

Docker

from Development to Production

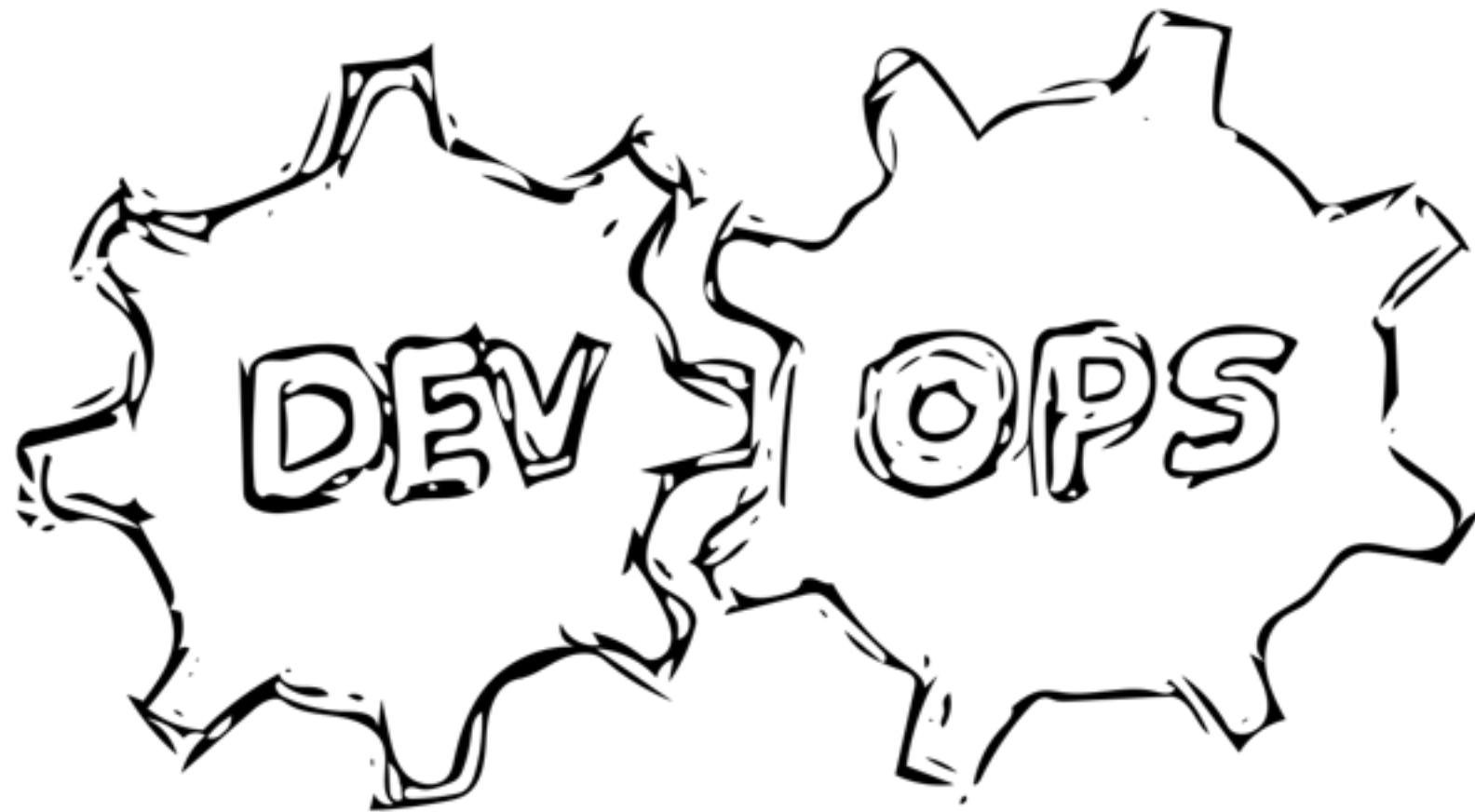




Delivering Fast



Agile Movement

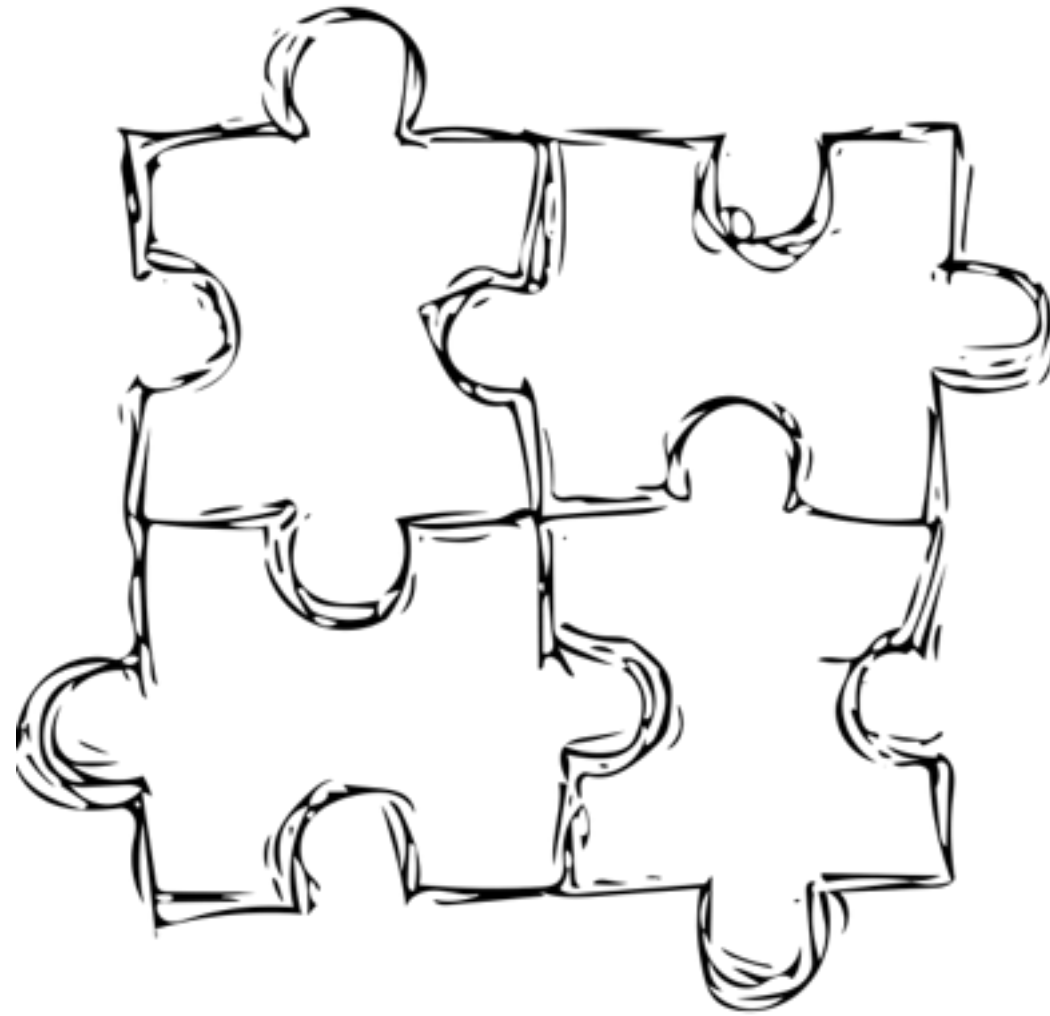


DevOps



Delivering fast needs discipline

