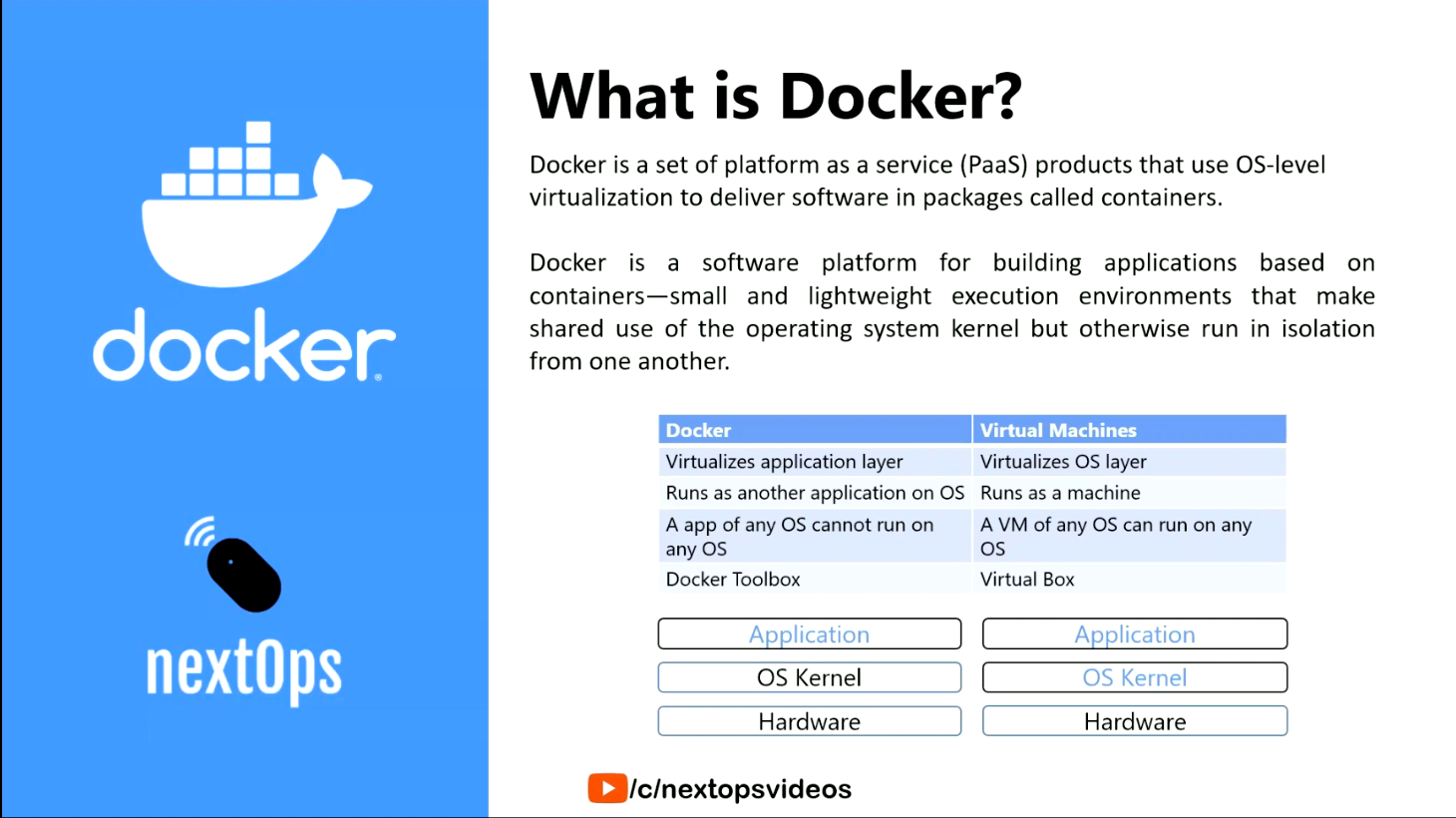
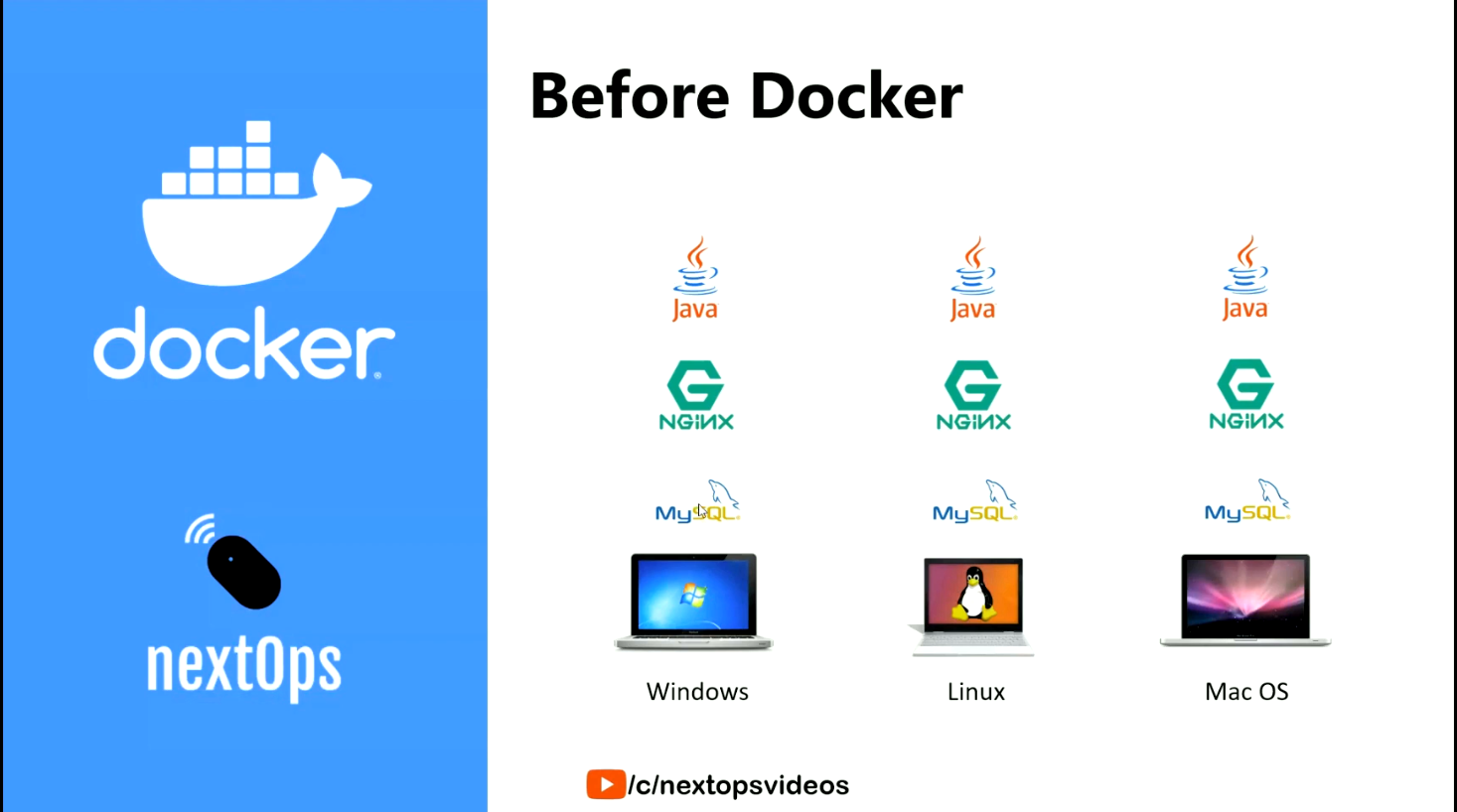
**Docker Tutorial**

