What is Docker?

10-07-2023:

What containers

Docker image

Docker ps

Only running container will see in console.

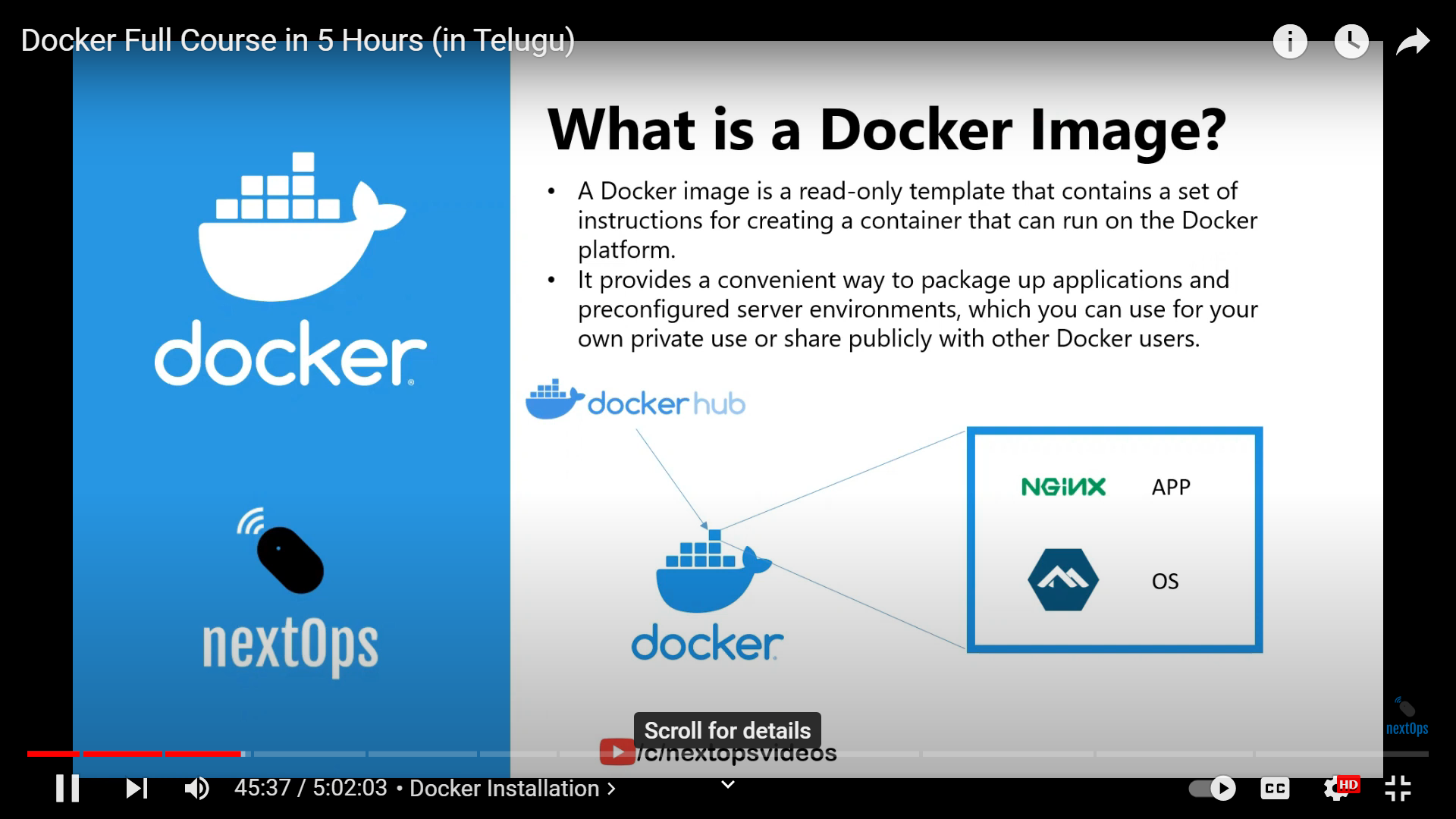
Docker ps -a

Stopped container also will be see I console.

Docker stop

Docker start

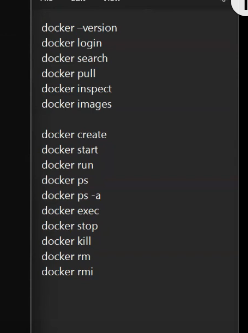
What is image:



One image will no. of container will run.