**What prevent us from
having continues delivery**



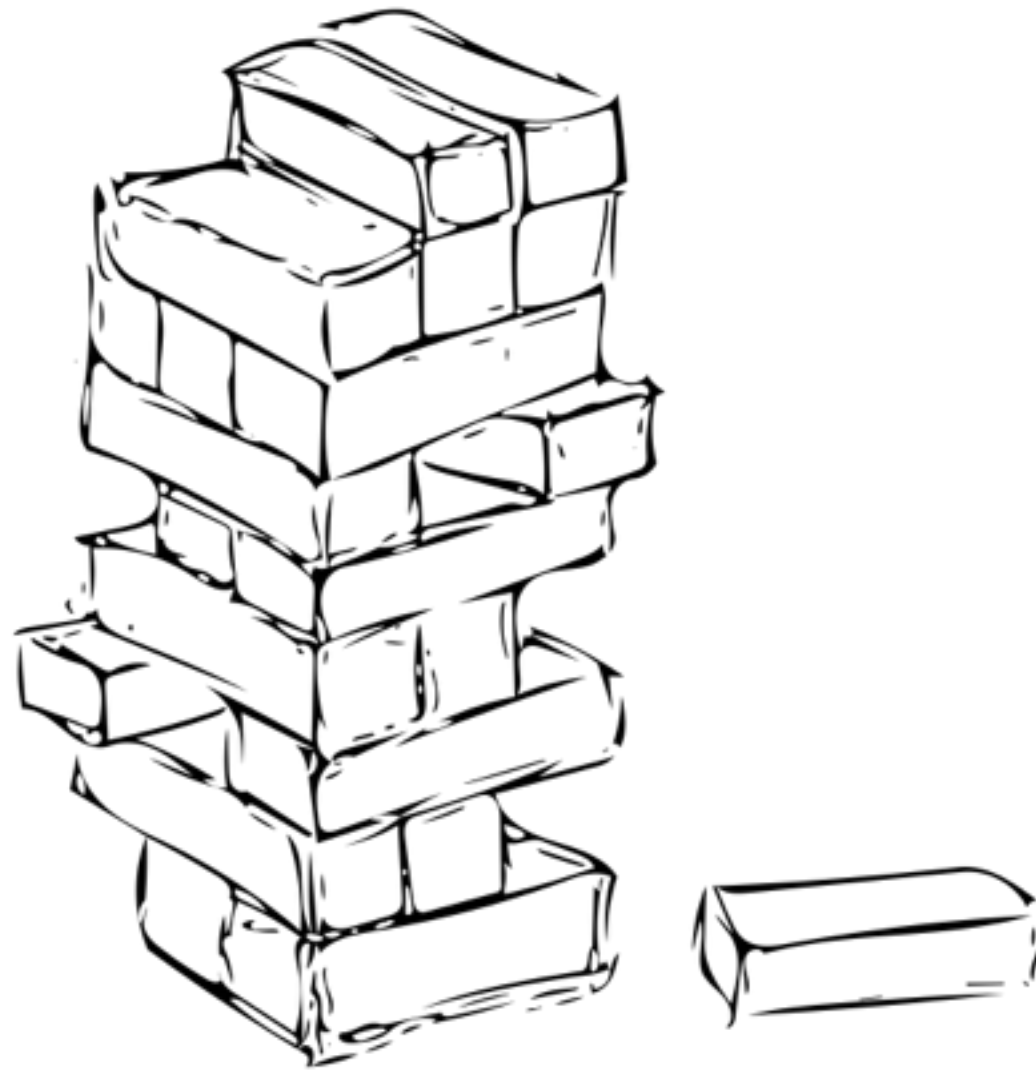
Unit/Integration test

Not Possible!!

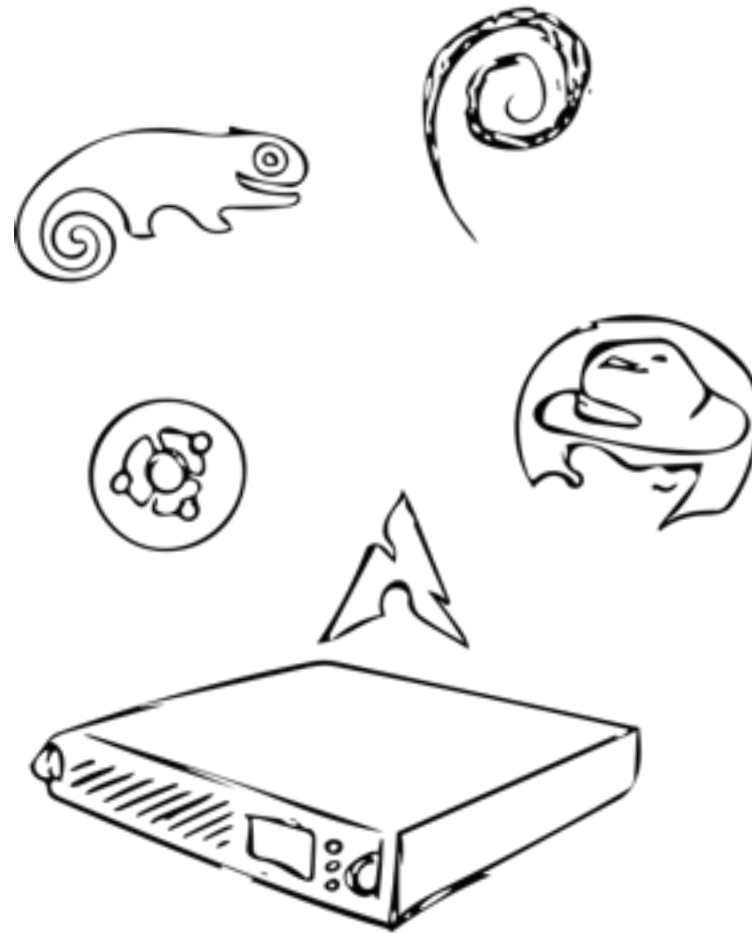


It works on my machine!!

