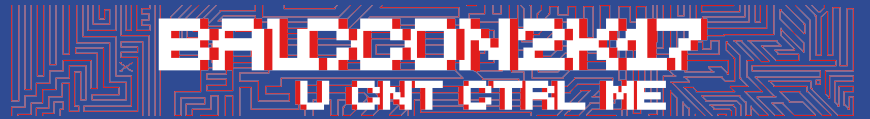
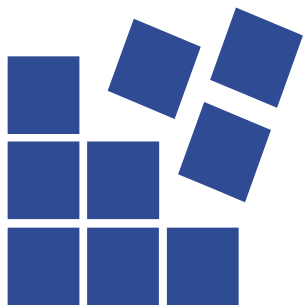


# Claim control of your Docker images



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# Agenda



**Docker & Registry**

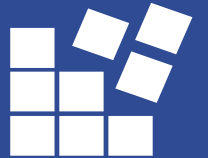


**Control**



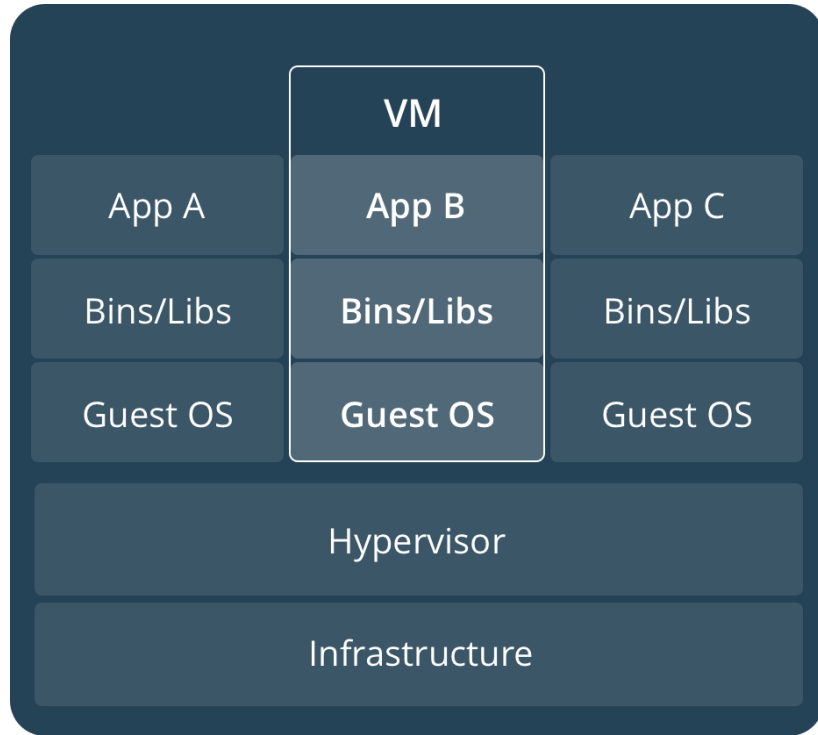
**Demo**

# What is Docker anyway?

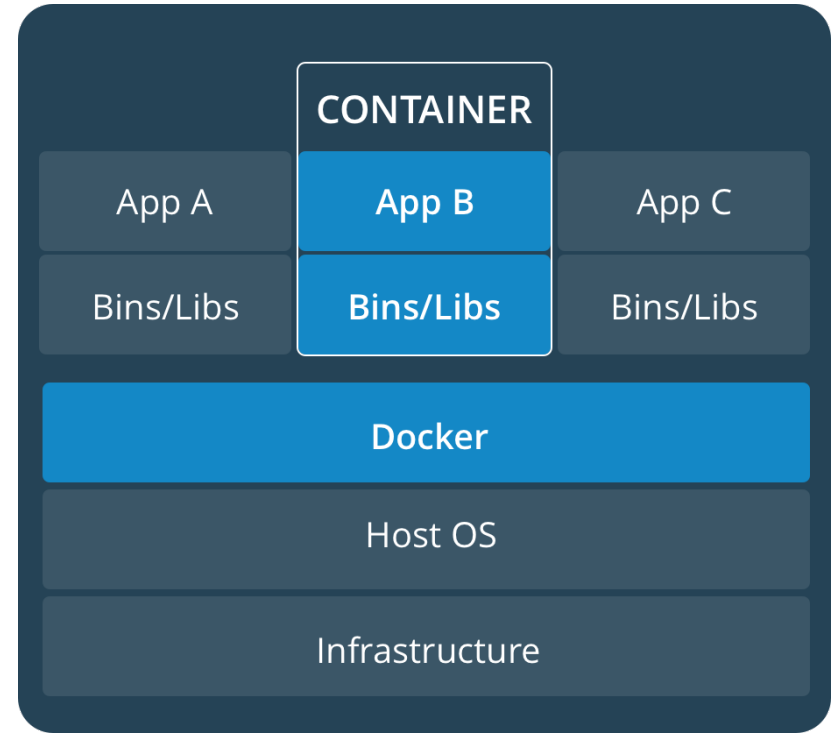


Let's have few words about it.

