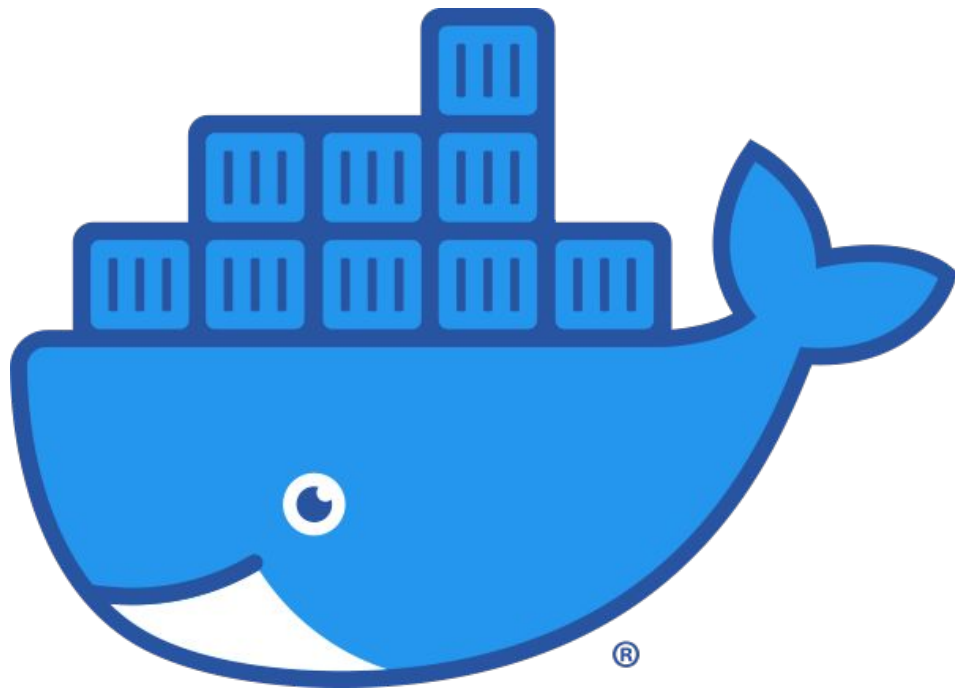


Docker Introduction

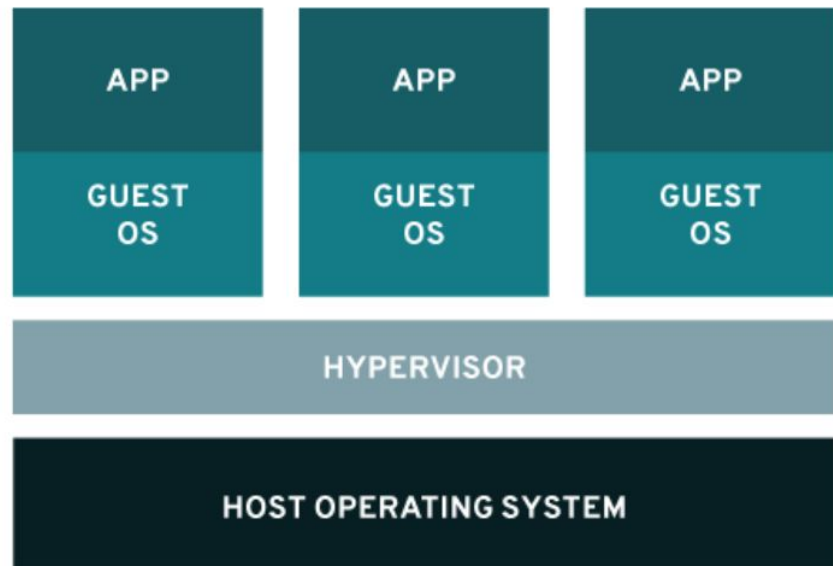


**Where does it all
started?**

Linux Containers (LXC)

