



DOCKER

Persistent Data : Bind Mounts

Docker : Data Management

- Bind Mounts : Bind mount means a file or directory on the *host machine* is mounted into a container..
- *Mapping of Host Files into a Container Files.*
- **Bind mounts** may be stored *anywhere* on the host system.
- Non-Docker processes on the Docker host or a Docker container can modify them at any time.
- Bind Mount can't be use in **DockerFile**.

Docker : Data Management

- Good Use Case of Bind Mounts
- Sharing configuration files from the host machine to containers.
- Sharing source code or build artifacts between a development environment on the Docker host and a container.

Docker : Data Management

➤ Start nginx with Bind Mount

➤ Run NGINX

docker container run -d --name nginx --mount type=bind, source=\$(pwd),target=/app nginx

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

See you in next lecture ...