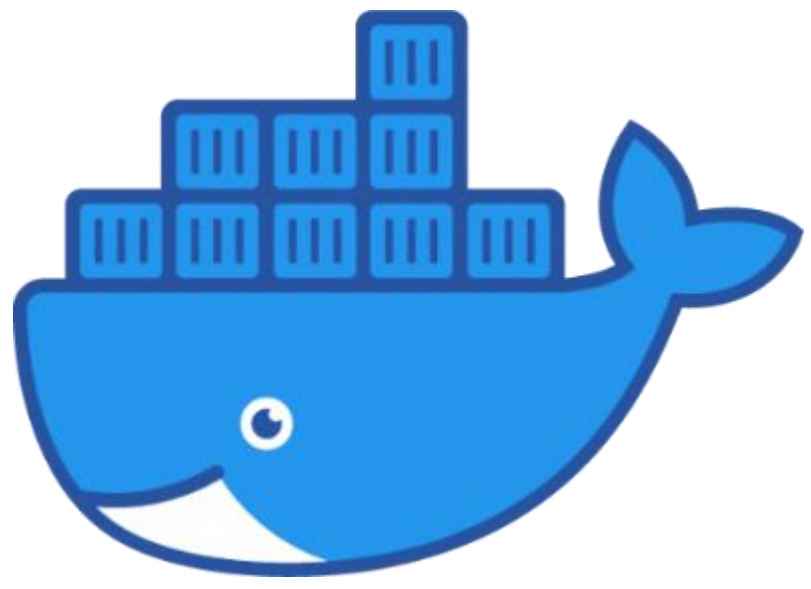


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Virtual Box

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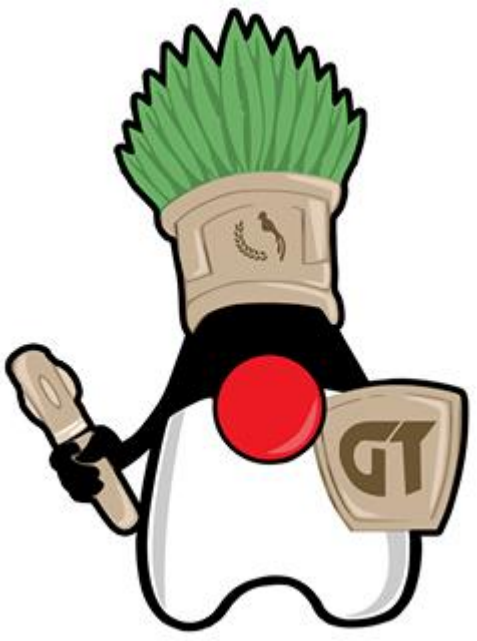




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Particiones

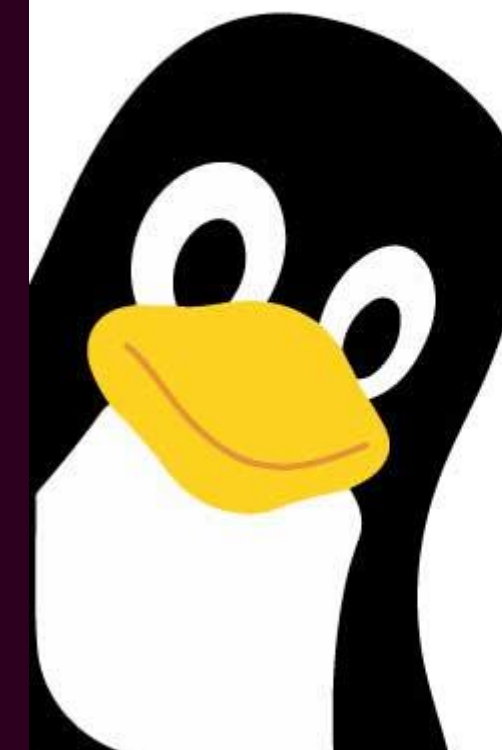
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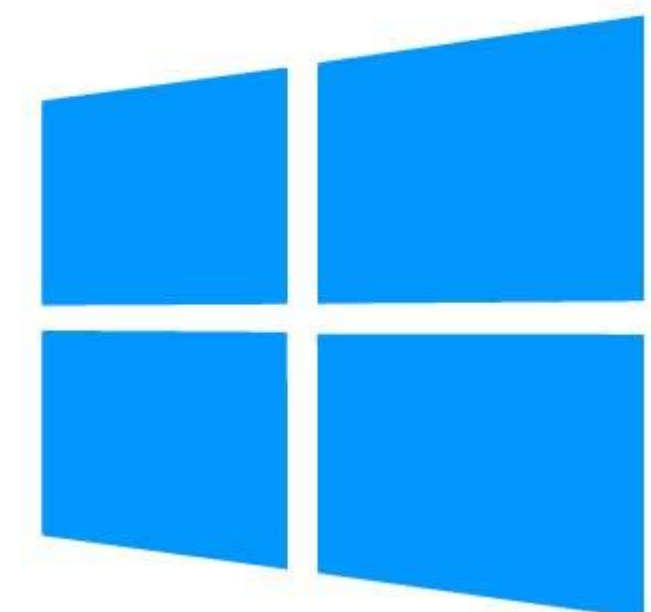
```
GNU GRUB  version 2.02~beta2-9ubuntu1

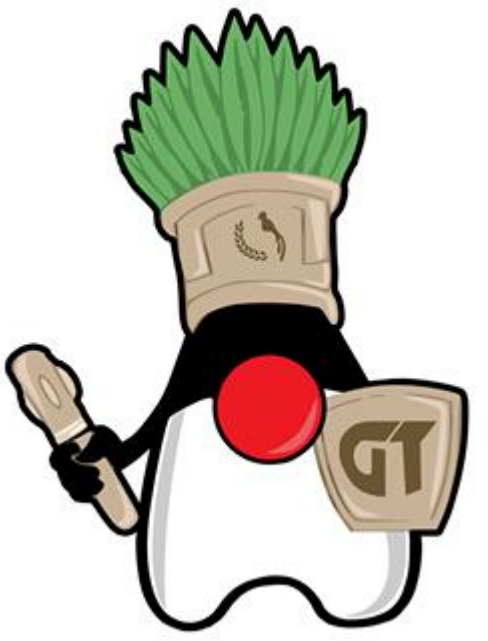
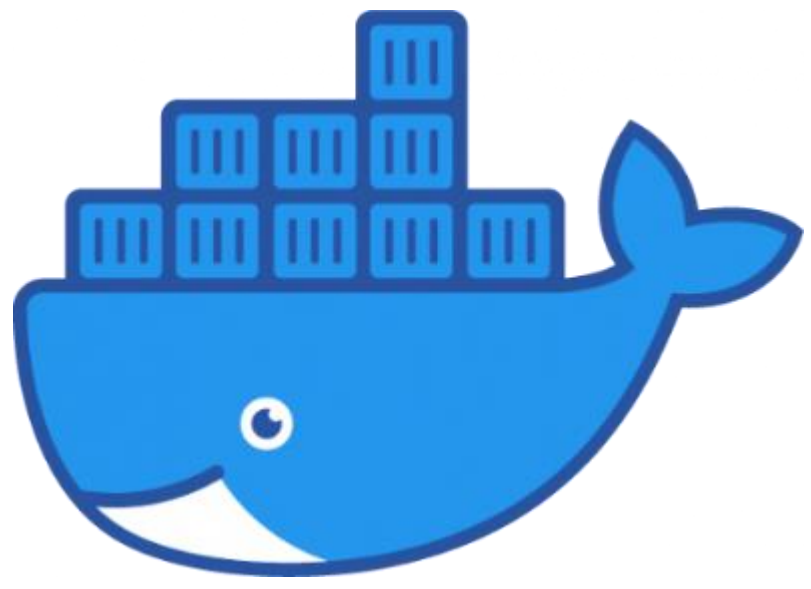
*Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
Windows 7 (loader) (on /dev/sda1)
```

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the commands
before booting or 'c' for a command-line.