Different environment



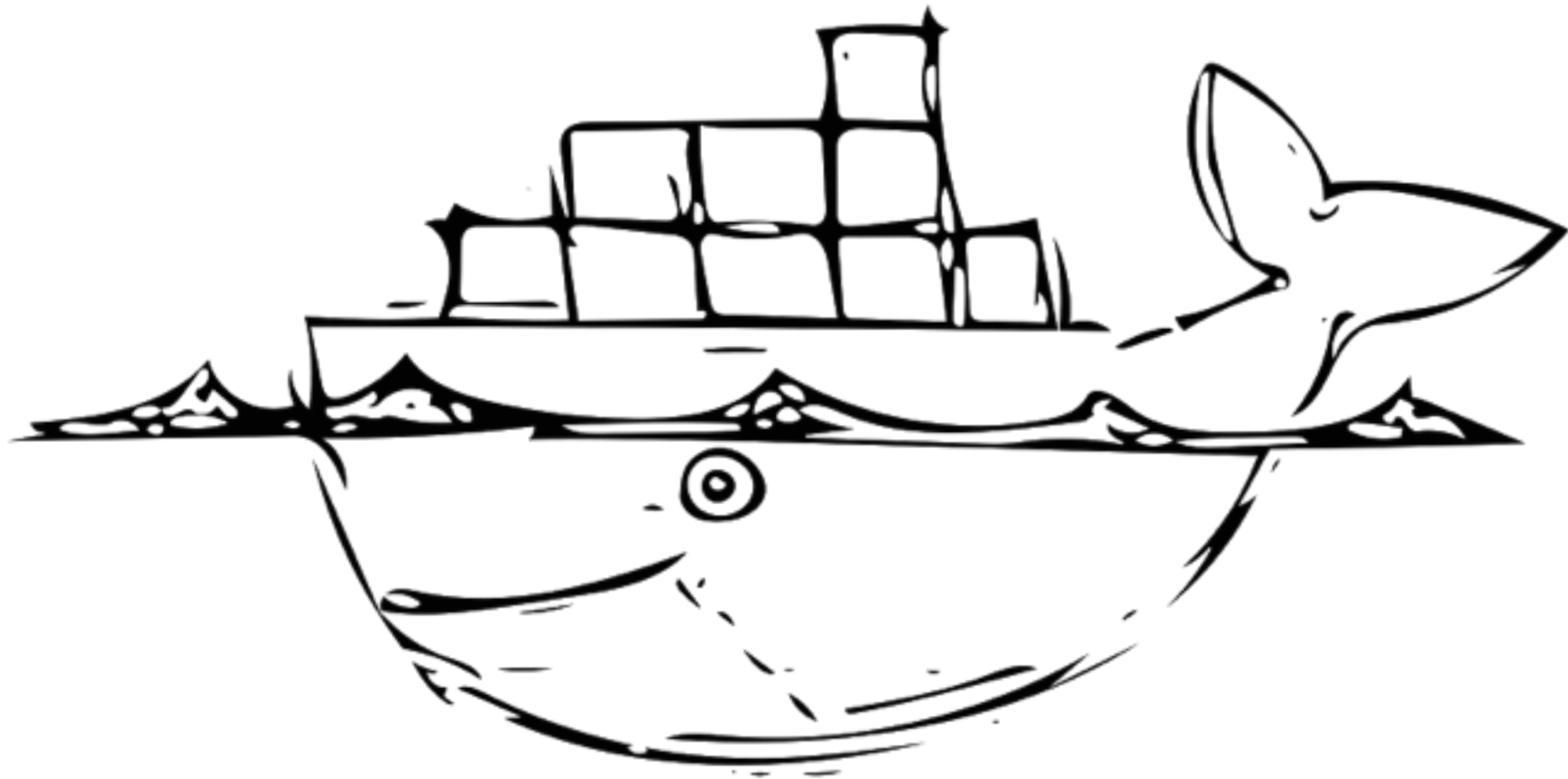
Build a sustainable environment



Virtualization



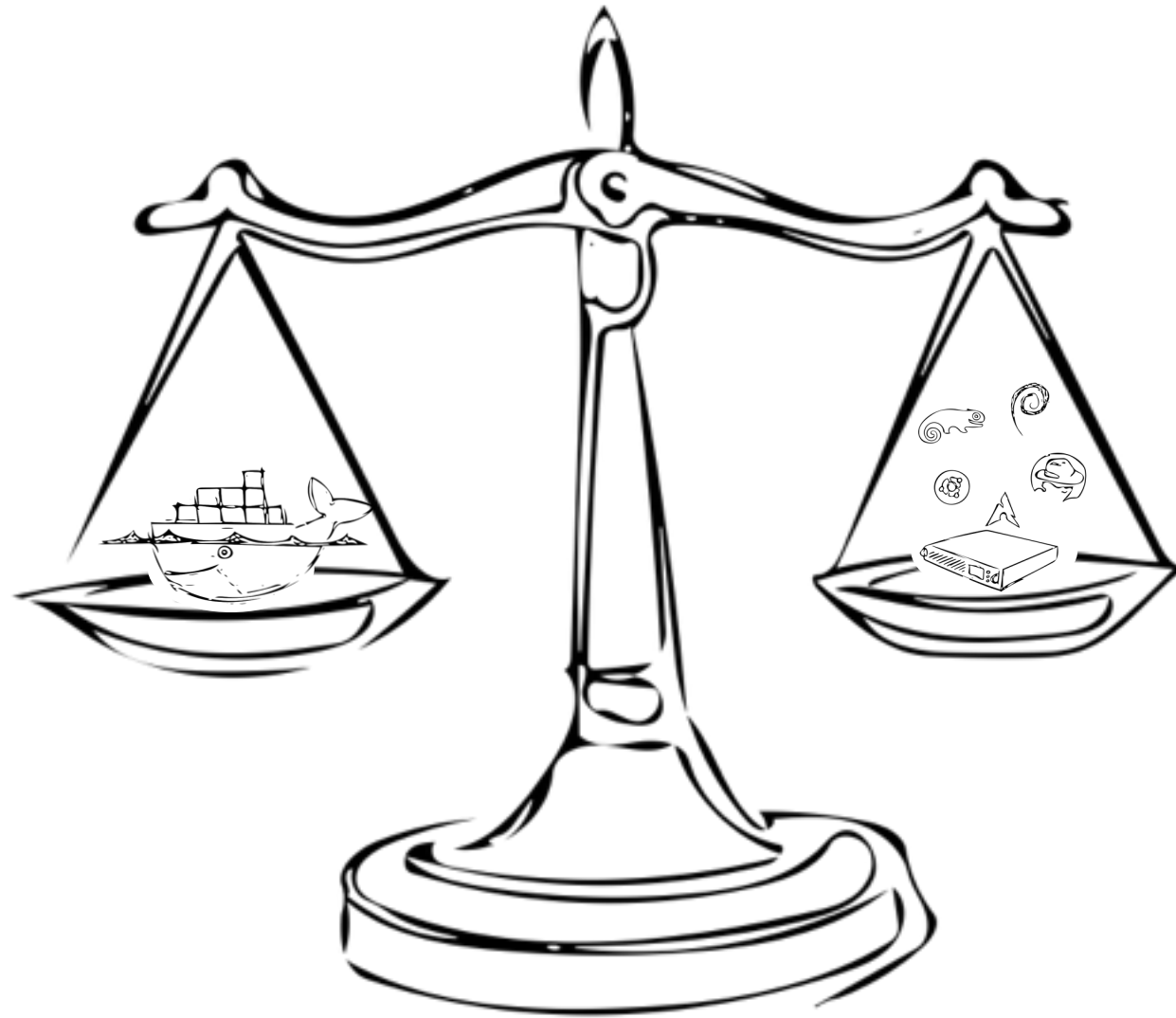