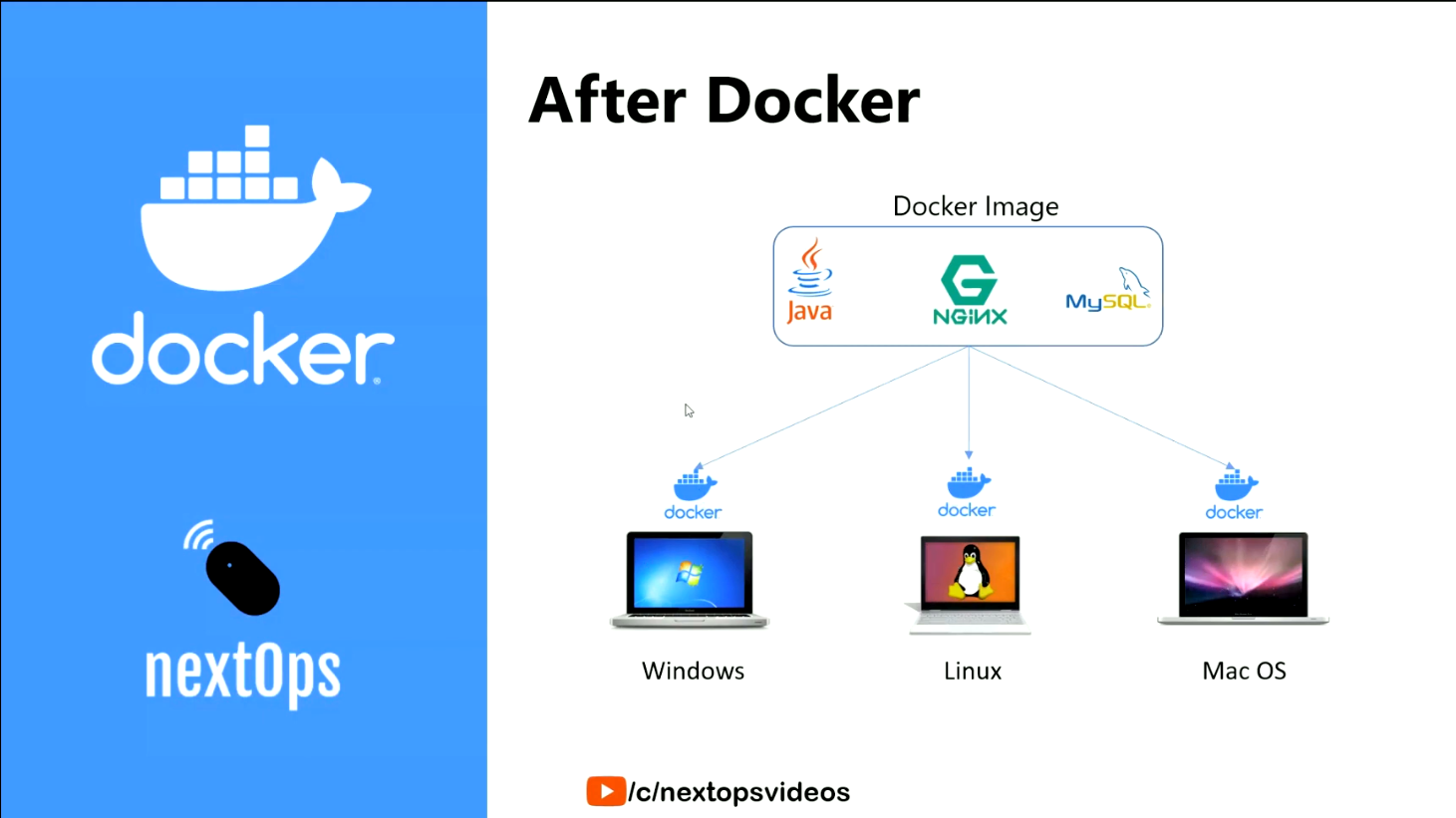
**What is Docker ?**

****

