Docker Notes ≣

Welcome to the crash course of Docker. In this video, we'll cover Docker from absolute zero to advance. Following are the topics that we will be covering in this video.

Part 11

1. Problem Statement
2. Installation of Docker CLI and Desktop
3. Understanding Images v/s Containers
4. Running Ubuntu Image in Container
5. Multiple Containers
6. Port Mappings
7. Environment Variables
8. Dockerization of Node.js Application
    a. Dockerfile
    b. Caching Layers
    c. Publishing to Hub
9. Docker Compose
    a. Services
    b. Port Mapping
    c. Env Variables

Part 2

1. Docker Networking
    a. Bridge
    b. Host
2. Volume Mounting
3. Efficient Caching in Layers
4. Docker Multi-Stage Buildsa
5.

Bonus: Amazon Elastic Container Service and ECR

Docker Notes

Name

name

docker run -it ubuntu

Ubuntu

e928ca2a527

Macbook

DarwinOS

data   data   data

Images

ubuntu-with-tools

Custom Image
 • Ubuntu
 • Node
 • Mongodb
 • Redis

cal.com

calcom

docker run calcom

docker run -it <image_name>
docker exec <container_name> <command>

nodejs
PORT: 8000

http://localhost:6000

mailhog
PORT: 1025

9000

docker run -it -p 1025:1025 mailhog/mailhog

docker run -it -p 1025:1025 -e key=value -e key=value mailhog/mailhog

node.js
package
main.js
package-lock

node v.18.0

ubuntu