



# DOCKER

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*Docker Container : Data Management*

## *Docker : Data Management*

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- Container Data Management
- Persistent Data
- Data Volumes
- Bind Mount Points in Containers

## *Docker : Data Management*

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- **Container Persistent Data Problem**
- Containers are immutable : Once deploy never change, only re-deploy.
- Config Change or version Upgrade need re-deploy.
- By default all files created inside a container are stored on a writable container layer.
- The data doesn't persist when that container no longer exists, and it can be difficult to get the data out of the container if another process needs it.

## *Docker : Data Management*

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- Docker has two options for containers to store files in the host machine, so that the files are persisted even after the container stops-
- Volumes
- Bind Mounts

*Will see you in Next Lecture...*

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*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 marker tip touching the paper. The background is plain white.

*See you in next lecture ...*