Delete docker images:

Docker rmi



How to start container

🡪 Docker start container-name

How to stop docker container

* Docker stop

How to create docker

* Docker create nginx

two commands under one

* **Docker run –name nginx -002**

Create container and start container

Will leave starting stage.

Docker run -d –name nginx\_002

Detached mean with out login exist

Docker stop and docker kill

Stop command will gracefully stop container

Kill forcefully shutdown container

Docker exec -it container-name /bin/bash

Exec—excutions

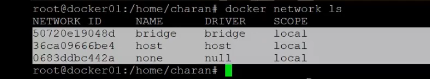
It –

How to delete running container

Docker rm

Docker rmi

Networking Docker:



Will see

Docker desktop and docker Virtual machine.

Container nothing small size of virtual machine

Command:

Docker run

Docker ps

Docker ps -a

Stopped container also will be showing.

2.How to install docker on windows & Linux

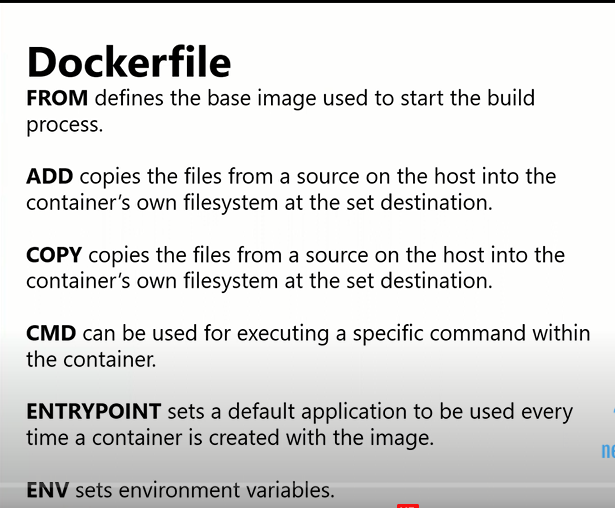
Docker images introduction

26-06-2023:

Nano

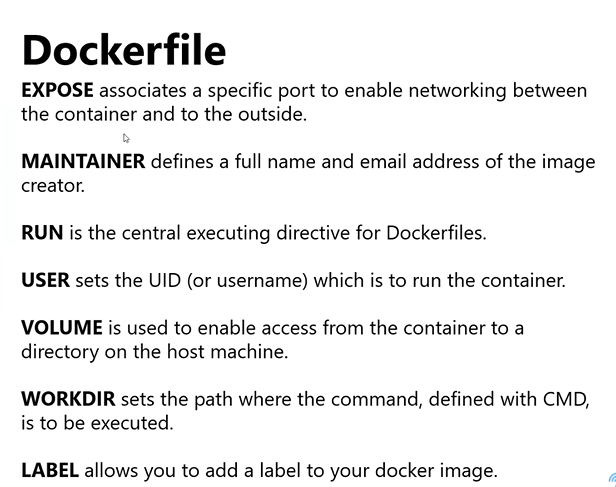
Vim for editing file.

Docker build



Add – source and destination (Source sometimes URL, google URL, Zip file will extract and that file that feature available )

Copy— source and destination



How to create build image

Touch Dockerfile

Plain images will create on container

Commands:

Docker image(checking images available or not)

Docker build -t accountname/imagename .

