Docker image -> Containers

Tarun Sharma

image -> container
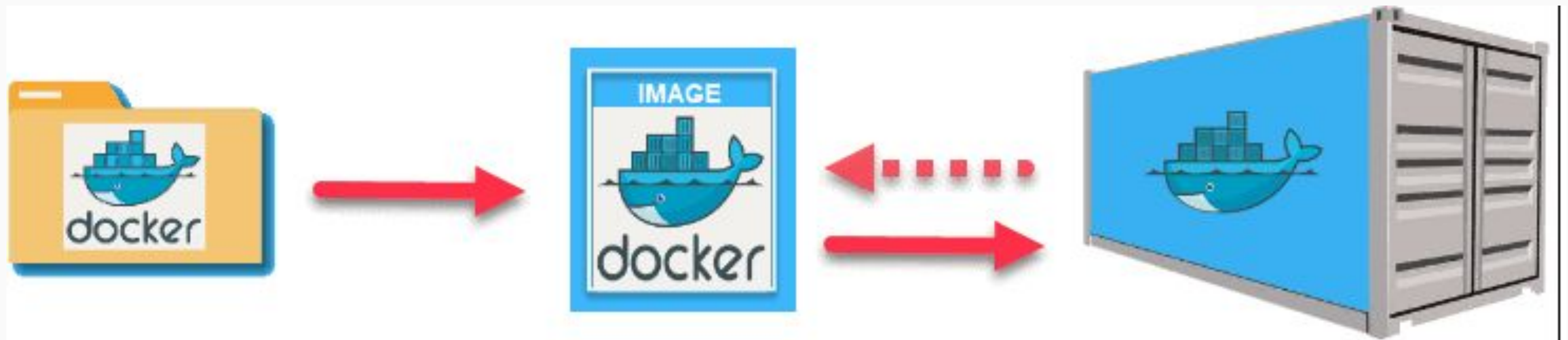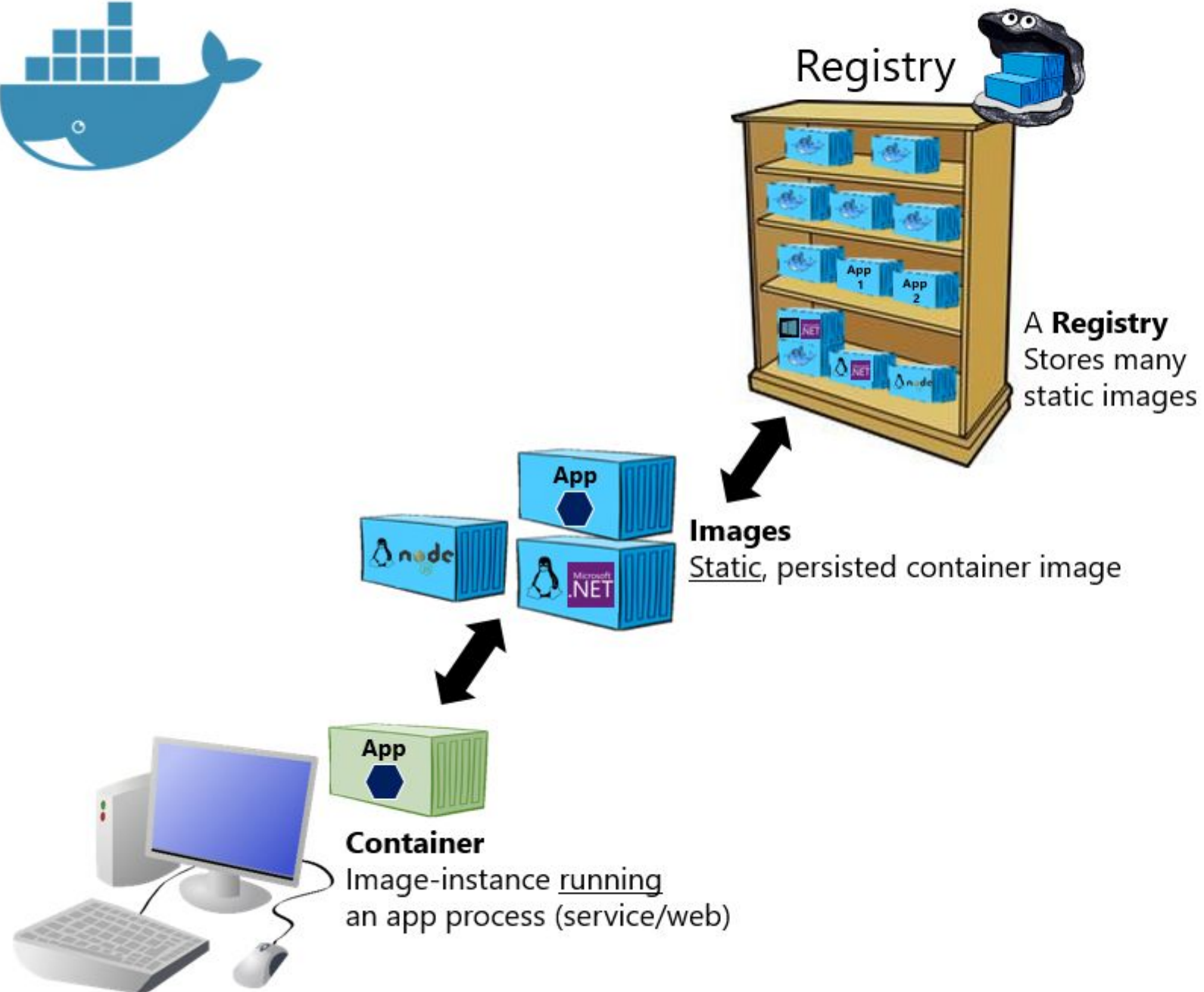
```
docker run -i -t ubuntu:12.04 /bin/bash
```

```
docker pull ubuntu:12.04
```

Basic taxonomy in Docker

Registry

A **Registry**
Stores many
static images

Images
Static, persisted container image

Container
Image-instance running
an app process (service/web)

**Hosted Docker
Registry**

**Docker Trusted
Registry on-prem.**

On-premises
('n' private organizations)

**Docker Hub
Registry**

Docker Trusted
Registry on-cloud

**Azure Container
Registry**

AWS Container
Registry

Google
Container
Registry

Quay
Registry

Other Cloud

Public Cloud
(specific vendors)

docker run redis

docker run ubuntu