



DOCKER

Docker Compose

Docker : Build Docker Images

- **Docker Compose** : Docker Compose is used to run multiple containers as a single service. Compose provide relationship between multiple Containers.
- **Example** : User can Start MySQL and Tomcat Container with one YML file without starting each separately.
- Docker Compose an Three Step Process:
- Define your app's environment with a **dockerfile** so it can be reproduced anywhere.
- Define the services that make up your app in **docker-compose.yml** so they can be run together in an isolated environment.
- Run **docker-compose up** and Compose starts and runs your entire app.

Docker : Build Docker Images

- **Install Docker Compose** : It's three step process.
- Download the necessary files from **github** using the following command –

```
sudo curl -L "https://github.com/docker/compose/releases/download/1.23.2/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
```
- Apply executable permissions to the binary:

```
sudo chmod +x /usr/local/bin/docker-compose
```
- Verify Syntax:

```
docker-compose --version
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Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, writing the words 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the fingers gripping the marker. The text is written in a fluid, handwritten style.

See you in next lecture ...