# Containerization vs Virtualization

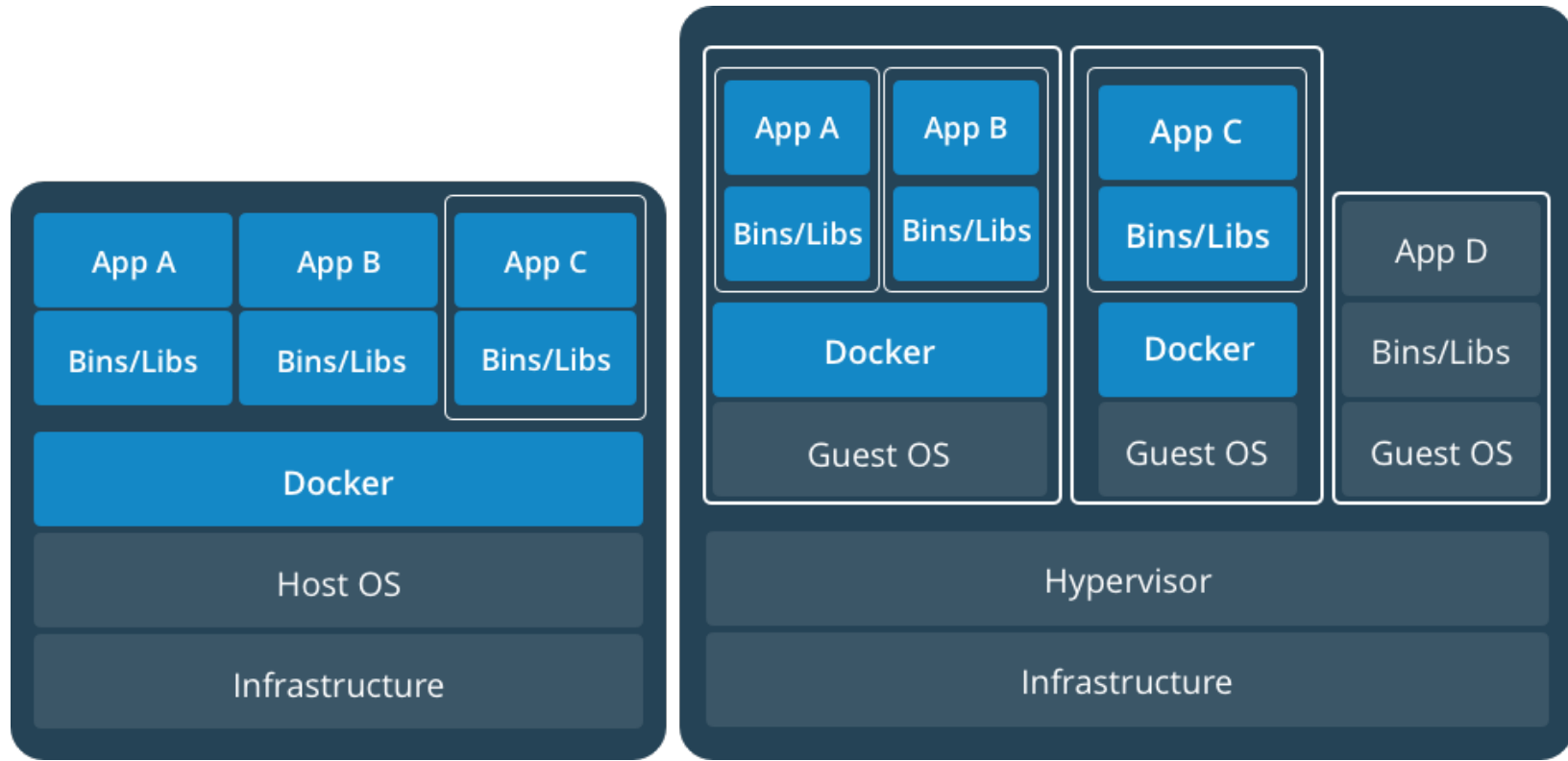


**Virtualization**



**Containerization**

# Containerization and Virtualization



