

Docker Basics

Computing

The commands and the three concepts underneath them.

An image is a template. A container is a running instance of one.

Command	Does
docker build -t name .	Build an image from a Dockerfile
docker run -it name	Start a container
docker ps -a	List containers, including stopped
docker images	List images
docker exec -it id sh	Shell into a running container
docker logs -f id	Follow its output
docker compose up -d	Start a multi-container stack
docker system prune	Reclaim disk space

Containers are ephemeral: anything written inside one is lost on removal unless it is in a mounted volume.