

## Docker hub registry

### Ubuntu

Repo name:tag

Ubuntu:17.04

Ubuntu:16.04

Ubuntu:14.04

... ..

### nnzhaocs/Ubuntu

Namespace/Repo name:tag

nnzhaocs/Ubuntu:latest

nnzhaocs/Ubuntu:v1.1

nnzhaocs/Ubuntu:base

... ..

Official Repositories

Non-official Repositories

docker push

image

docker pull

image

## Docker host

R/W layer

PHP

MySQL

Base image: Ubuntu

Container layer

Image layers  
(Read only)

docker pull  
docker push  
docker build  
docker run



Docker client

Container

Container

Container

Docker daemon

Host OS

Hardware