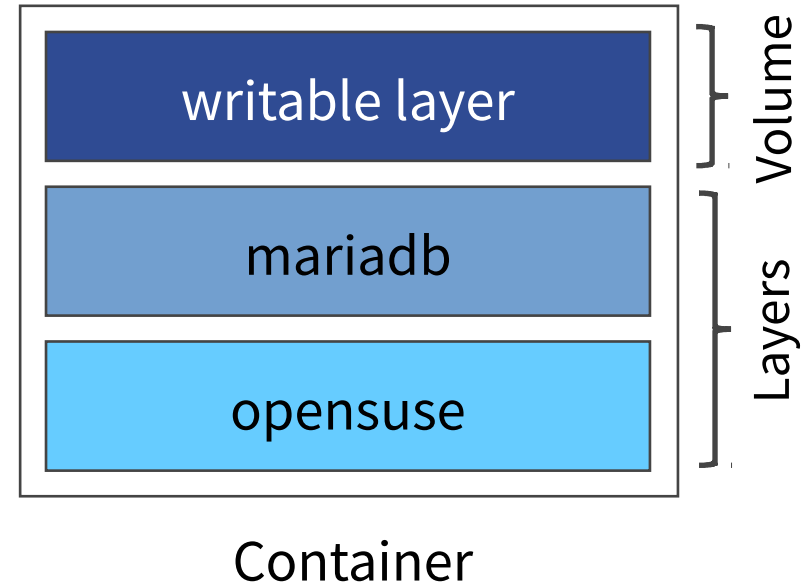
# Terminology

- **Container**

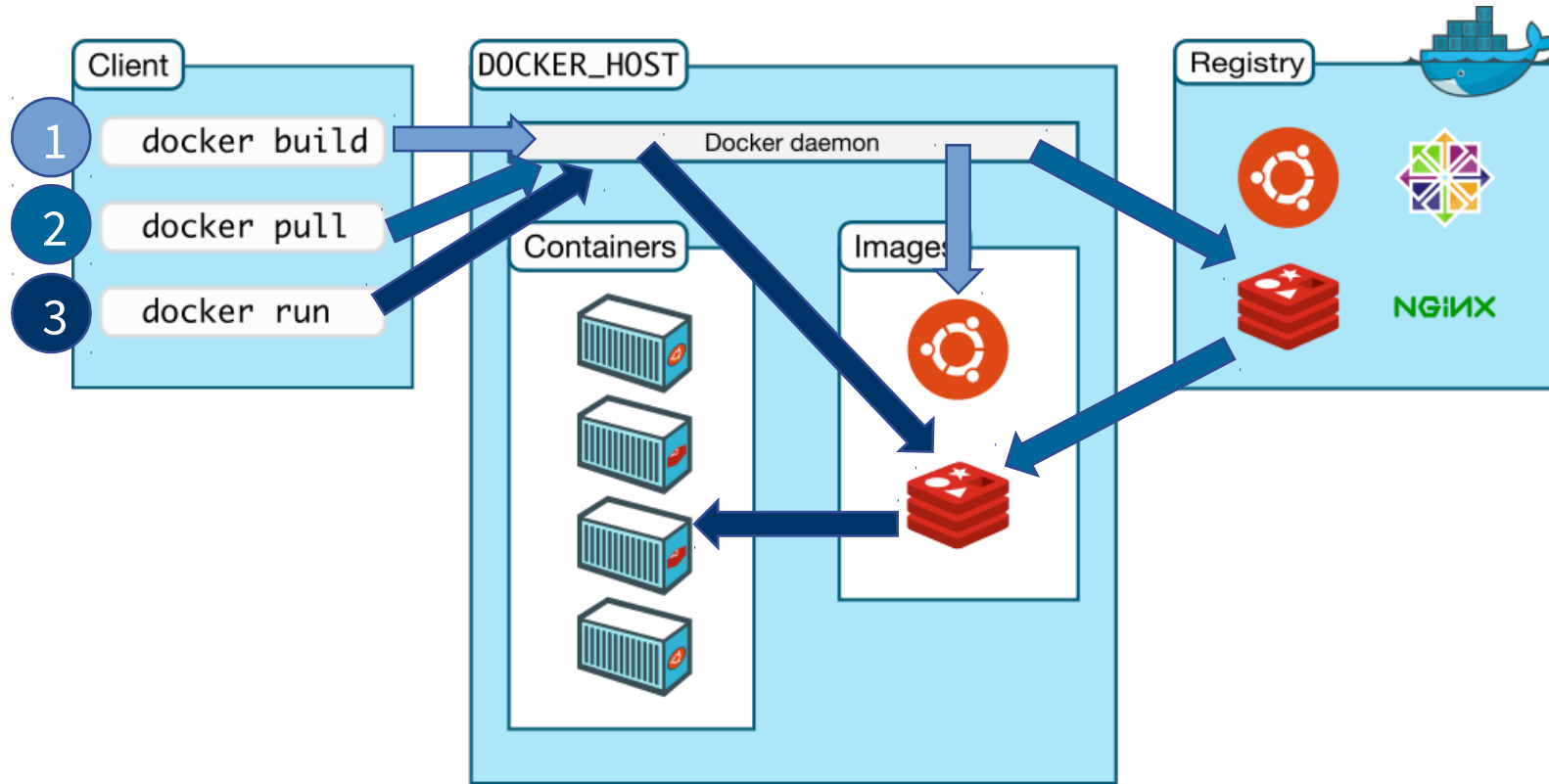
Containers are processes with much more isolation