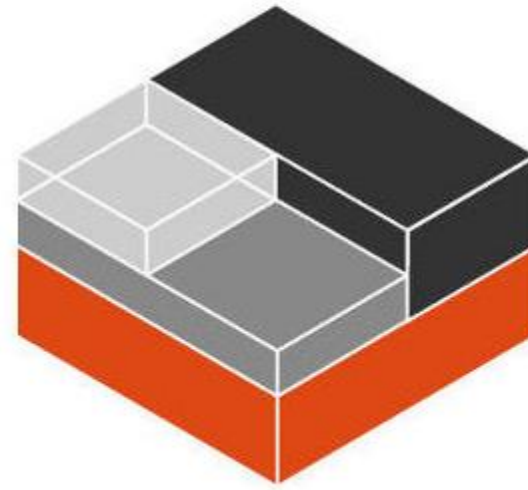


VS

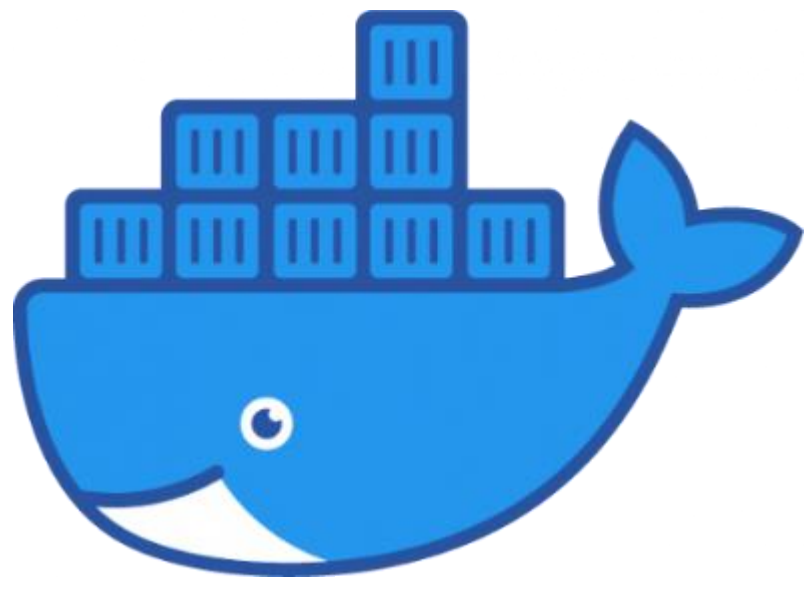




PROXMOX



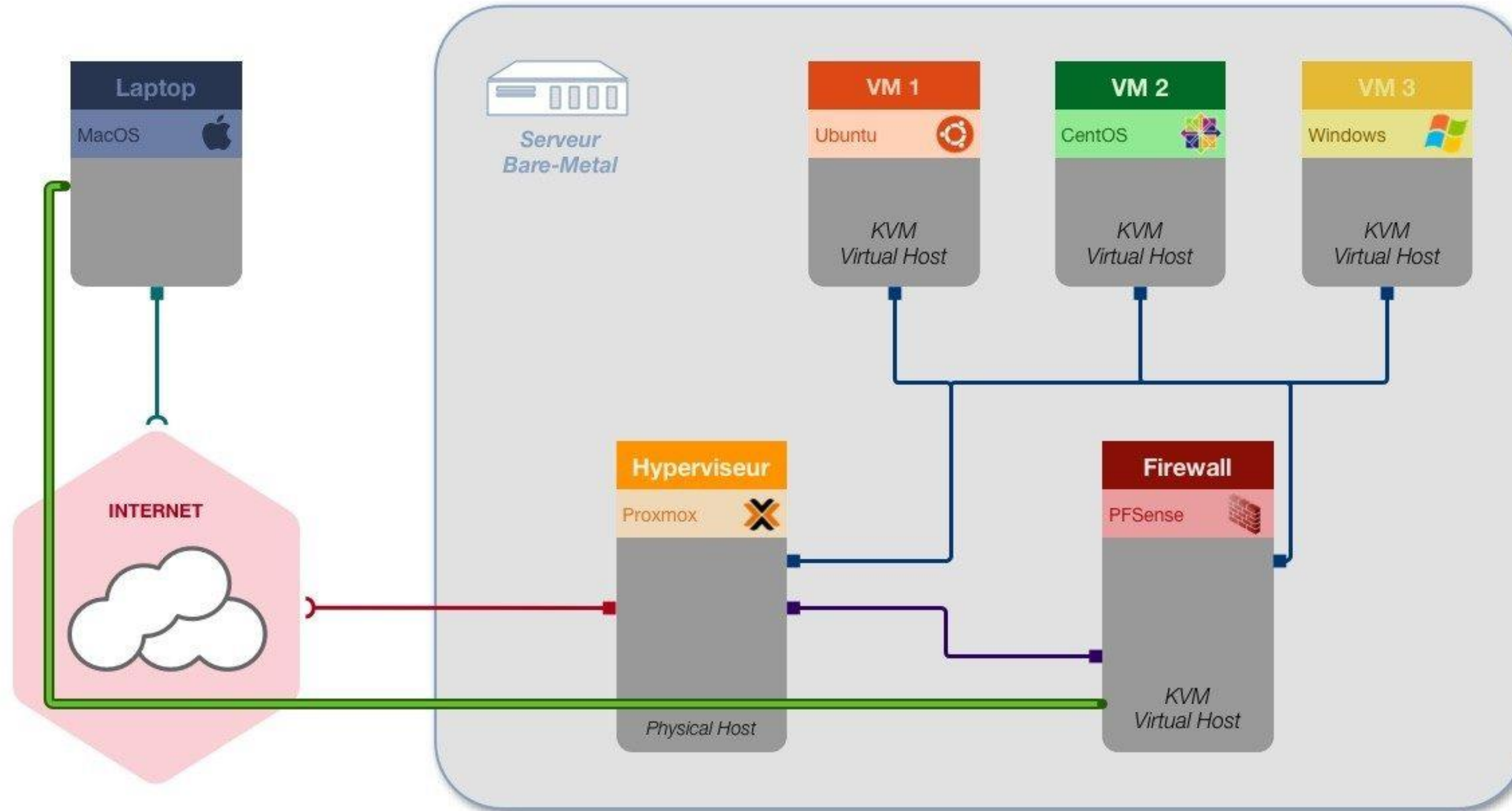
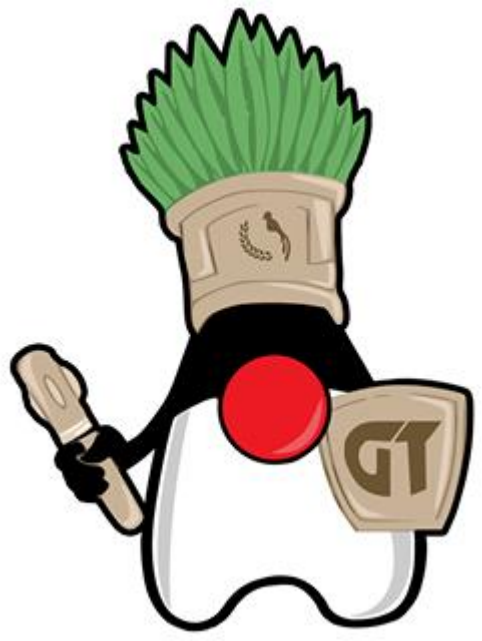
Microsoft Hyper-V

