

Chapter-7 (Commands Summary)

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Check Version:

docker version	Shows which version of docker you have running.
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Containers:

■ Lifecycle :

docker create	Creates a container but does not start it.
docker rename	Allows the container to be renamed.
docker run	Creates and starts a container in one operation.
docker rm	Deletes a container.

■ Starting and Stopping :

docker start	Starts a container so it is running.
docker stop	Stops a running container.
docker restart	Stops and starts a container.
docker pause	Pauses a running container.
docker unpause	Unpause a running container.
docker wait	Blocks until running container stops.
docker kill	Sends a SIGKILL to a running container.

■ Informative:

docker ps	Shows running containers.
docker logs	Gets logs from container.
docker inspect	Looks at all the info on a container (including IP address).
docker events	Gets events from container.
docker port	Shows public facing port of container.
docker top	Shows running processes in container.
docker stats	Shows containers' resource usage statistics.
docker diff	Shows changed files in the container's FS.

docker ps -a	Shows running and stopped containers.
docker stats --all	Shows a list of all containers, default shows just running.

■ Executing Commands:

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docker exec	To execute a command in container.
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Images:

■ Lifecycle :

docker images	Shows all images.
docker import	Creates an image from a tarball.
docker build	Creates image from Dockerfile.
docker commit	Creates image from a container, pausing it temporarily if it is running.
docker rmi	Removes an image.
docker load	Loads an image from a tar archive as STDIN, including images and tags.
docker save	Saves an image to a tar archive stream to STDOUT with all parent layers, tags & versions.
docker image prune	Removing all unused images.

■ Informative:

docker history	Shows history of image.
docker tag	Tags an image to a name.

Volumes:

■ Lifecycle :

docker volume create	Create volume on docker host
docker volume rm	Delete volume from docker host

■ Informative:

docker volume ls	List all the docker volumes
docker volume inspect	Show details of docker volume