Configuration System



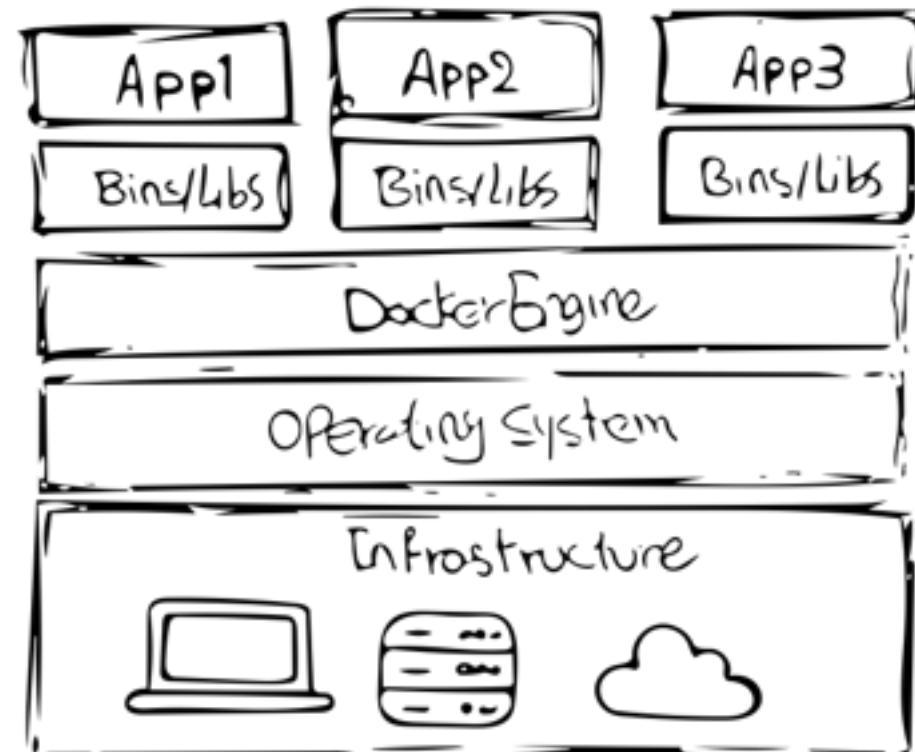
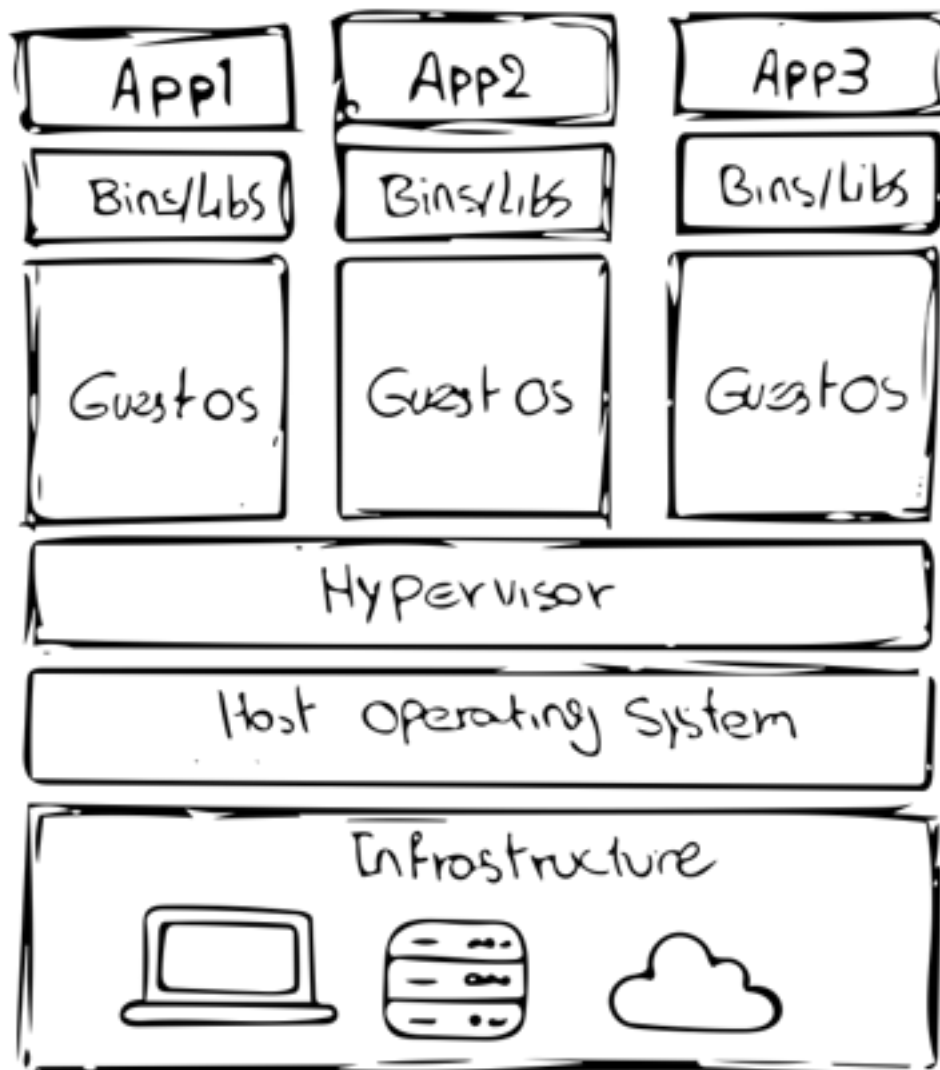
Docker

```
apt-get install -y apache2  
cp -r web /var/www/html
```