- **Image**

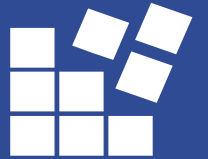
Images provide a way for simpler software distribution



# Workflow



# What is registry?



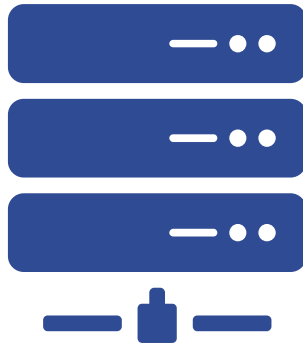
And can I have my own?



# Registry

- **Provided by Docker**
  - *Cloud*
    - Docker Hub (<https://hub.docker.com/explore/>)
    - Docker Store (<https://store.docker.com/>)
  - *On-premise*
    - Standalone
    - Containerized
- **Provided by 3rd parties**
  - Quay.io, Artifactory, Google Container Registry

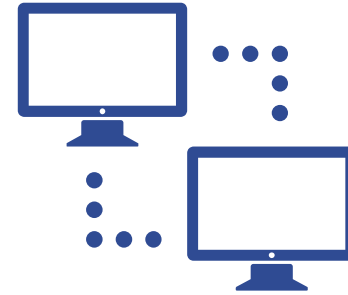
# Reasons



**Storage**



**Access**



**Integration**

## How can I control it?



Only by typing commands or there is another way?

# The solution is Portus












- Open source
- Manages authentication in Docker Registry
- Nice and easy UI

Created with ❤️ by the SUSE team

# Security

Members ? [Add members](#)