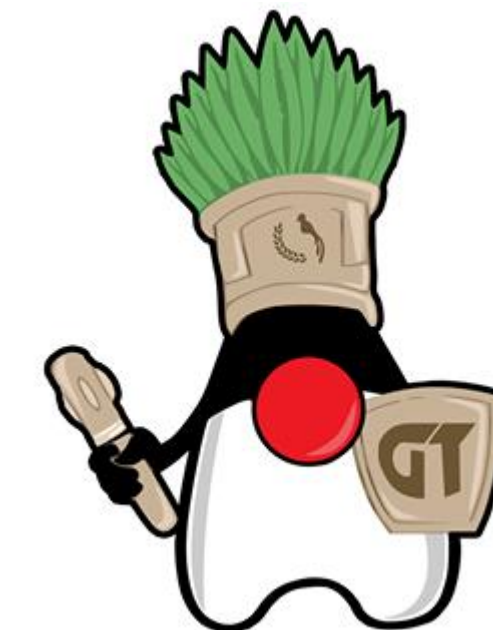
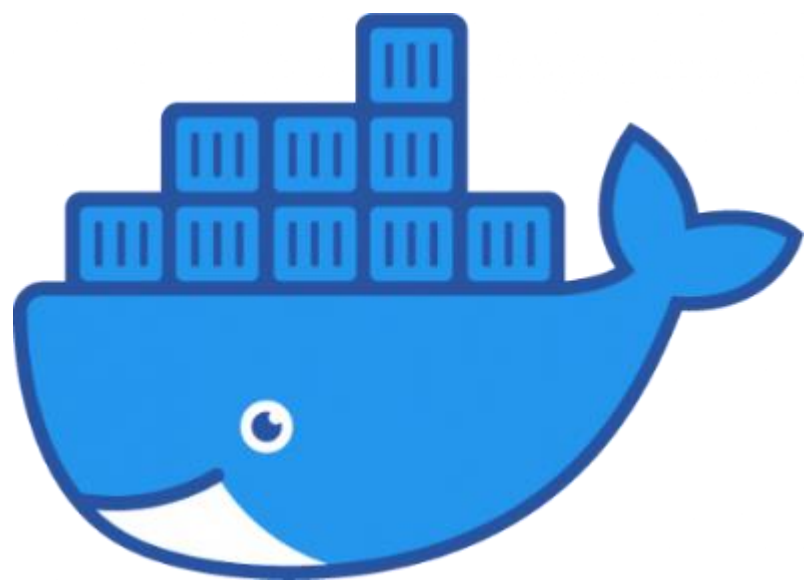


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Corporativo

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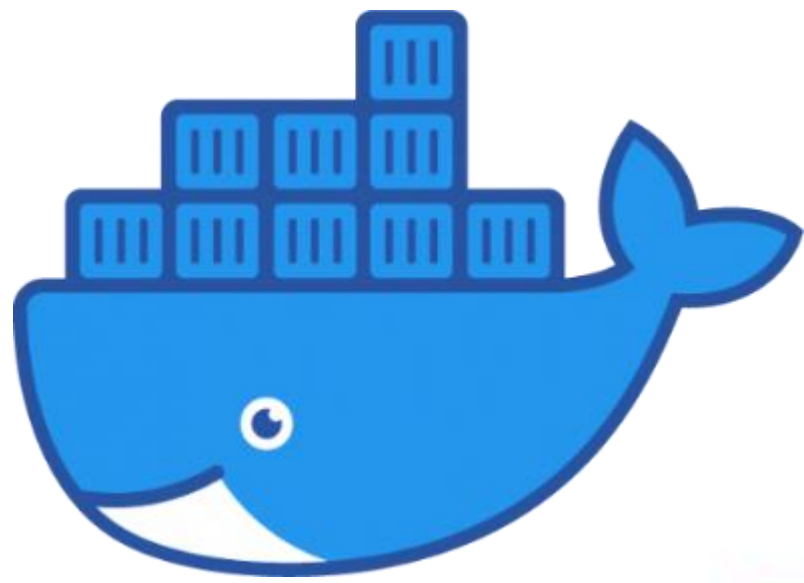




Maquinas Virtuales Vrs Contenedores

Docker, repositorios imagenes, contenedores, Demo

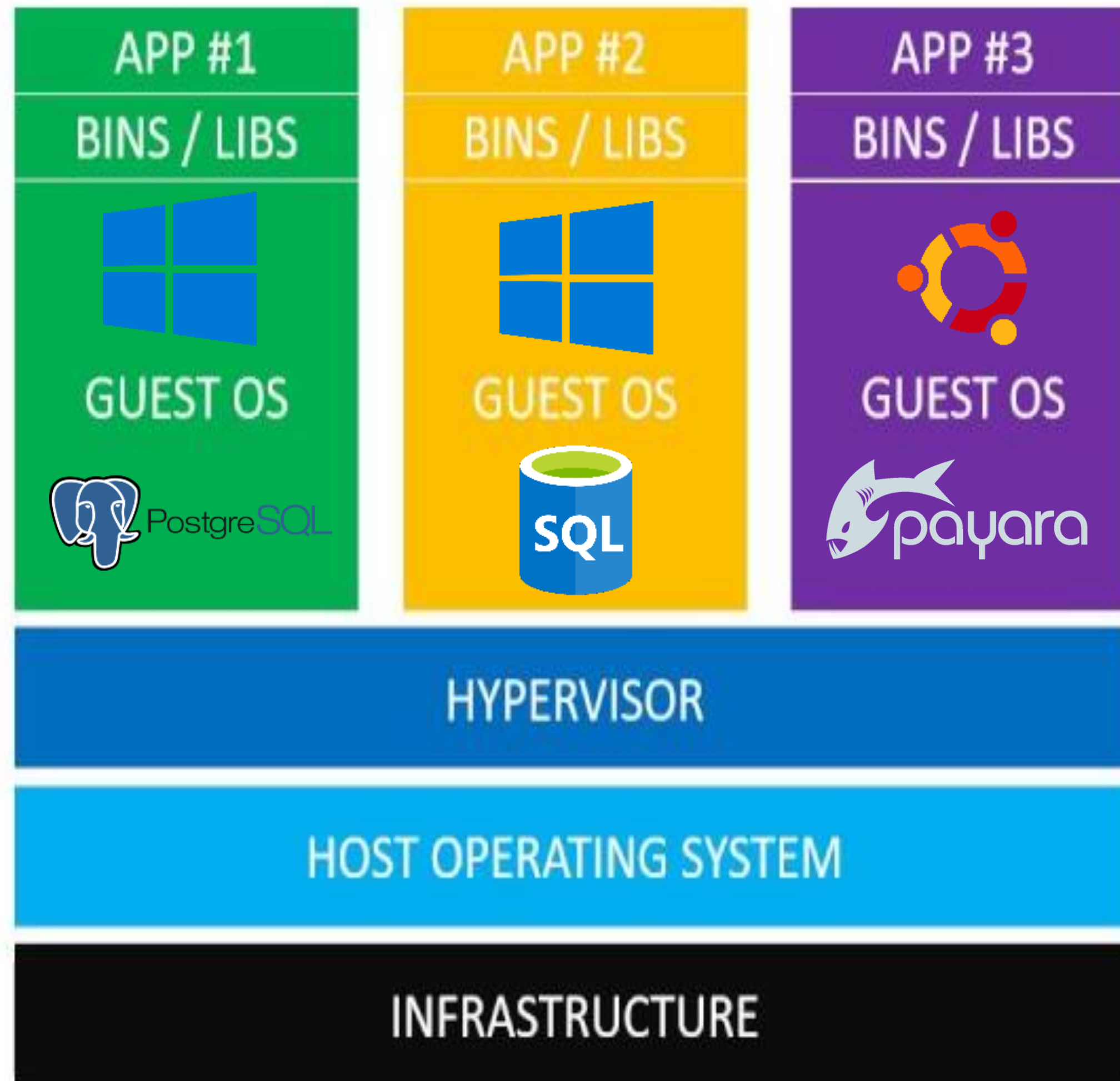
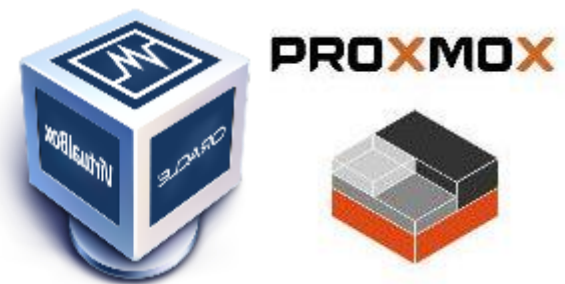
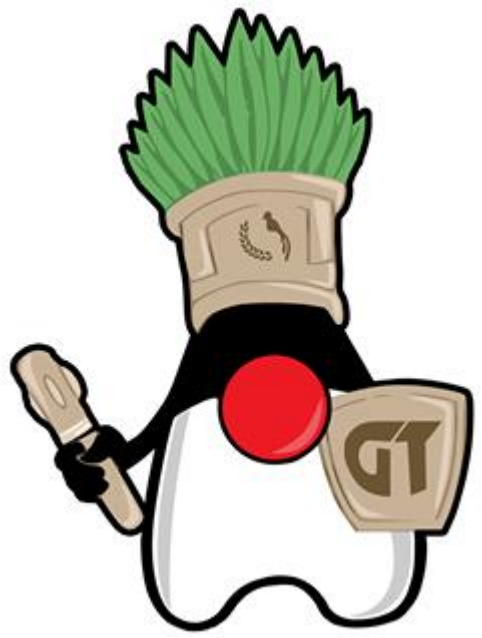