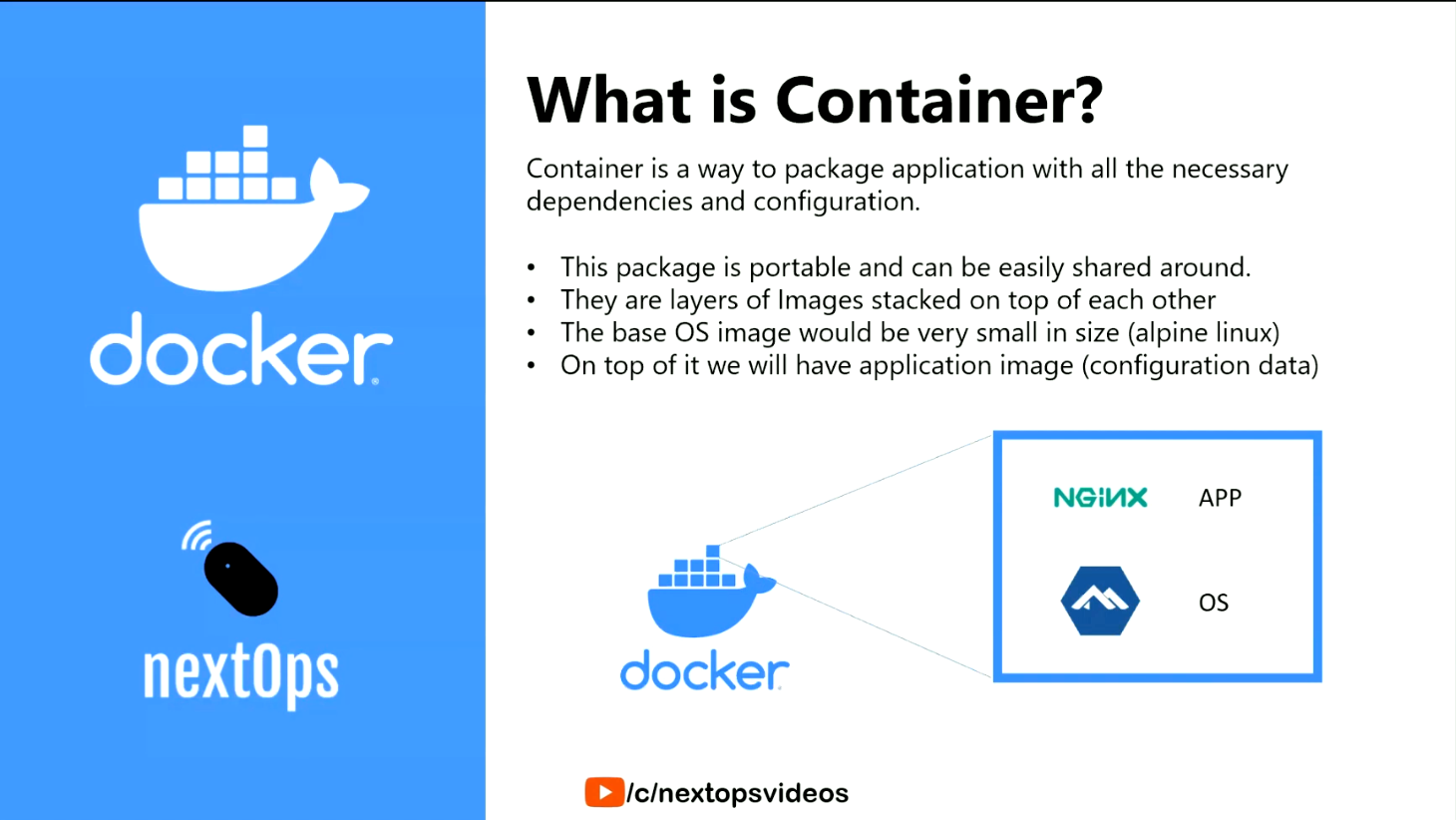
**Before Docker ?**

****

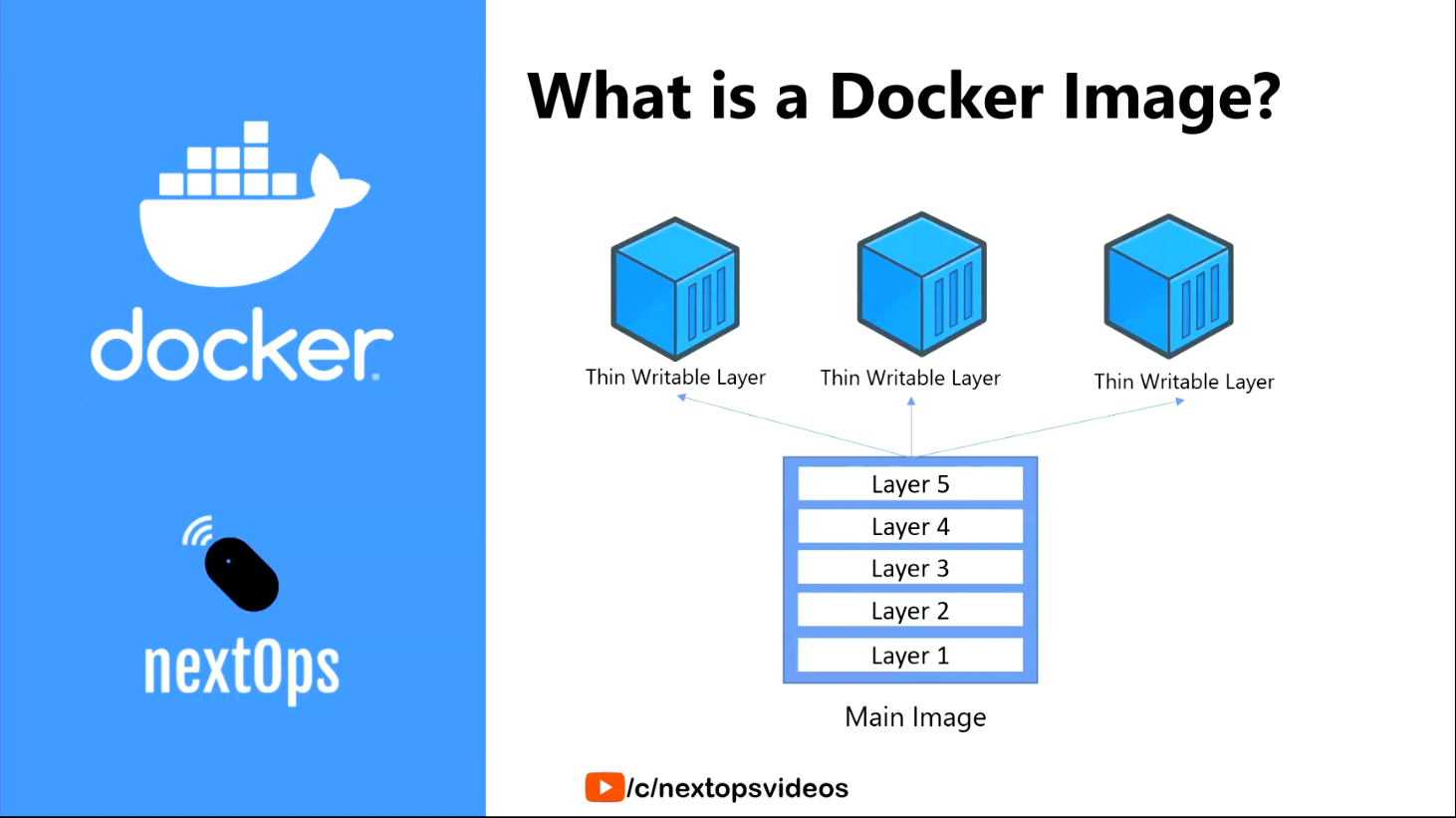