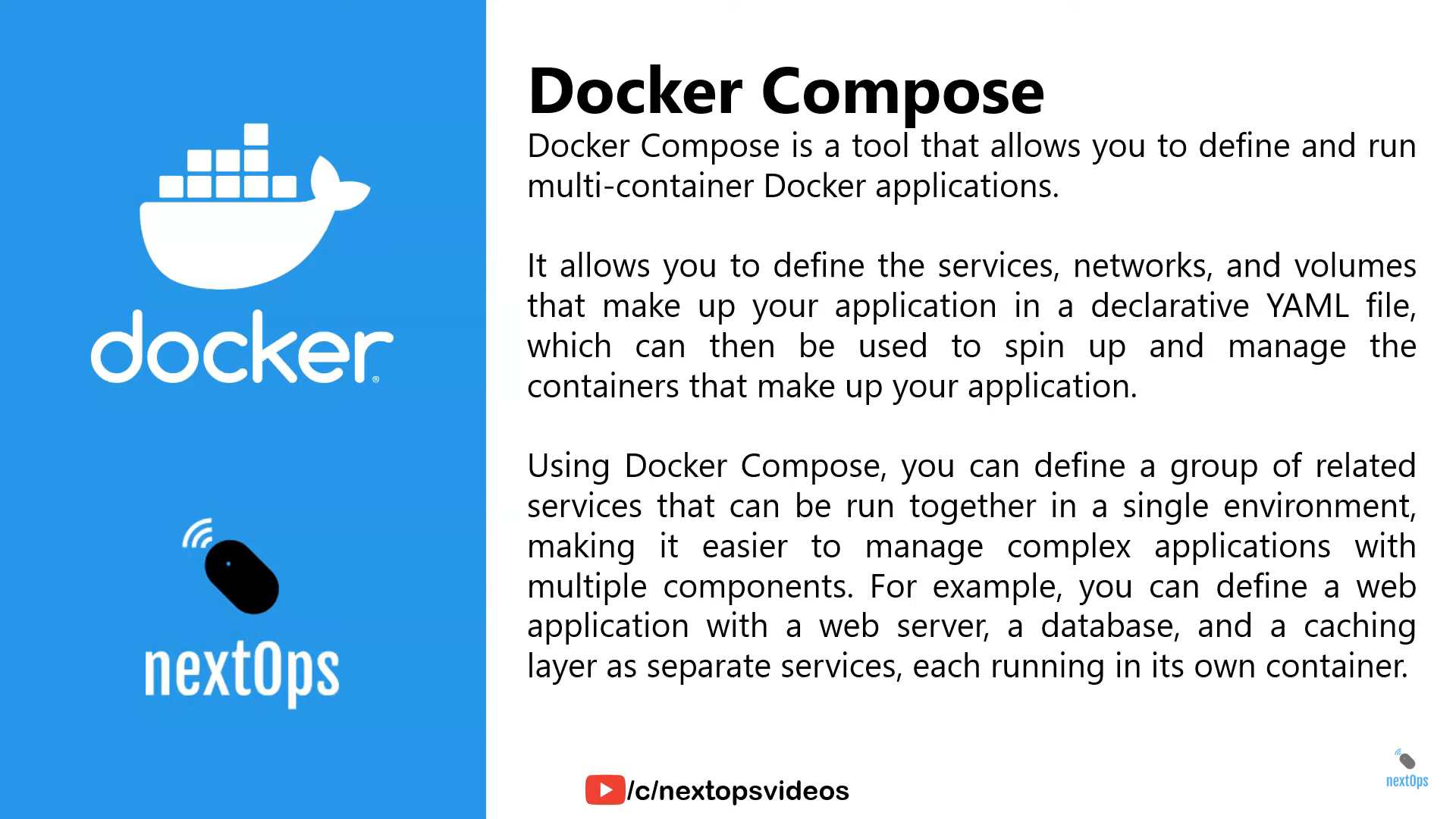
Docker image

Docker pull image name

Docker run -dt –name

Build chesina artificates integrating with

Docker compose?