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Maquina virtual

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Instaladores

Sistemas operativos Virtualizados



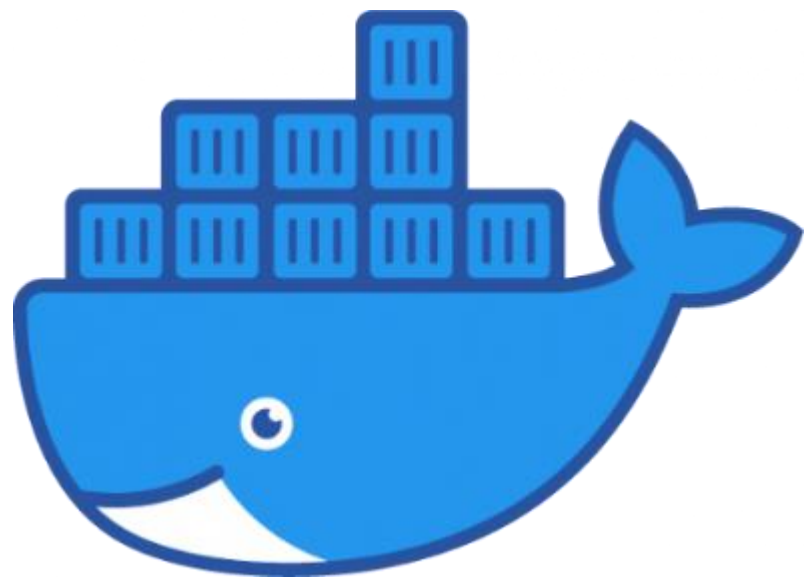
Hyper Visor Base



Sistema Operativo Base



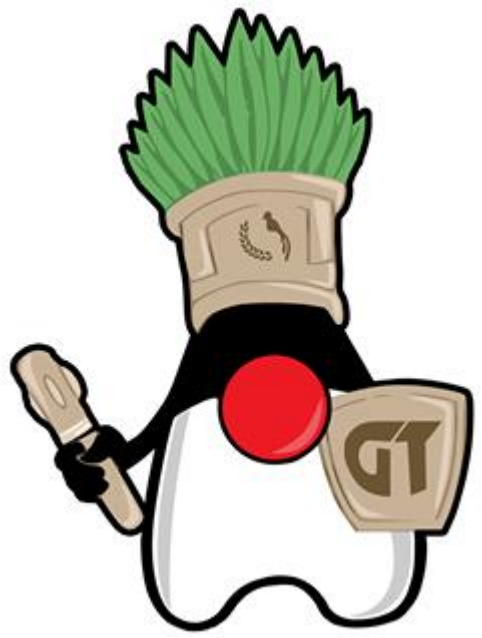
Recurso fisico



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Contenedor

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PostgreSQL



Contenedores



Docker Engine



Sistema Operativo Base



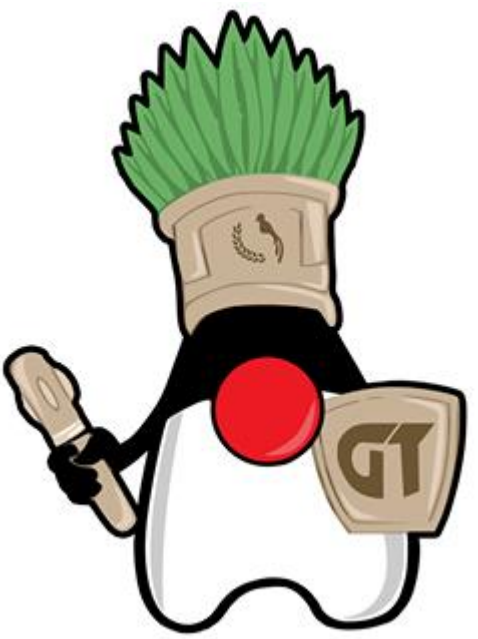
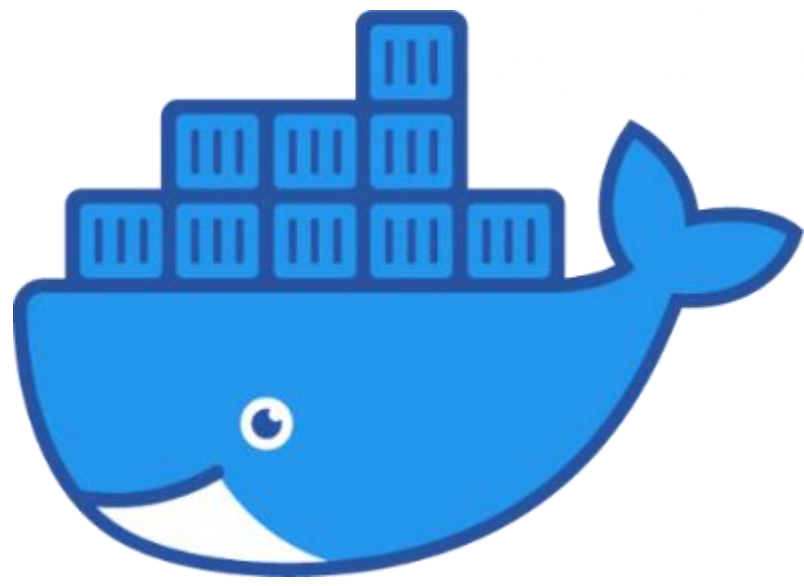
Recurso fisico