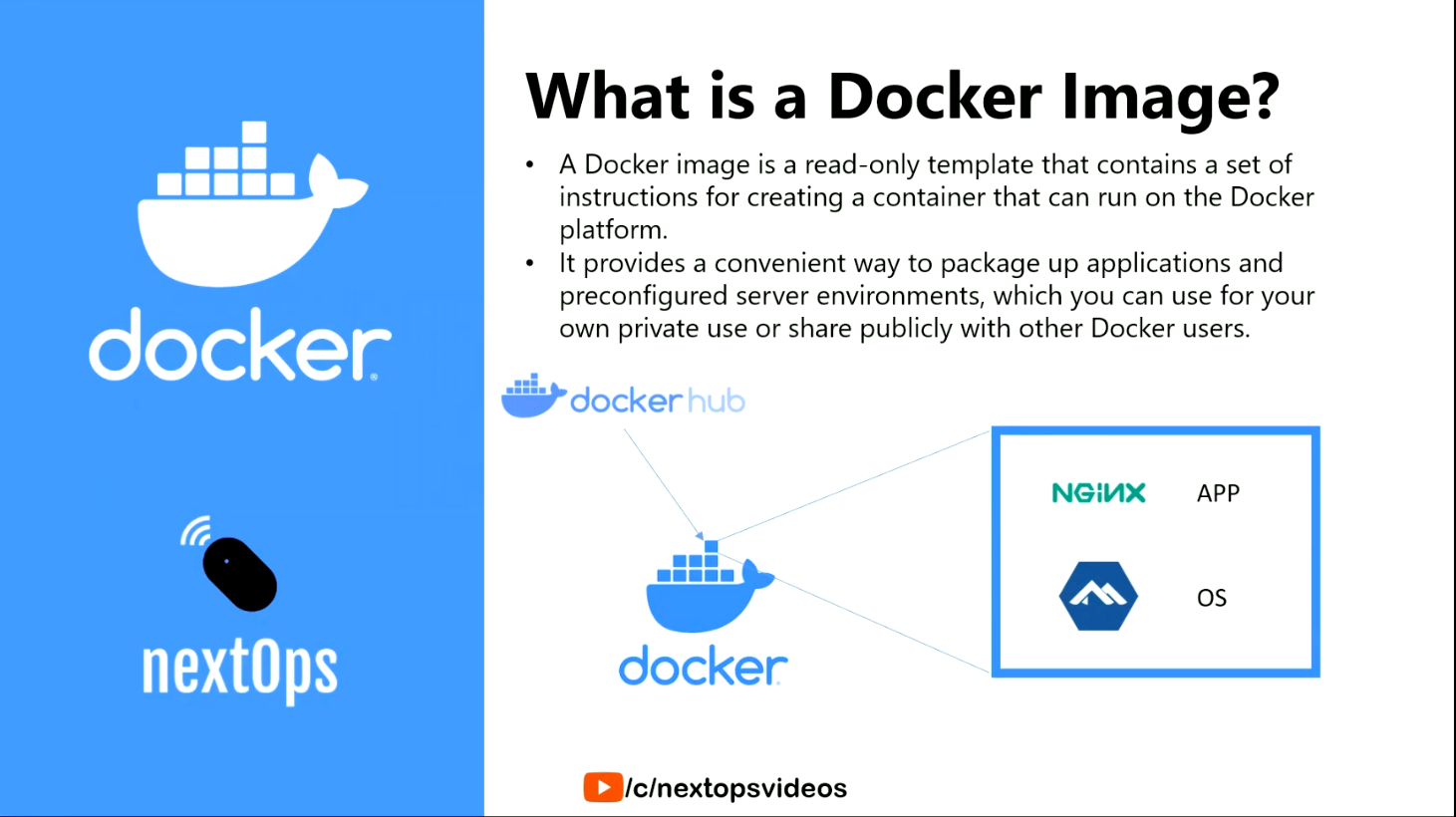
**After Docker ?**