Automation multi-container

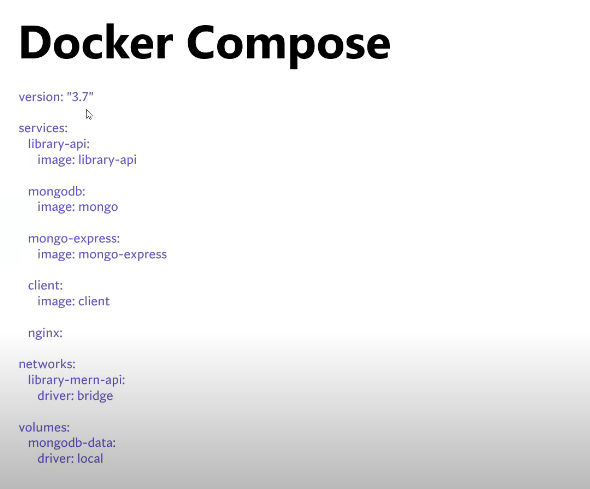
Apt install docker-compose

Multi- container run cheyalite need yaml file

Few object and components

Separate network

Separate service



Based on version

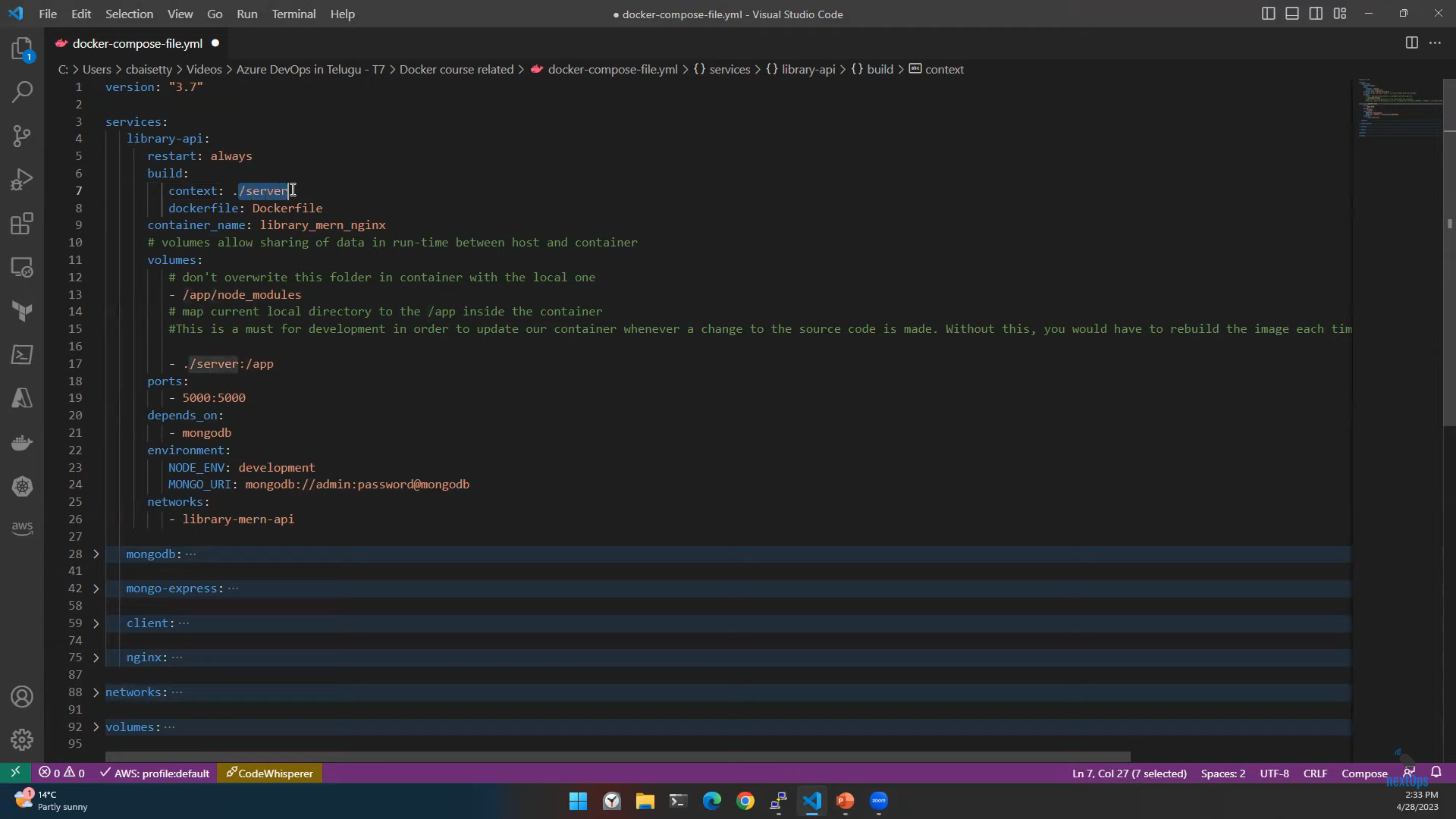
Docker-compose.yaml file

Version:3.7

Service

Network

Volume



Direct name like give this like docker-compose up

Different file name docker-compose.yaml up

Docker image

Docker ps -a

Docker volume ls

Docker network ls