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Docker Cli

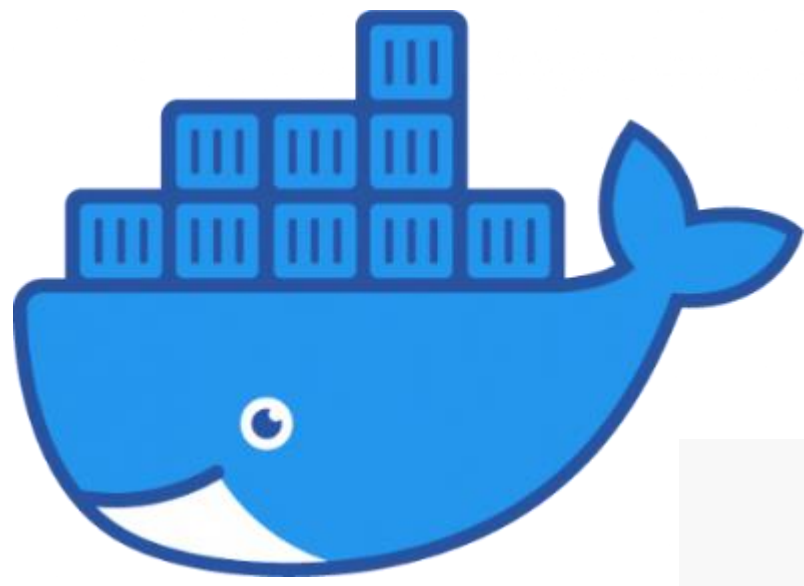
Demo



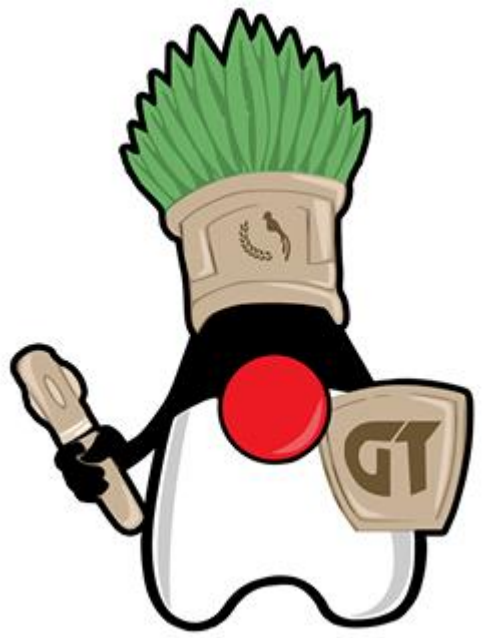
Un Mundo lleno de contenedores

Alternativas, Innovacion, Microservicios, Cloud Computing

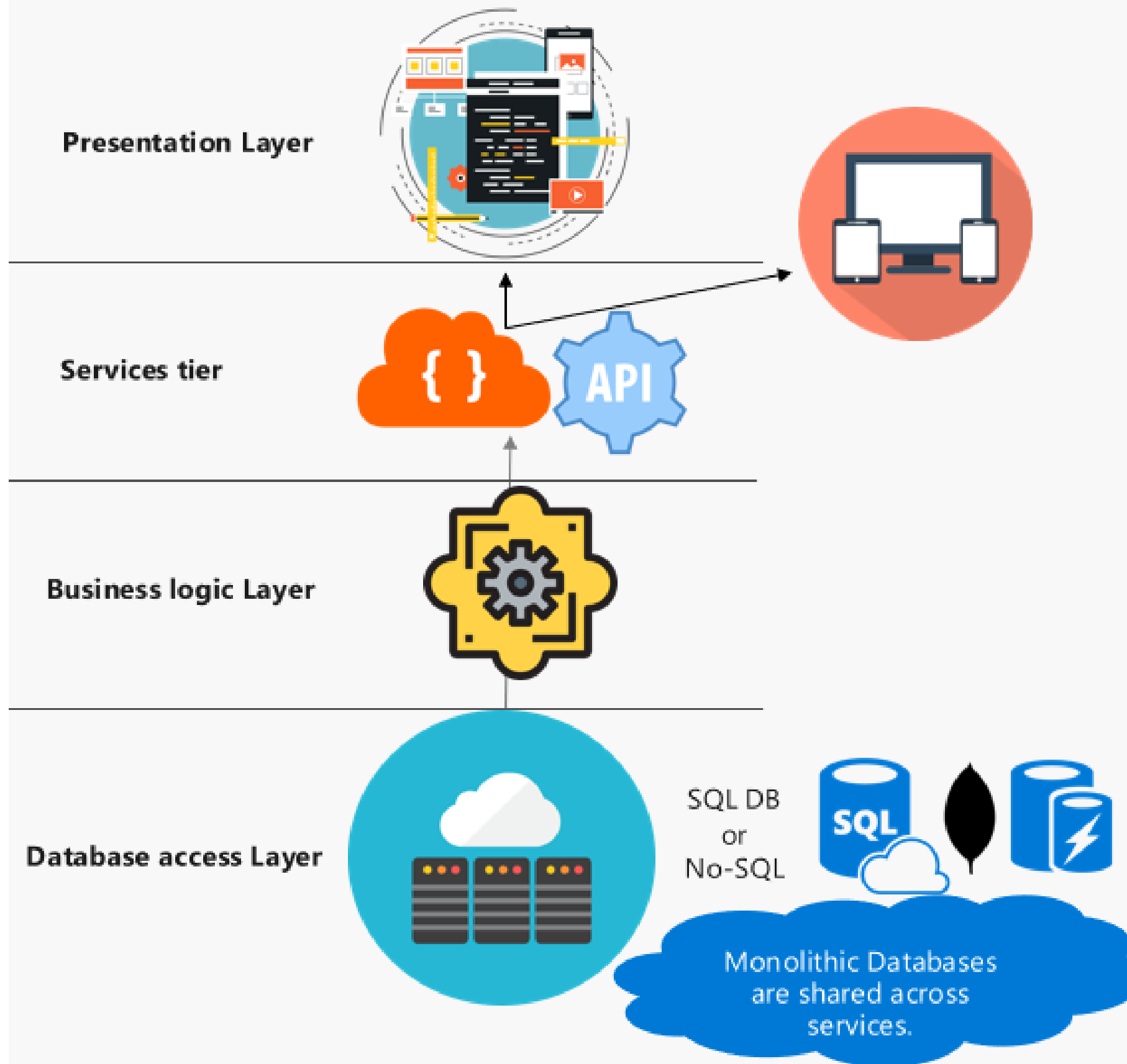




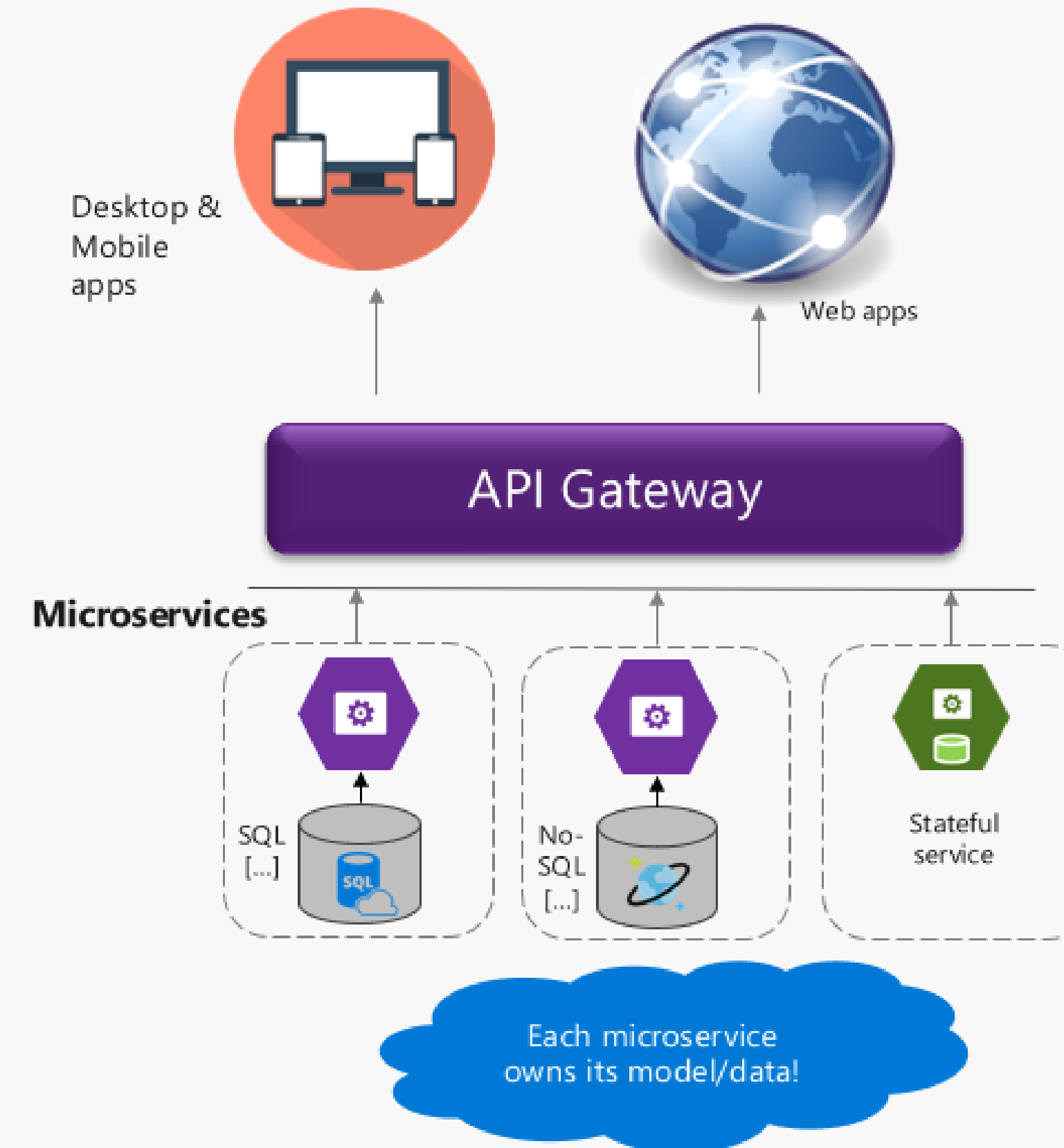