****

**What is A Container ?**

****

**What is Docker Image ?**

****

**Above writable layers are temporary storage layers .. when the container is start,that time writable layers will created..when the container is stoped , writable layers also delete..**

**From one image we can create n number of containers**

**Docker Image Commands**

**Pull image from docker hub :**

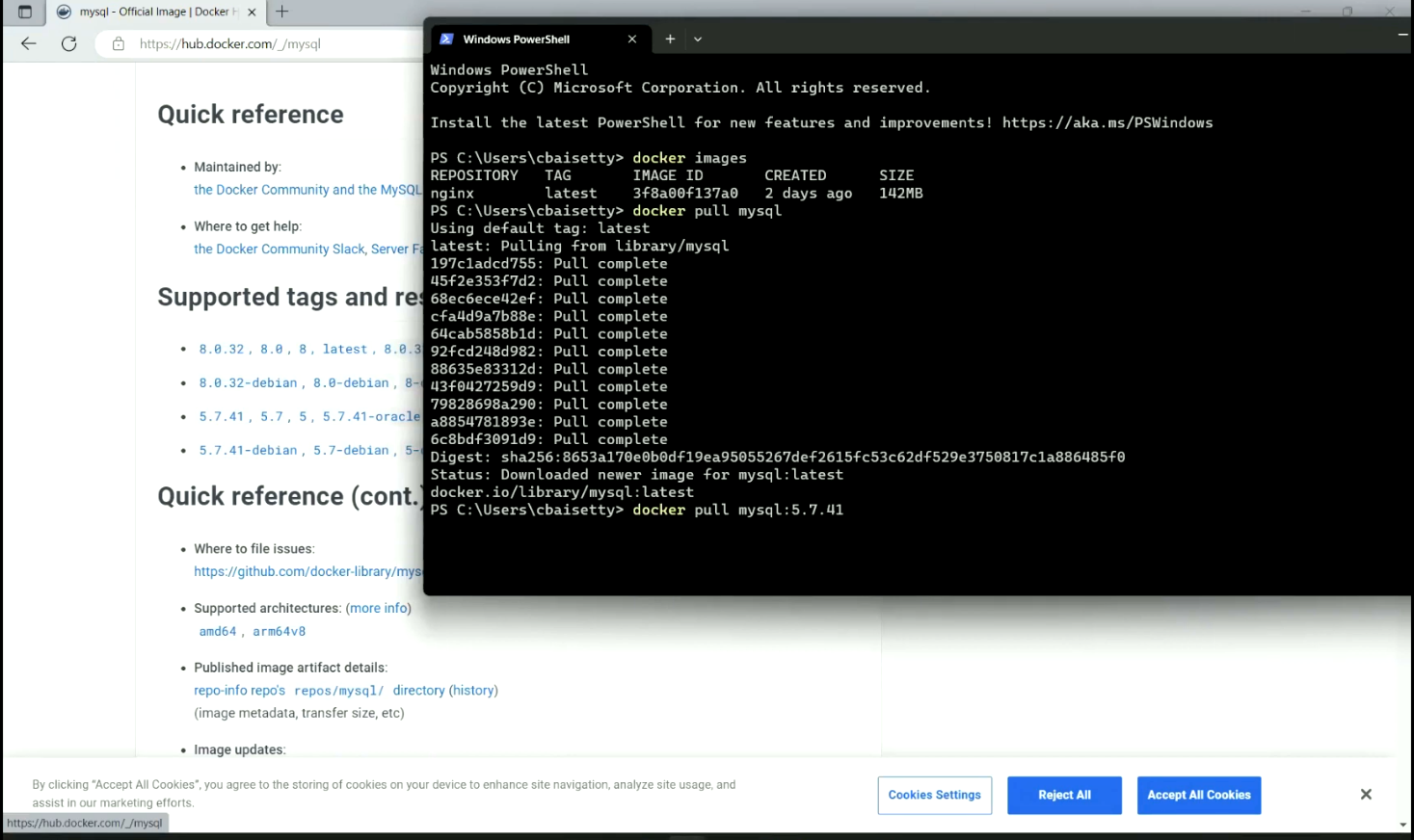
**It will takes automatically latest version only**

**Cmd : docker pull image\_name**

**Pull specific image from docker hub :**

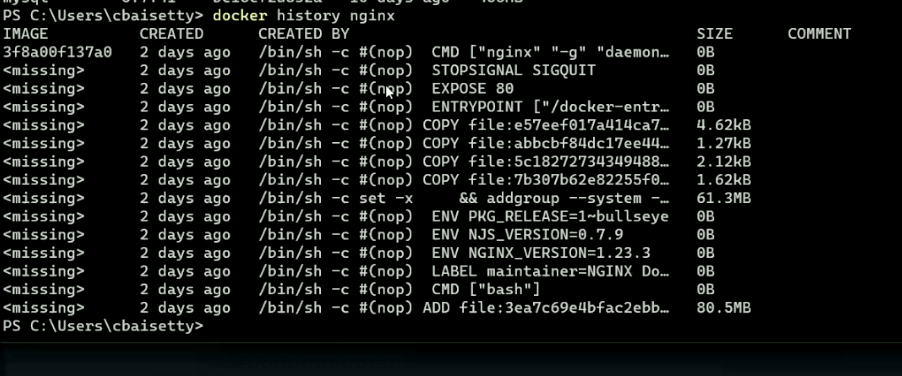
**It will takes automatically latest version only**