Docker Image



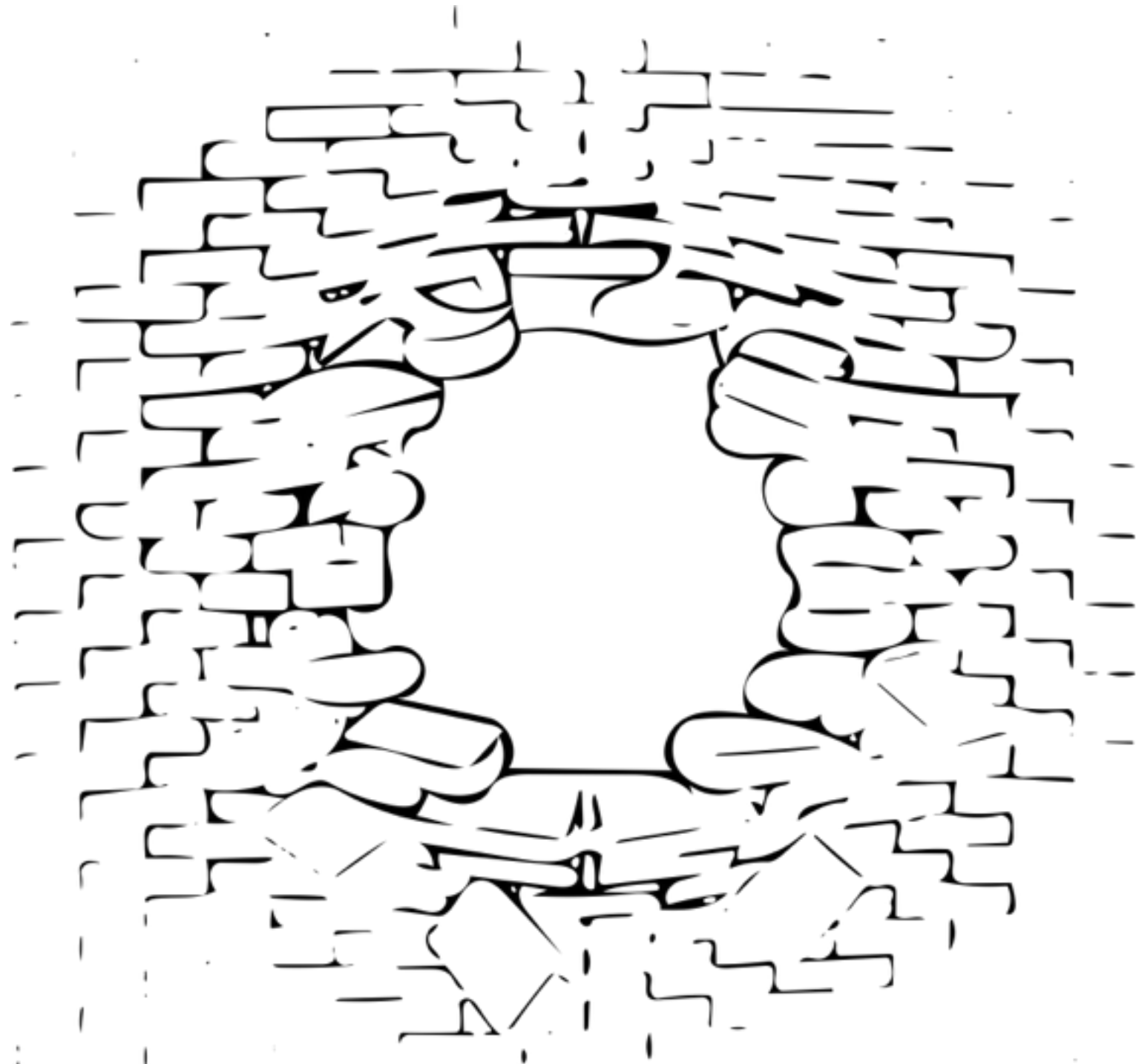
Virtual Machine V.S. Docker



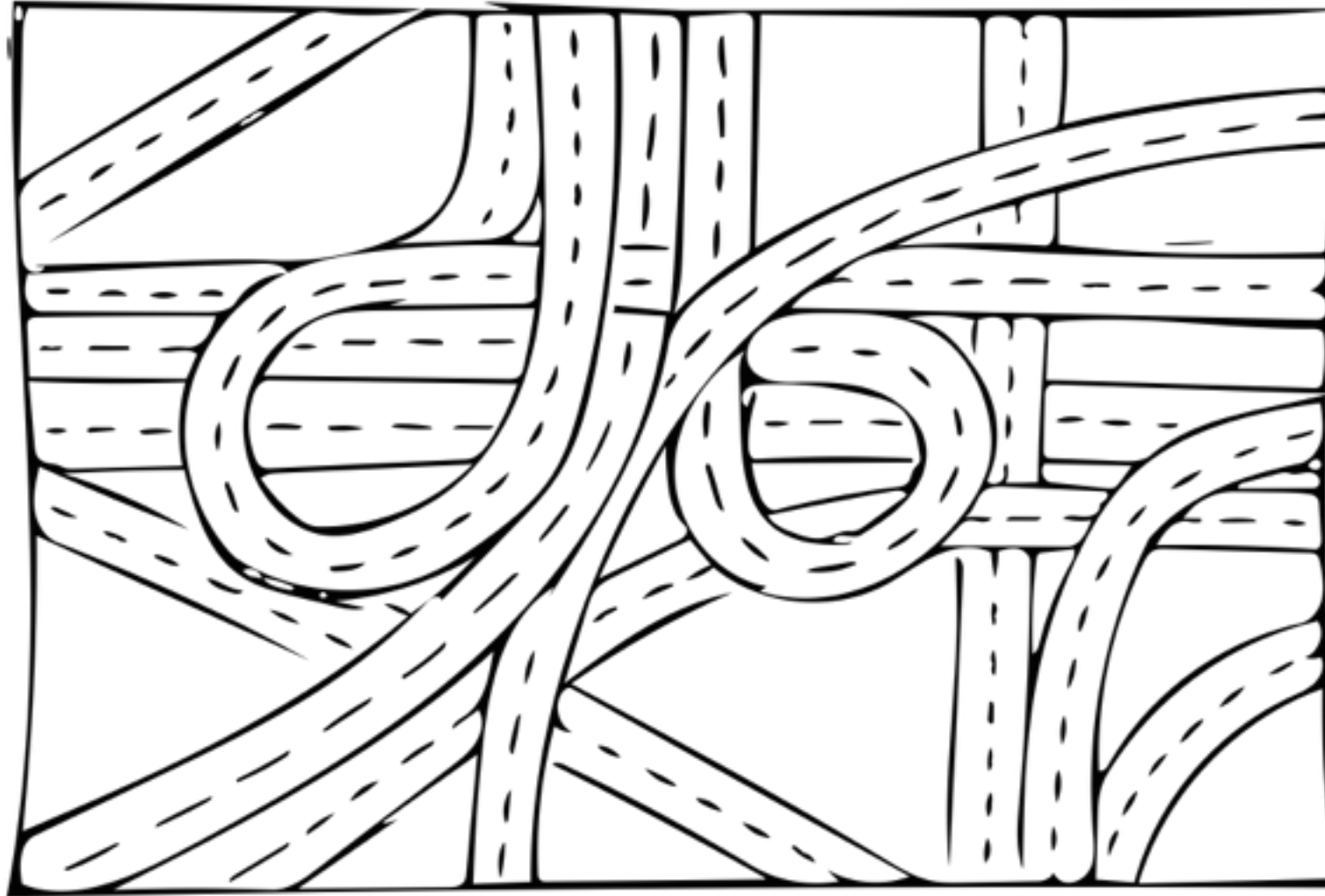
Layers



Docker V.S Configuration management

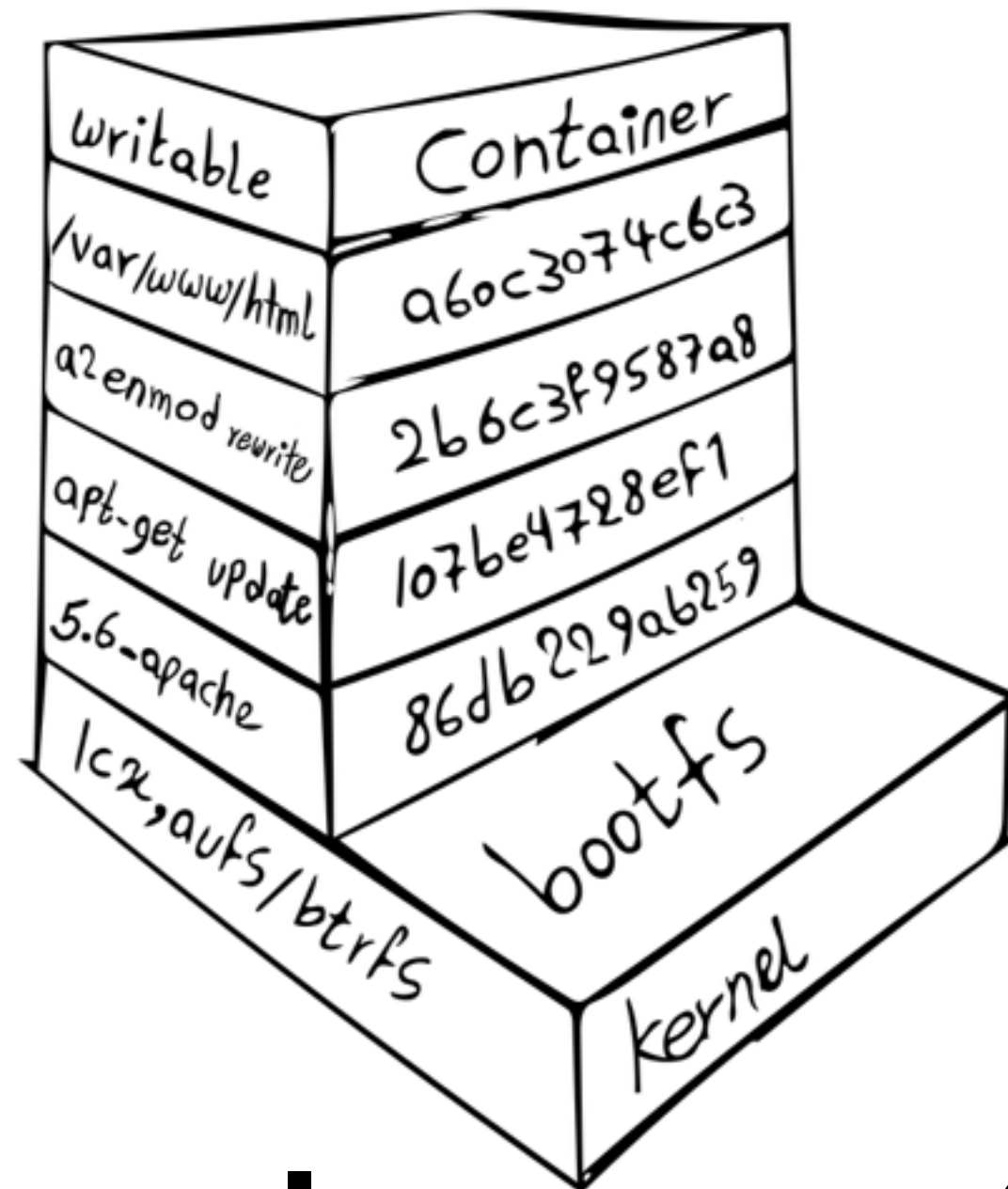


