How Docker works

Purwadhika

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Startup and Coding School
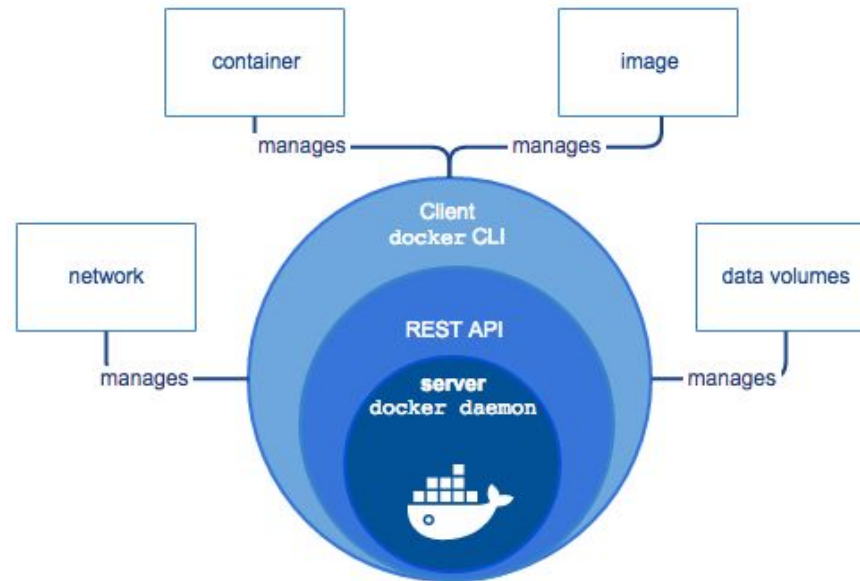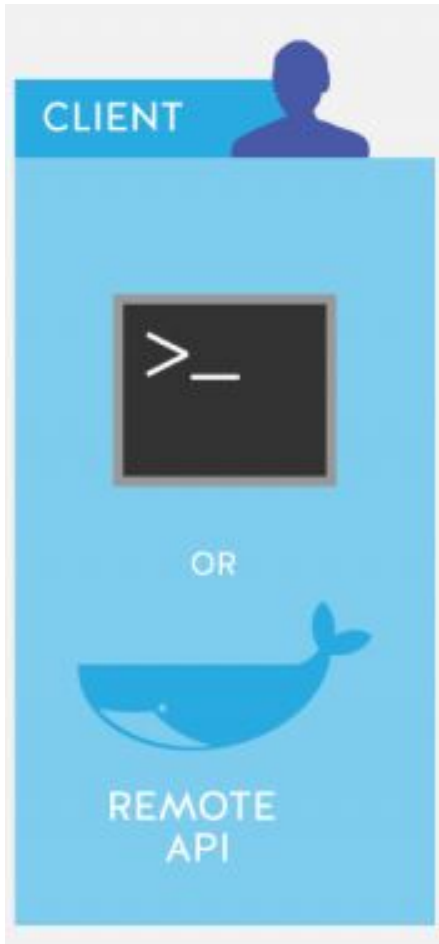
Docker Architecture
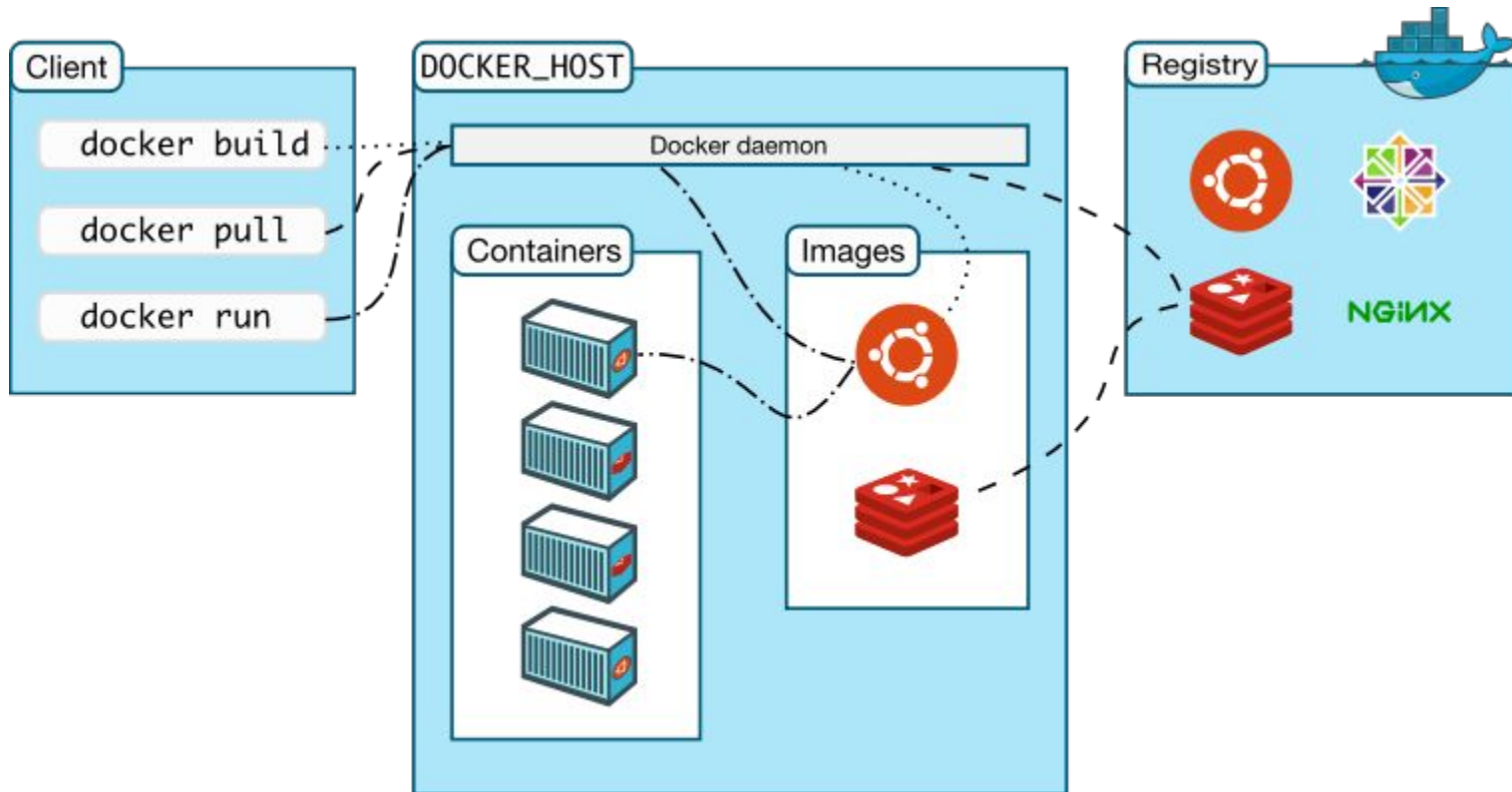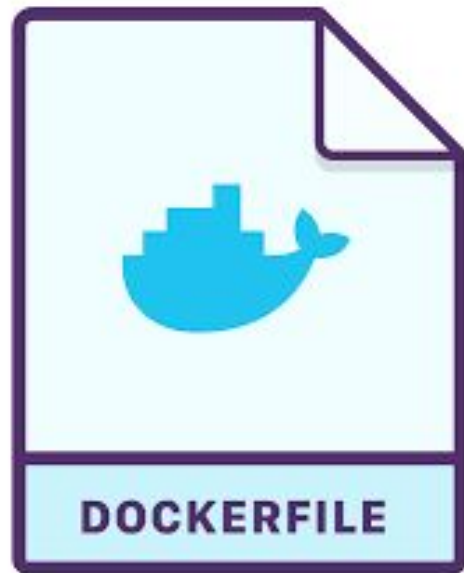
Docker Daemon

The docker system is responsible for managing all Docker activities and listens for docker API request

Docker Client

Users who interact with docker via the docker API or the docker CLI. So that it can control the docker daemon.

Docker Images

An *image* is a read-only template with instructions for creating a Docker container. Often, an image is *based on* another image, with some additional customization.

Docker Registry

The docker repository is responsible for storing docker images from applications that will run on the docker container.

Docker Containers

A container is a runnable instance of an image. You can create, start, stop, move, or delete a container using the Docker API or CLI.