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Monolithic application approach

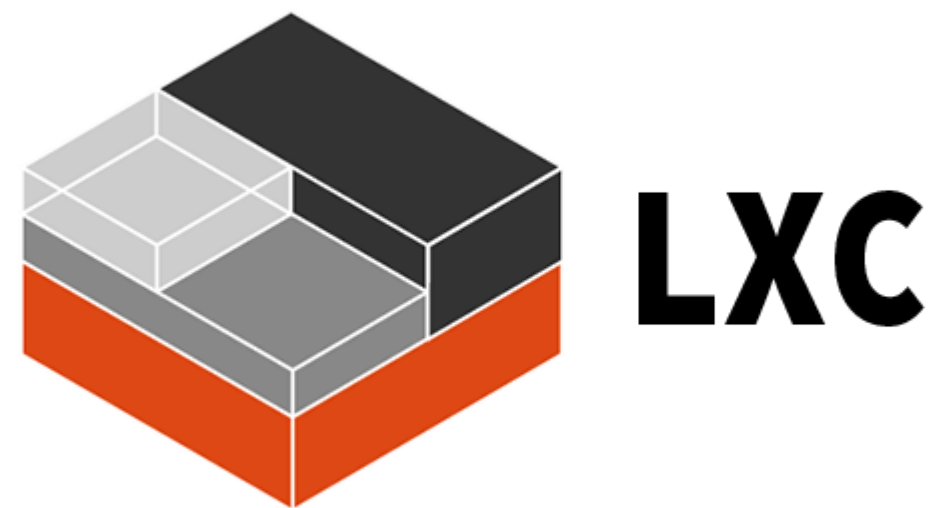
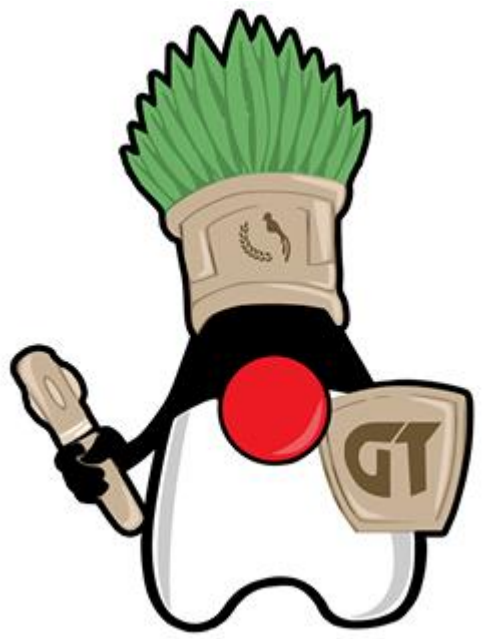


Microservices application approach



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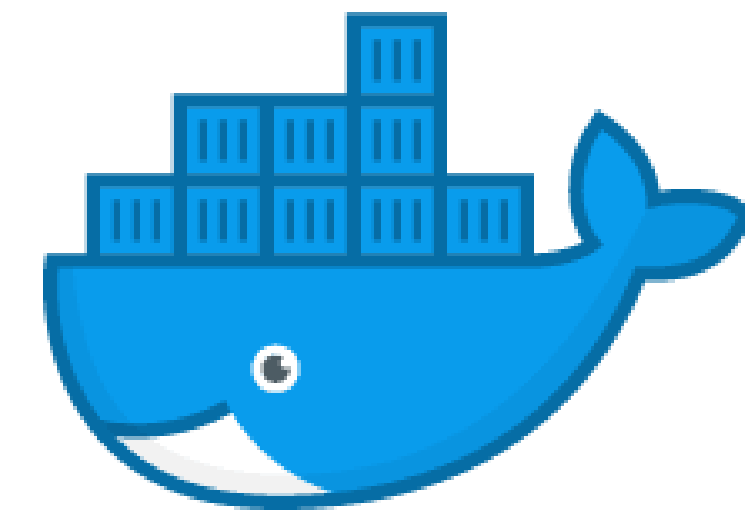
Alternativas