Sysadmin VS Developer



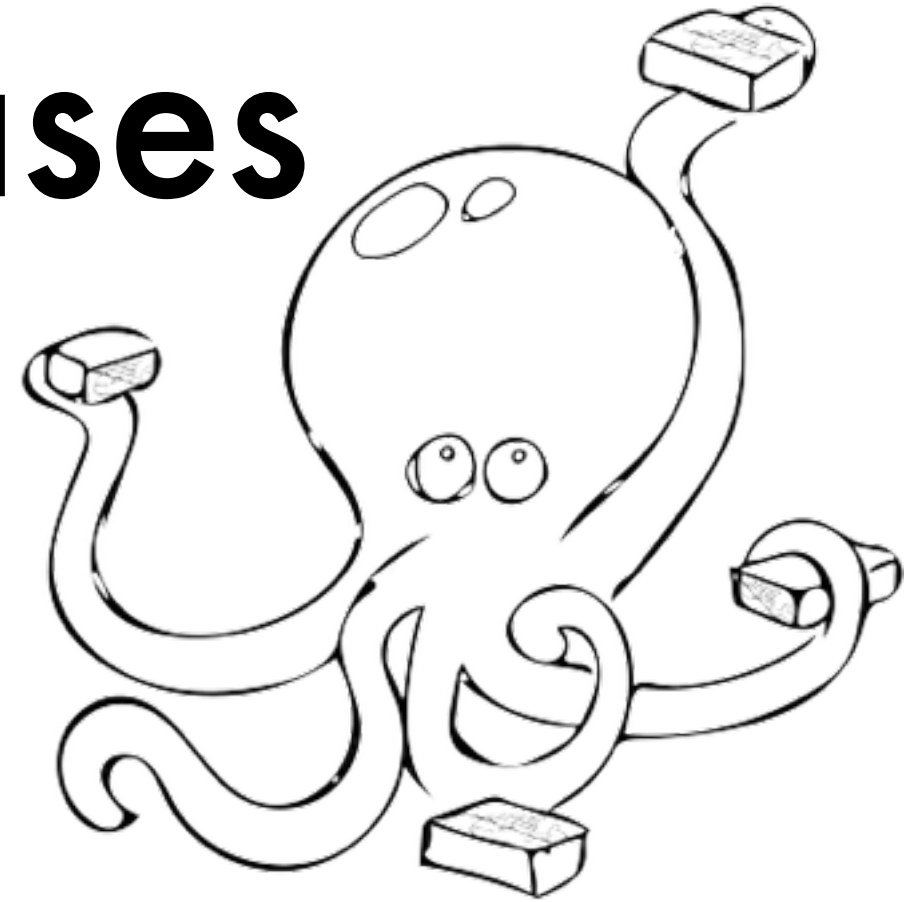
Immutable infrastructure

captured video related to docker-intro goes here

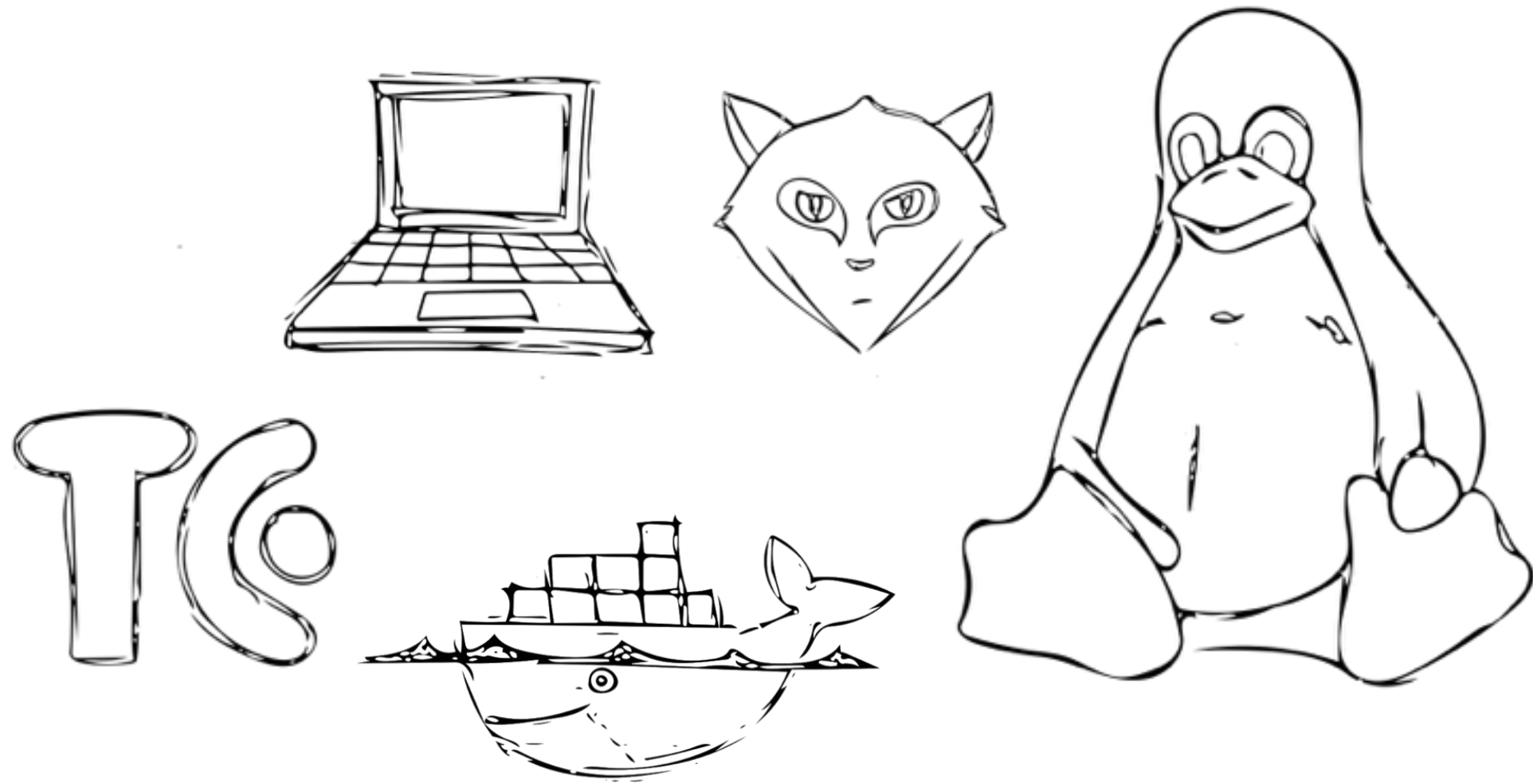


Docker Images Stack