User	Role	Edit	Remove
 cyntss	Owner		
 mssola	Viewer		
 meggie	Contributor		

- Compliant with the specifications
- Grained control
- Users and Teams

# Roles



**Viewer**

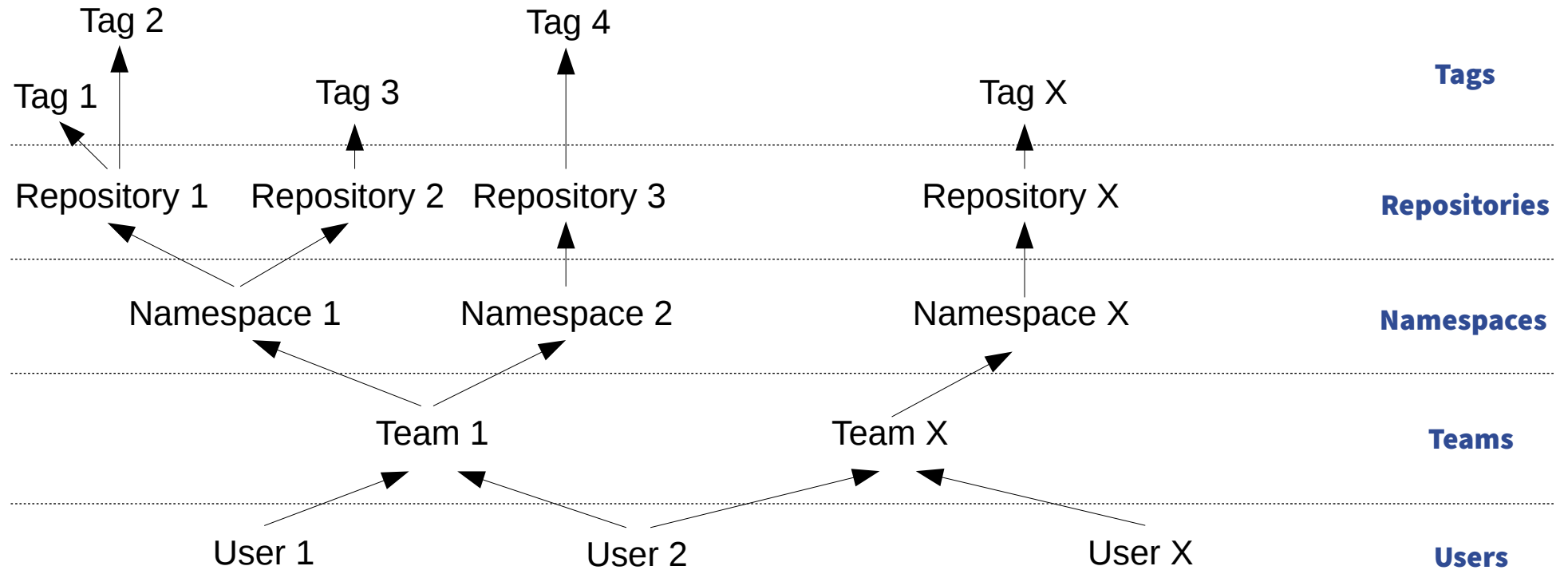


**Contributor**



**Owner**

# Organization



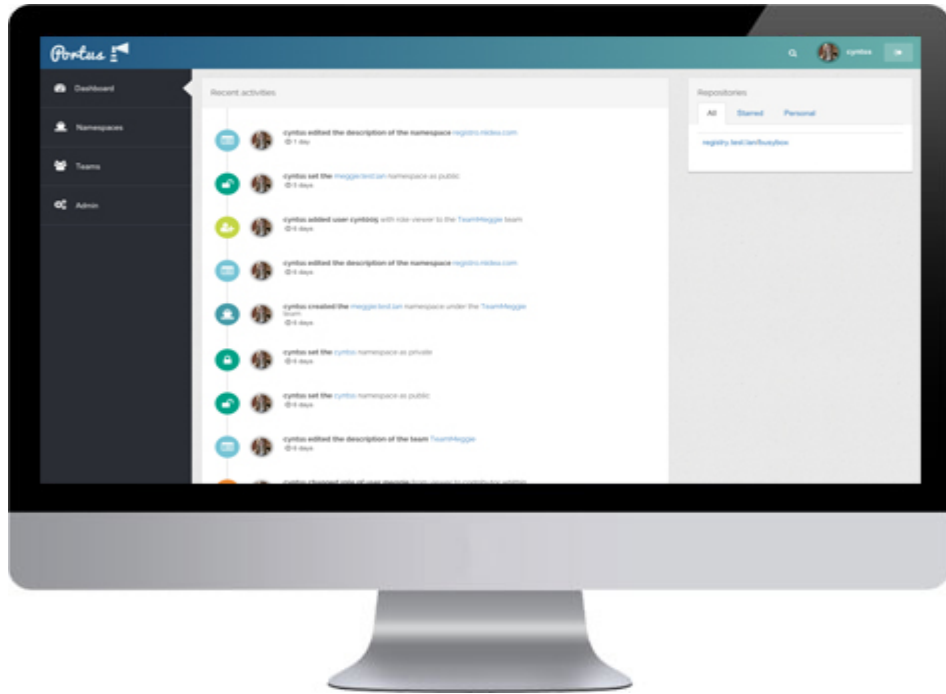
# Searching for images



- Search capabilities
- Considers access rights



# Audit



- All events are logged
- Recent activities for every user

# Demo



Let's see it in action

## Resources



Useful resources for our journey.

# Resources

- Official site

<http://port.us.org/>

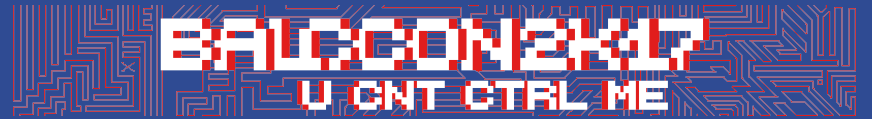
- GitHub

<https://github.com/SUSE/Portus>

- Portus group in Google

<https://groups.google.com/forum/#!forum/portus-dev>

**Thank you!**



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