

Docker Commands Cheat Sheet (With Examples)

Category	Command	Description	Example
Info	docker --version	Show Docker version	docker --version
Info	docker info	Display system-wide information	docker info
Images	docker pull <image>	Download an image from Docker Hub	docker pull nginx
Images	docker images	List all images	docker images
Images	docker rmi <image>	Remove an image	docker rmi nginx
Images	docker build -t <name>:<tag> .	Build an image from a Dockerfile	docker build -t myapp:1.0 .
Containers	docker run <image>	Run a container from an image	docker run nginx
Containers	docker run -d <image>	Run in detached mode	docker run -d nginx
Containers	docker run -it <image> bash	Run interactively with shell	docker run -it ubuntu bash
Containers	docker ps	List running containers	docker ps
Containers	docker ps -a	List all containers	docker ps -a
Containers	docker stop <container>	Stop a running container	docker stop mycontainer
Containers	docker start <container>	Start a stopped container	docker start mycontainer
Containers	docker restart <container>	Restart a container	docker restart mycontainer
Containers	docker rm <container>	Remove a container	docker rm mycontainer
Containers	docker logs <container>	View logs from a container	docker logs mycontainer
Containers	docker exec -it <container> bash	Execute command inside a running container	docker exec -it mycontainer bash
Containers	docker attach <container>	Attach terminal to a running container	docker attach mycontainer
Network	docker network ls	List networks	docker network ls
Network	docker network create <name>	Create a new network	docker network create mynet
Network	docker network inspect <name>	Inspect network details	docker network inspect mynet
Network	docker network rm <name>	Remove a network	docker network rm mynet
Volumes	docker volume ls	List volumes	docker volume ls
Volumes	docker volume create <name>	Create a new volume	docker volume create myvol
Volumes	docker volume inspect <name>	Inspect volume details	docker volume inspect myvol
Volumes	docker volume rm <name>	Remove a volume	docker volume rm myvol
Cleanup	docker system df	Show disk usage	docker system df
Cleanup	docker system prune	Remove stopped containers and dangling images	docker system prune
Cleanup	docker system prune -a	Remove all unused images and containers	docker system prune -a
Compose	docker compose up	Start services	docker compose up
Compose	docker compose up -d	Start services in detached mode	docker compose up -d

Compose	docker compose down	Stop and remove services	docker compose down
Compose	docker compose logs	View logs	docker compose logs
Compose	docker compose ps	List running services	docker compose ps