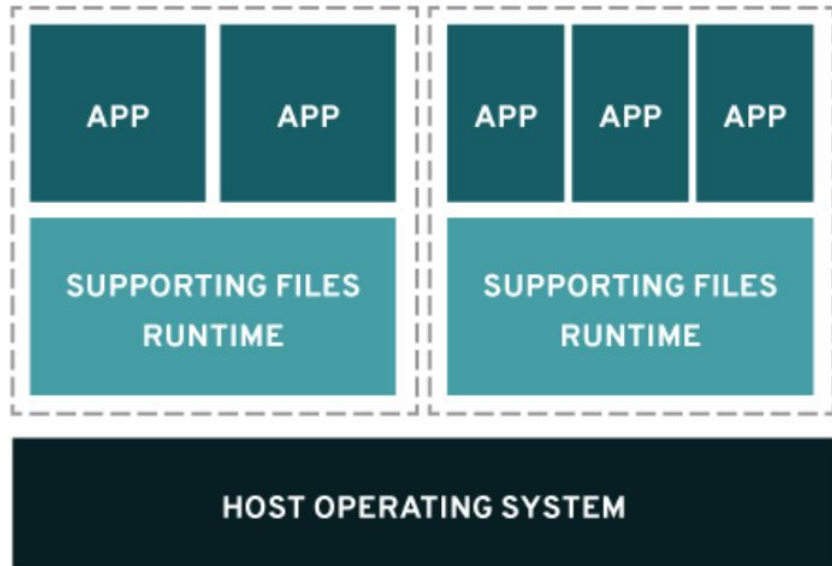
- Contain applications in a way that keep them isolated from the host system that they run on
- Package up an application with all of its required libraries and other dependencies (runtime), and ships it all out as one package
- Containers work in a pretty similar way to the virtual machines, but instead of creating a new OS powered by a virtual hardware in the host OS, the containers pack only the individual components needed for the apps to work, therefore avoiding high resources utilization
- OS-level virtualization
- Greatly suitable for microservices architectures
- Different containers on the same host can deploy microservices built on different technologies and frameworks

VIRTUALIZATION

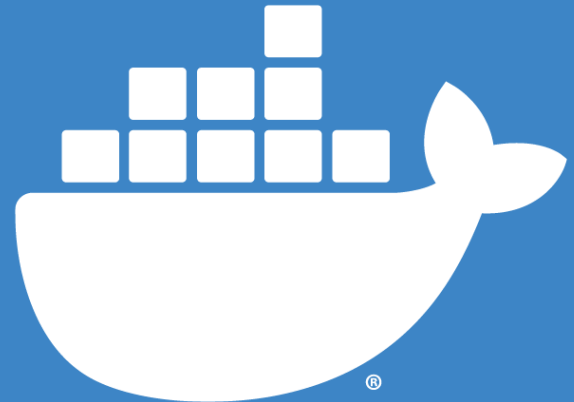


VS.

CONTAINERS



That being said: Docker is a tool designed to make it easier to create, deploy, and run applications by using containers.



Docker Hub



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Let's play then!

Image: docker pull anhellowjz/pokepy:3.0
Code: <https://github.com/Anhell0/pokepy>

Which other resources can I start looking at?

1. <https://docs.docker.com/get-started/>
 2. <https://stackify.com/docker-tutorial/>
 3. <https://docker-curriculum.com/>
 4. <https://labs.play-with-docker.com/>
 5. <https://labs.play-with-docker.com/> & <https://training.play-with-docker.com/>
 6. <https://dockerbook.com/>
-

Where to look at after?

Once you feel comfortable with your
docker learning...

- Docker Swarm
 - Docker Enterprise
 - Kubernetes
 - RS Container Manager
 - AWS
 - Elastic Container Service (ECS)
 - Elastic Kubernetes Service (EKS)
 - Fargate
 - Jenkins X
-