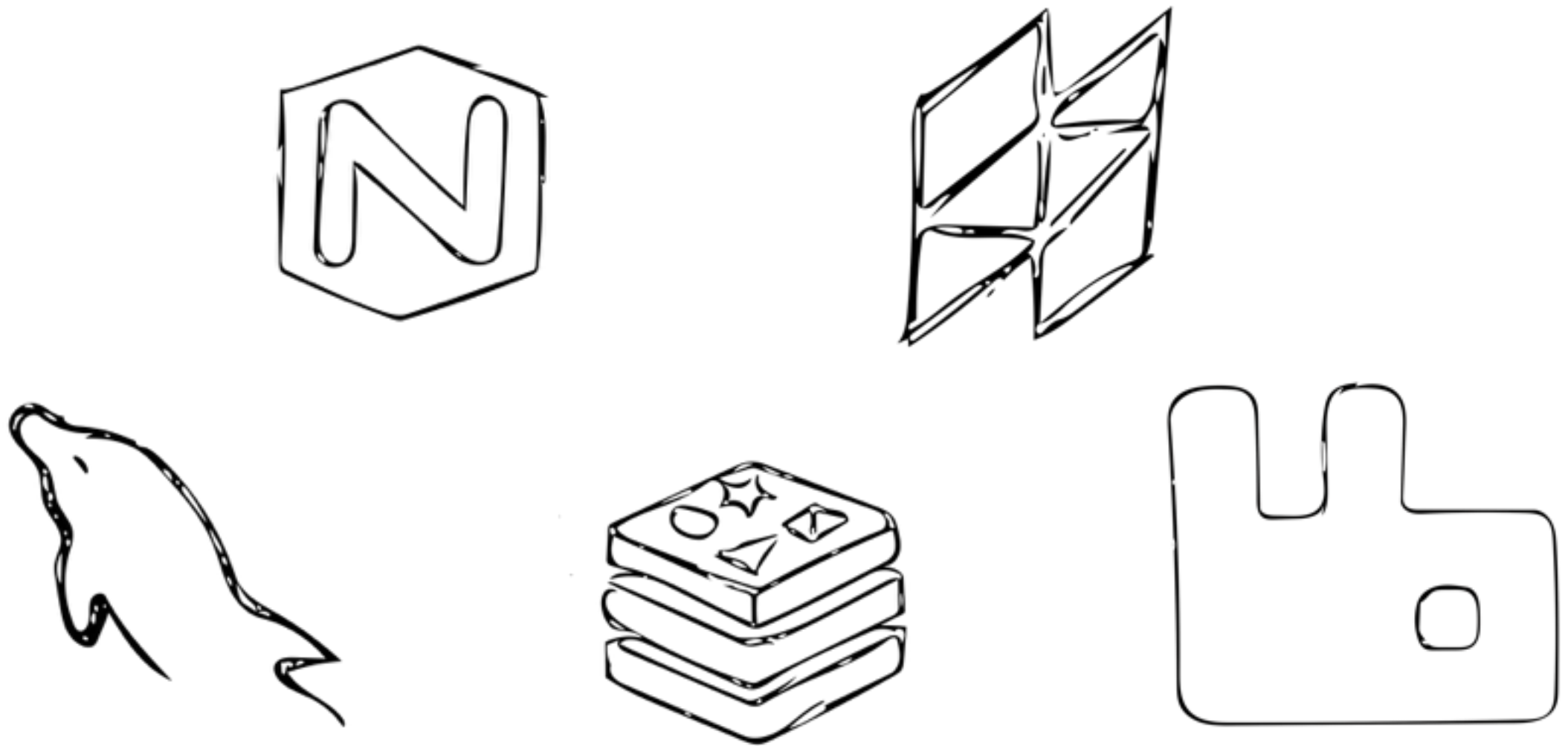
Use Cases



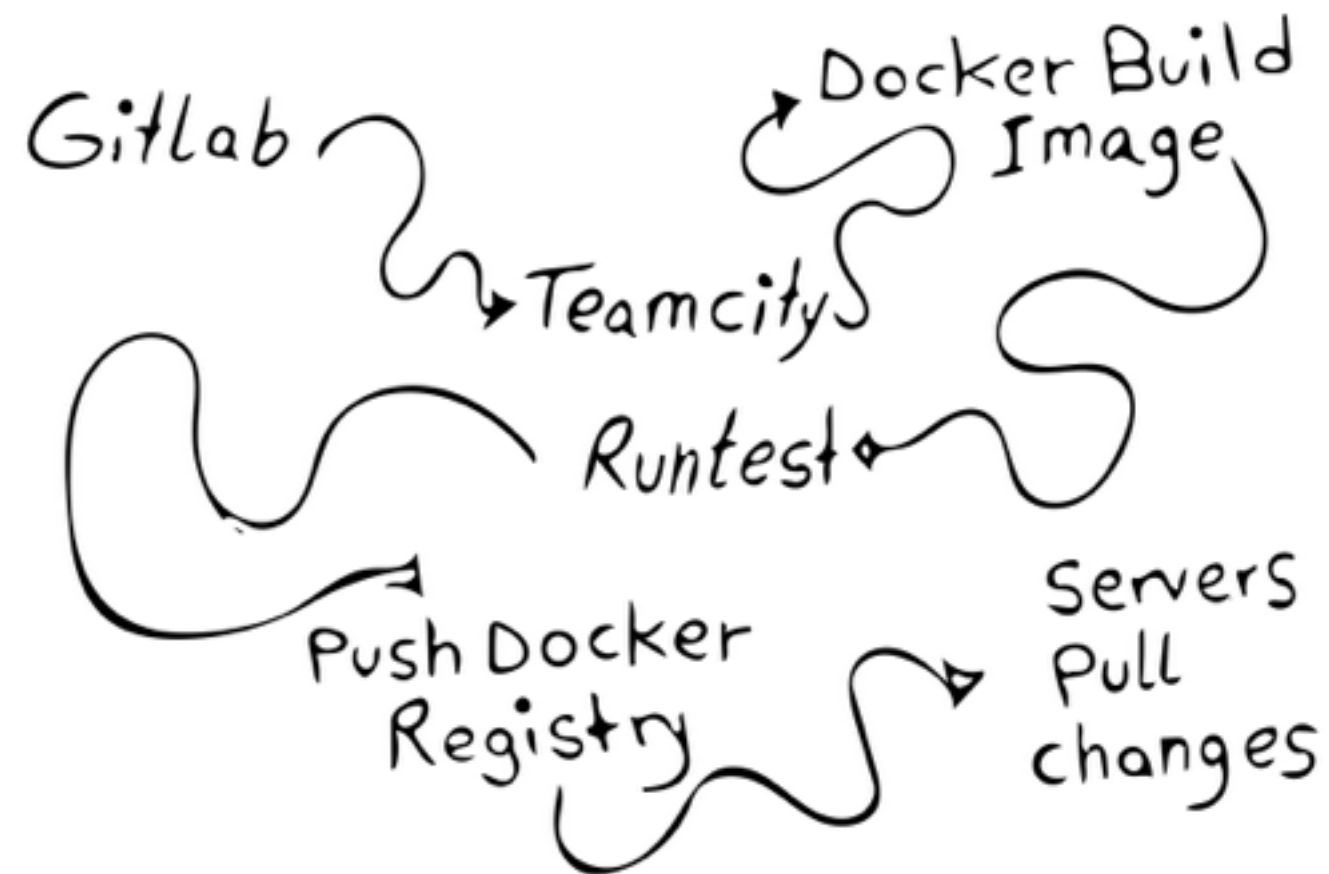
- **Development Environment**
- **Continues Integration and Continues Delivery**
- **Microservices**