**Cmd : docker pull image\_name:version**

****

**get image history :**

**Cmd : docker history image\_name**

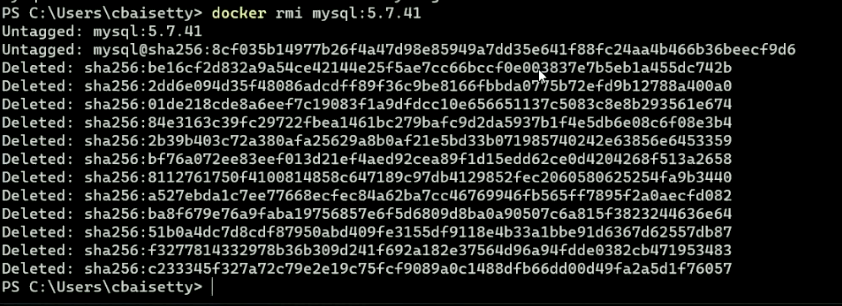
****

**remove specific image:**

**It will takes automatically latest version only**

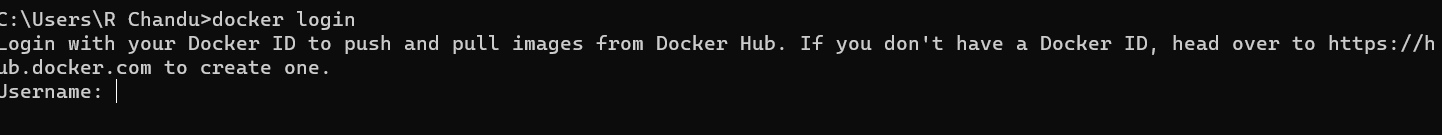
**Cmd : docker rmi image\_name**

**Cmd : docker rmi image\_name:10.20.78**

****

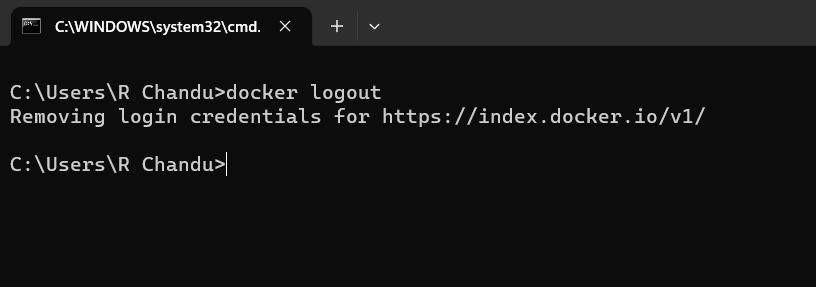
**Docker Basic Commands**

**Login**

**Cmd : docker login**

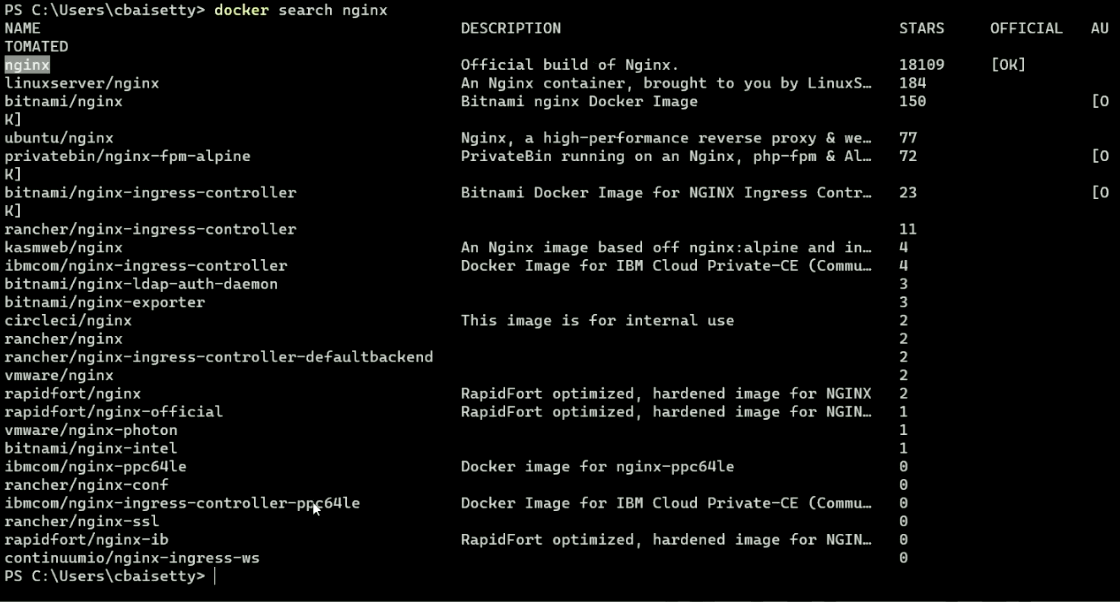
**Logout**

**Cmd : docker logout**

****

**Docker search images**

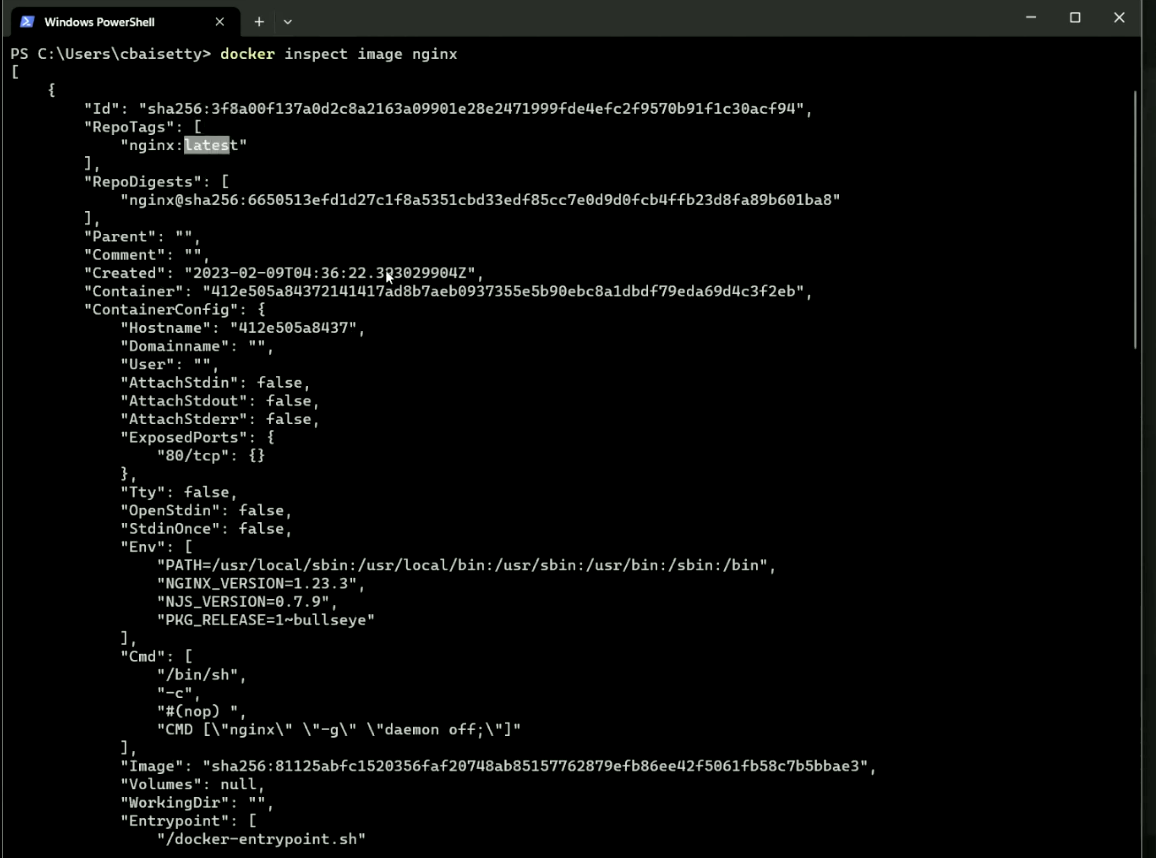
