

Docker

What is it?

Why use it?

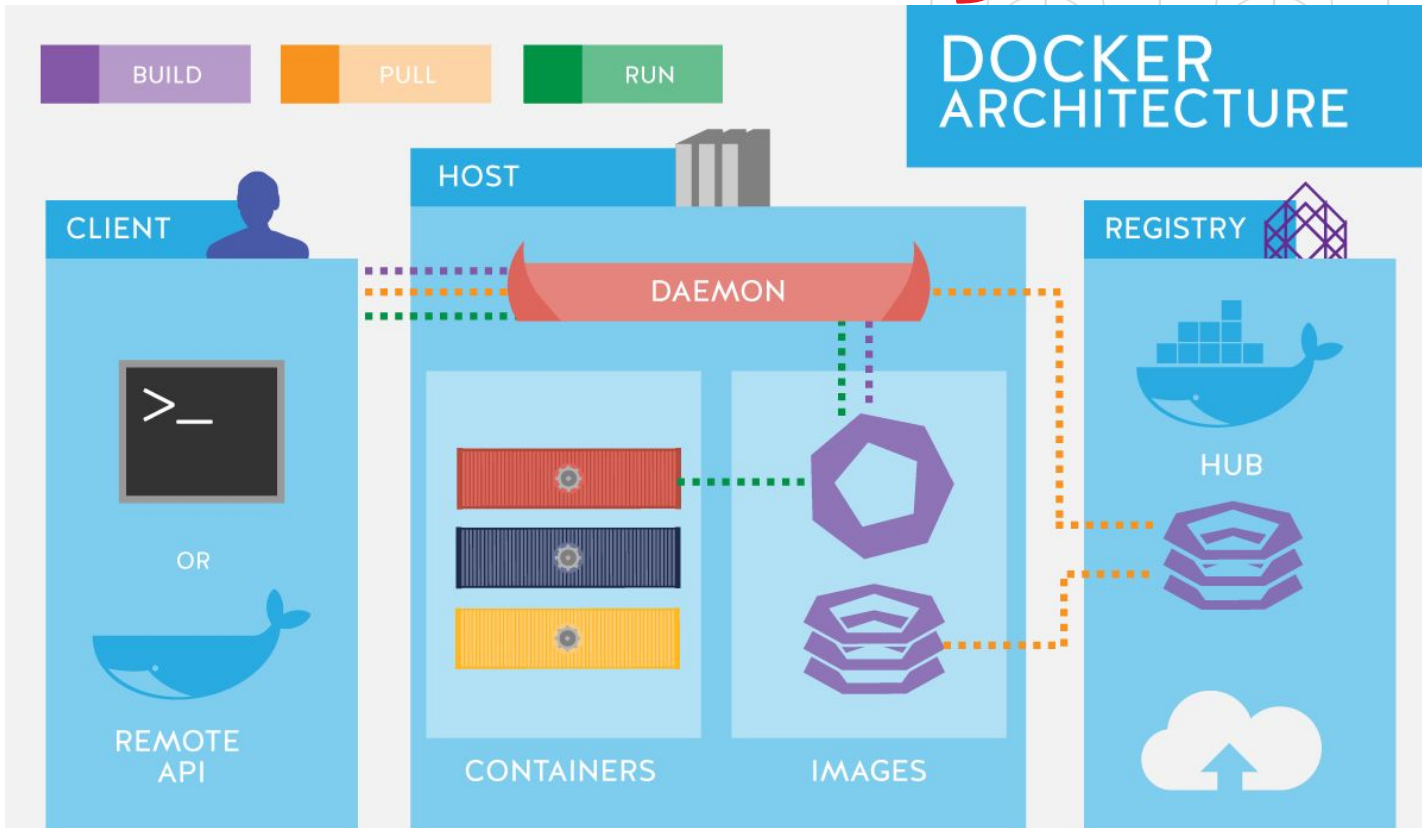


docker

Installation

- `docker -version`
- `docker compose version`

Docker Ecosystem



Core Concepts

Docker Image

Blueprint (code + environment + dependencies)



Container

Running instance of an image

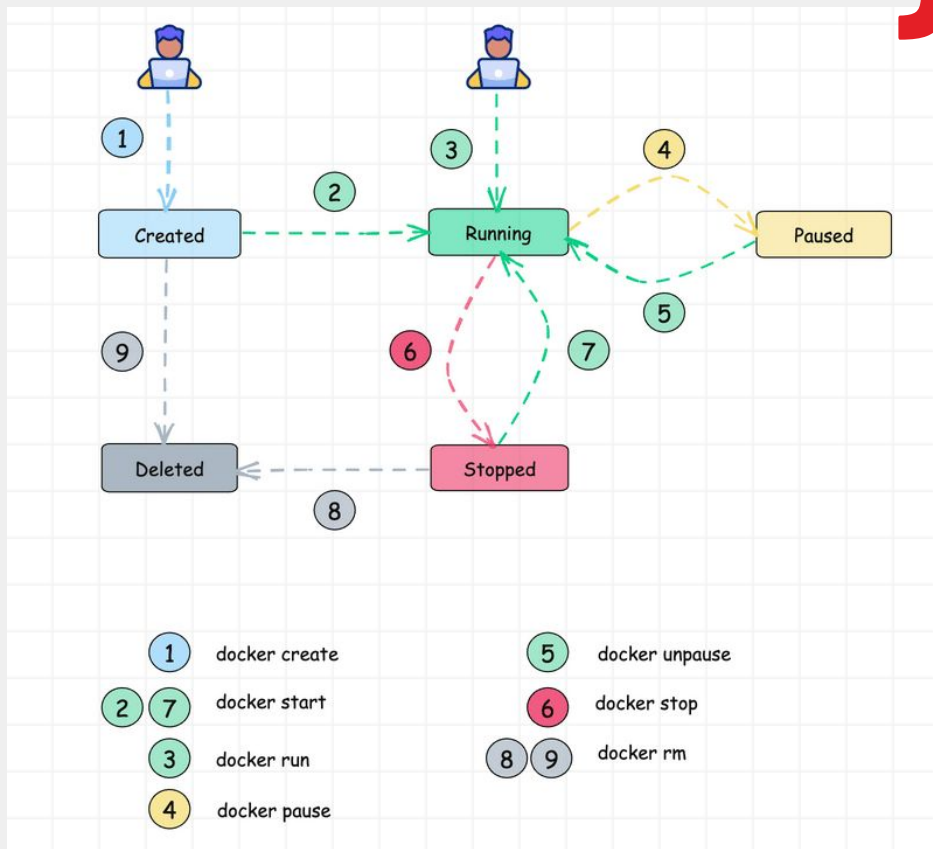


Let's get started :)

Code Along



Container Lifecycle



Lifecycle

Code Along



Calculator

Code Along



Stop! Docker time

- What is docker?
- Why do we use it?
- What's an image?
- What's a container?

Docker Compose

Managing **multi-container** environments for full-stack deployments.

Docker

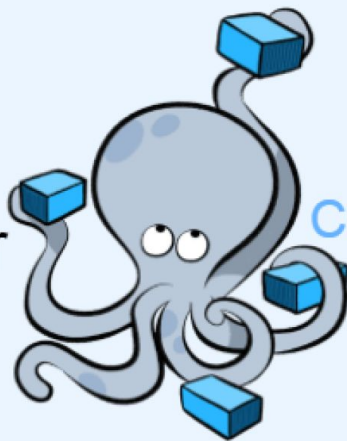
Compose



Docker Compose

Example

Docker



Compose