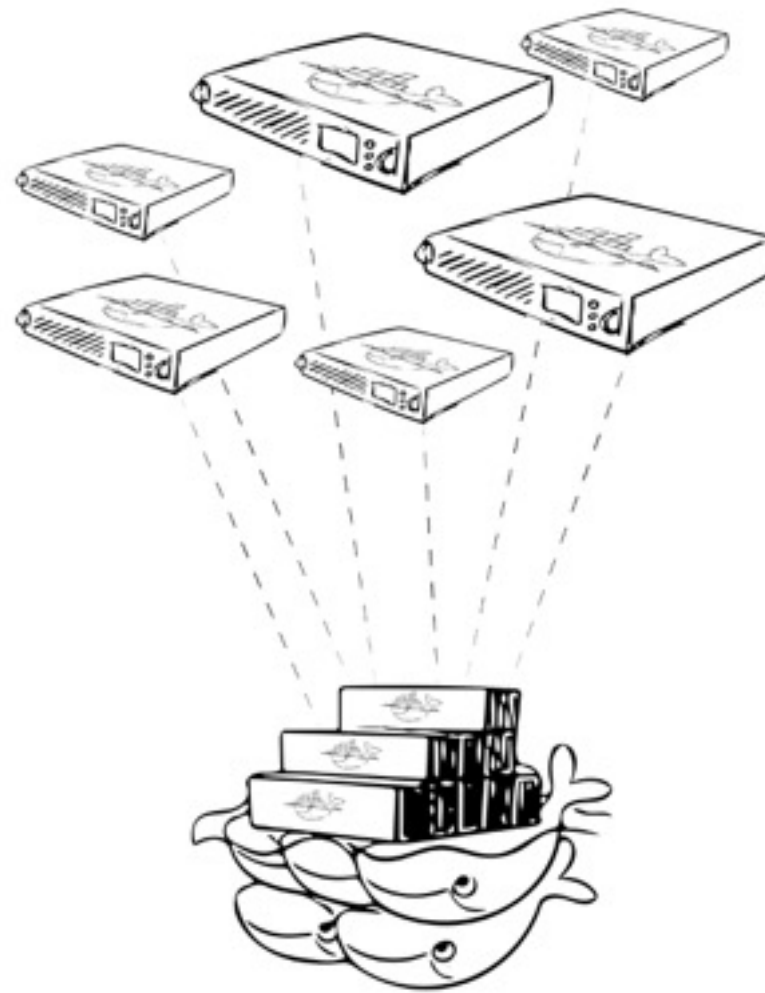
Real app on Docker



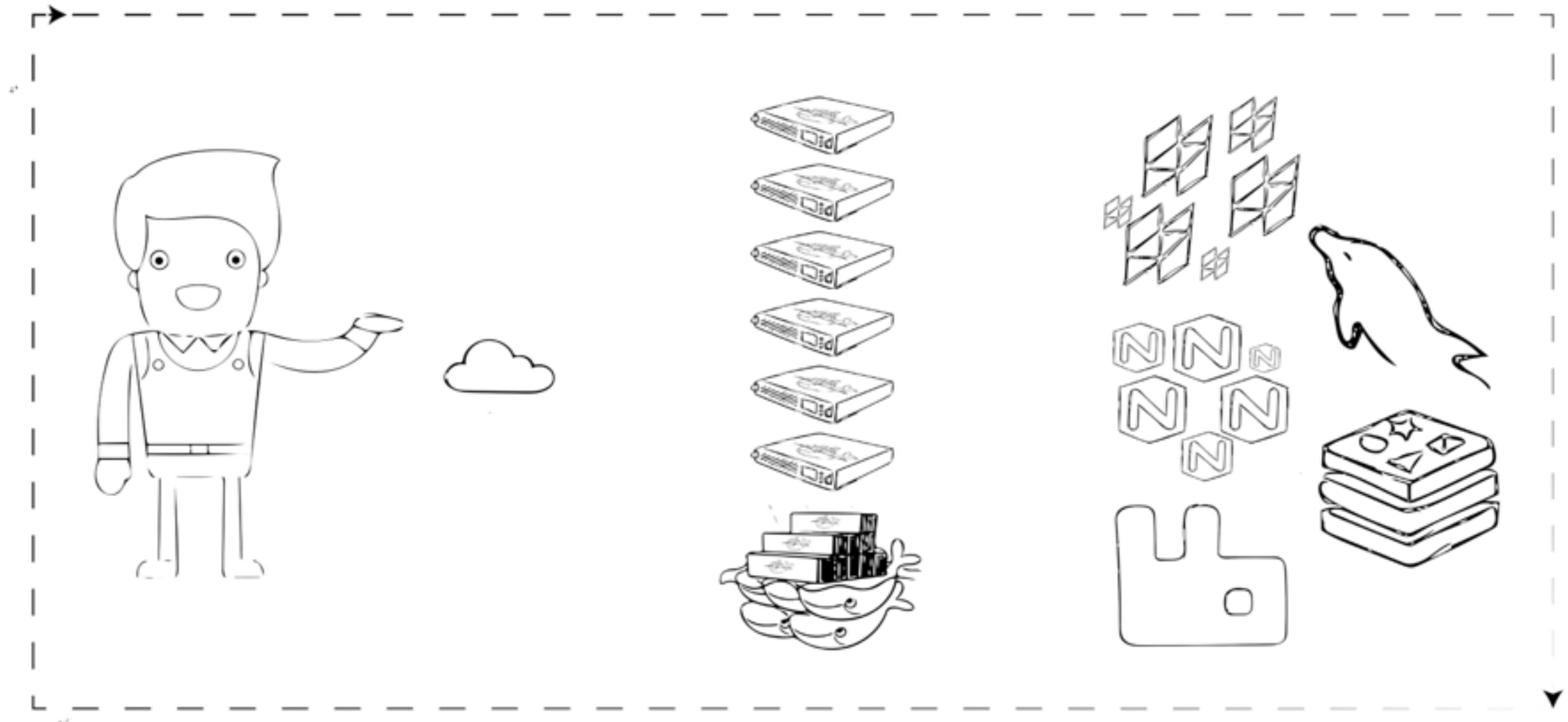
Development



continuous integration and deployment



Docker Swarm



Production

Thank you.