**Cmd : docker search image\_name**

****

**Docker inspect**

**Cmd : docker inspect image image\_name**

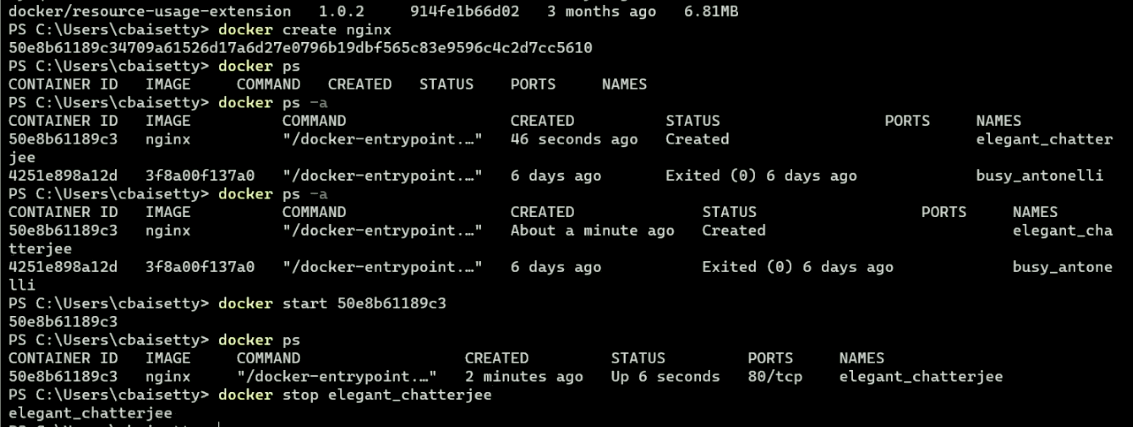
**It gives all information about the image**

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**Container Commands**

**Create,stop a container using image**

**Cmd :Docker create,stop image\_name**

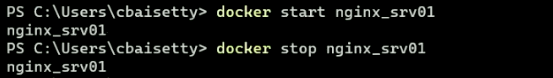
****

**For stopping the container we can use container id or container name**

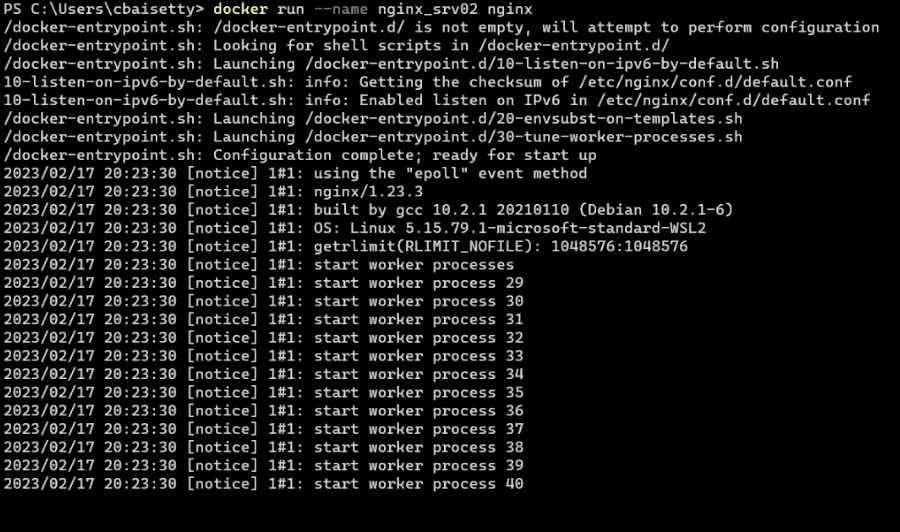
**Create, Stop a container using own name**