LXC



OPENSHIFT



docker

3. Wox



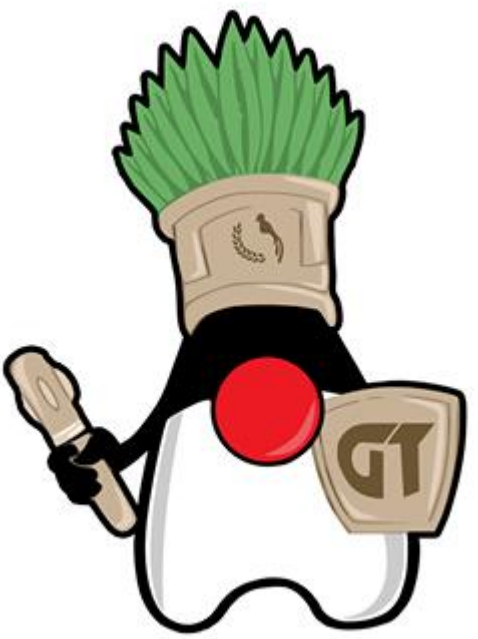
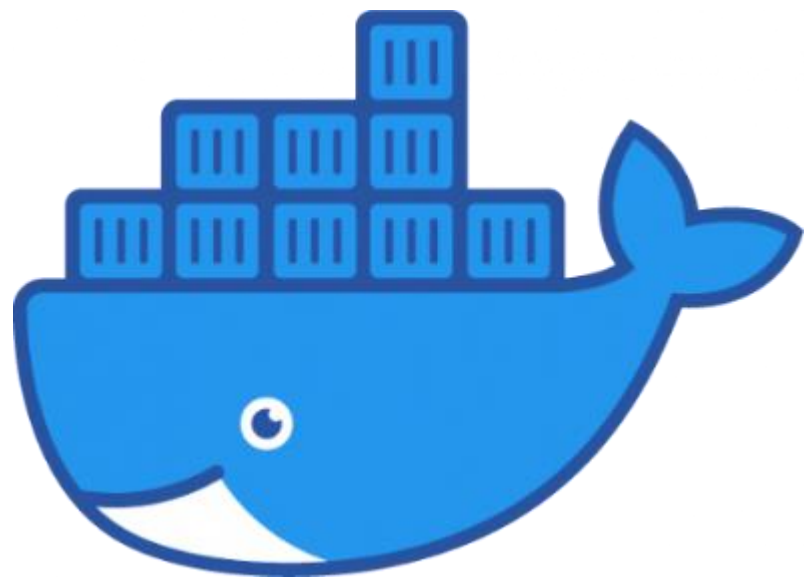
podman

6. Apache Mesos



2. Vagrant





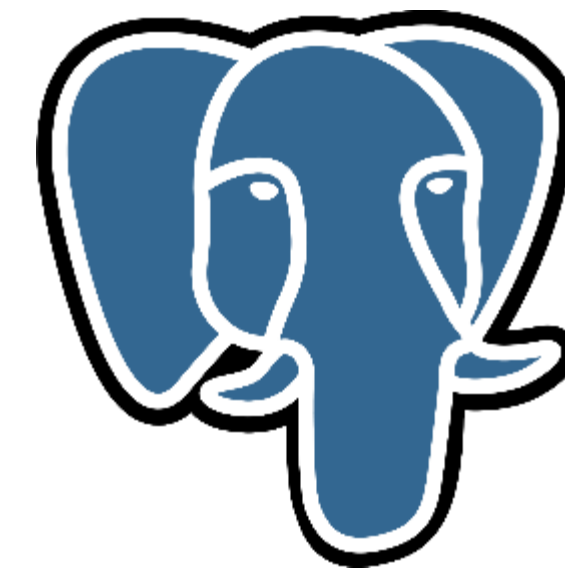
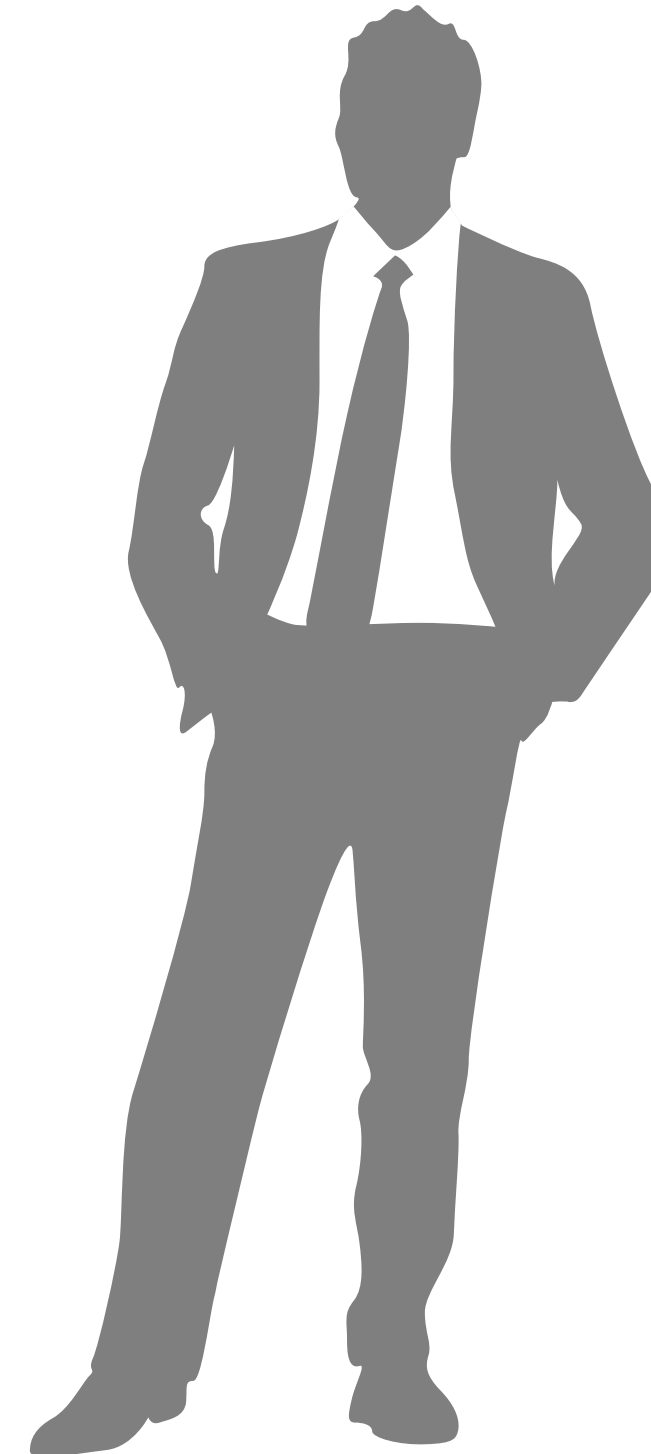
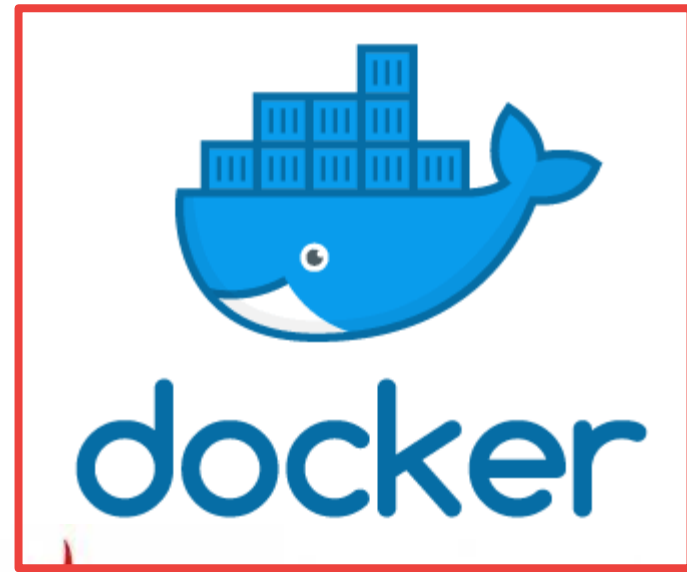
Importancia laboral

