

What is Docker

Tuesday, January 23, 2024 3:09 PM

- * Virtualization Software.
- Makes developing & deploying applications much easier.
- Package applications with all the necessary dependencies, configuration, system tools & runtime.

* Container. (Portable artifact)

A standardized unit that has everything the application needs to run.

How did we do it earlier?

→ Each developer needs to install & configure all services directly on their OS.

up Installation process (on Machine)
if Anything can go wrong.

(Ex: 10 services, each developer needs to install these 10 services)

* Development process with containers?

if Own isolated environment.
if Postgres packed with all dependencies and configs.

(Standardizes process of running any service on any local dev environment)

* Easy to run different versions of same app without any conflicts

(artifact & instructions given to Operations)

Development \Rightarrow Operations \rightarrow Service

& Problems

or M's communication.