**Cmd :docker start own\_name**

**Cmd : docker stop container\_name**

****

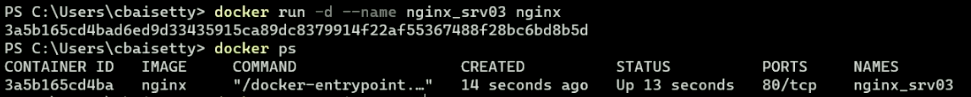
**All in one command for container**

**Cmd :docker run –name own\_container\_name image\_name **

**This will create s the container and starts in terminal..we can see whats happening the container**

**All in one command for container detach mode**

**Cmd : docker run –d –name own\_c\_name img\_name**

****

**This command creates and run the container, but it will exists in the terminal, container will run in background**

**kill container**

**Cmd : docker kill container\_name**

**This command forcefully stops the container , incase stop command didn’t work**

**delete container**

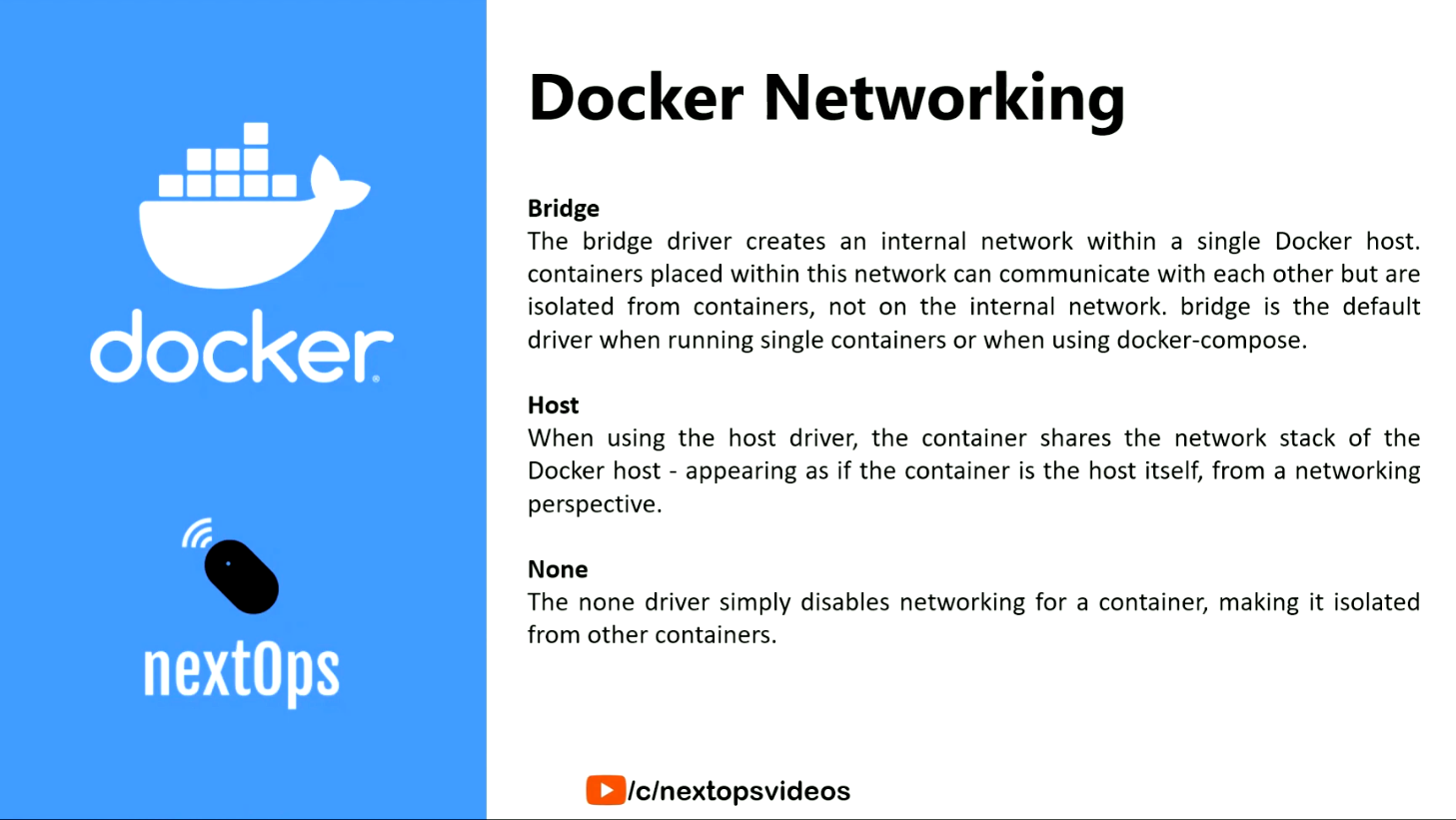
**Cmd : docker rm container\_name**

**Login to container terminal**

**Cmd : docker exec –it conta\_name /bin/bash**

**This command forcefully stops the container , incase stop command didn’t work**

**Networking**

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