DCA, Desarrollo, Aprendizaje

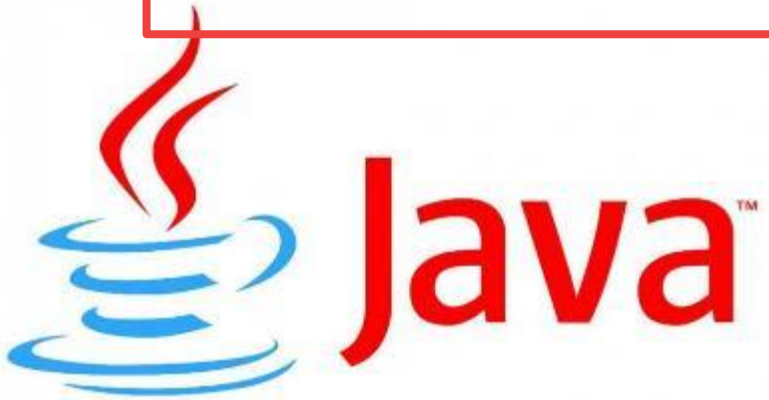


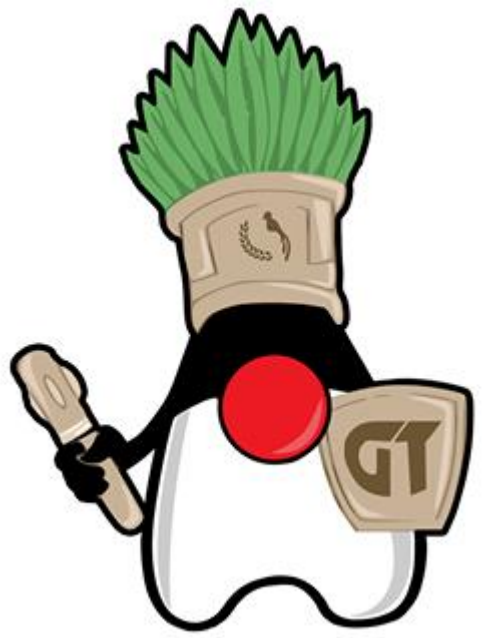
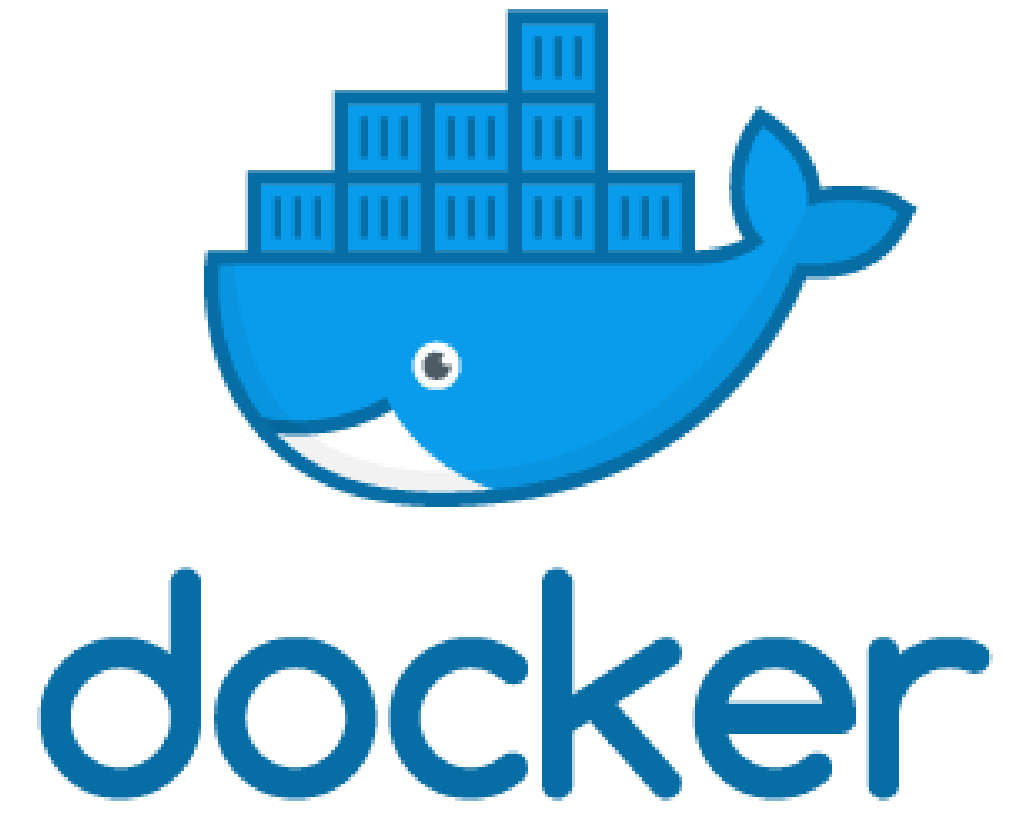
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Perfil Laboral



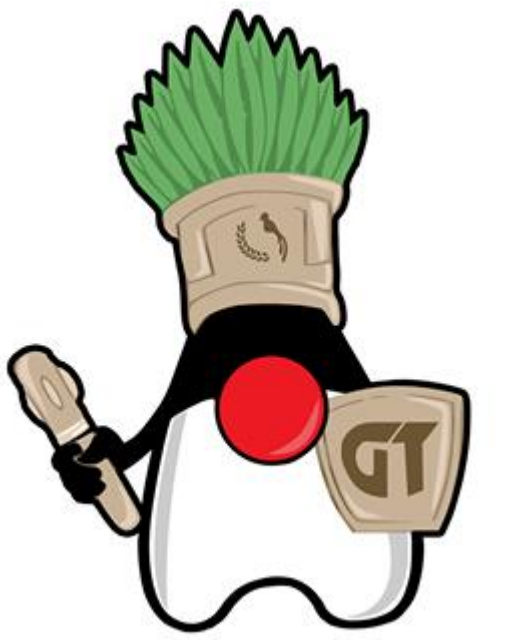
QUARKUS





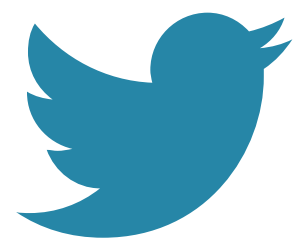
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1	Orchestration	25%
2	Image Creation, Management, and Registry	20%
3	Installation and Configuration	15%
4	Networking	15%
5	Security	15%
5	Storage and Volumes	10%





GRACIAS!

THANK YOU



@vicentex360



+(502) 5951-3917



/github/vicente167