

### Docker image manipulations

Run detached container - Debian OS	<code>docker -dit debian</code>
Stop container	<code>docker stop [CONTAINER CID]</code>
Show docker images	<code>docker images</code>
Show docker image info in YAML	<code>docker inspect [CONTAINER CID]</code>
Get docker image	<code>docker pull [IMAGE NAME]</code>
Get how image was constructed	<code>docker history [IMAGE NAME]</code>
Show full image hash	<code>docker images -no-trunc</code>
Create image tag	<code>docker tag SOURCE-[:TAG] TARGET[:TAG]</code>
pause a container	<code>docker pause [CONTAINER CID]</code>
unpause a paused container	<code>docker unpause [CONTAINER CID]</code>
send a kill signal to a running container	<code>docker kill [CONTAINER CID]</code>
block until a running container stops	<code>docker wait [CONTAINER CID]</code>
connect to a running container	<code>docker attach [CONTAINER CID]</code>

### Docker image manipulations (cont)

rename an existing container	<code>docker rename container-name new-container-name</code>
rename an existing container	<code>docker run --rm image-name</code>

### Dockerfile Manipulations

Simple Dockerfile example	FROM debian:stable LABEL maintainer="ENTER_YOUR_NAME_HERE" RUN apt update && apt install -y nano && apt clean CMD [ "/bin/bash" ]
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### Simple Dockerfile example

### Docker Information Commands

Docker Information Commands	<code>docker info</code>
To list only running containers	<code>docker ps</code>
To list all containers	<code>docker ps -a</code>
print the object information about a container	<code>docker logs container-id</code>
print all running processes in a container	<code>docker top container-id</code>
print the live resource usage of any container	<code>docker stats container-id</code>

### Docker Information Commands (cont)

print the changes on files and directories in a filesystem	<code>docker diff container-id</code>
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### Docker Volume commands

create a new Docker volume	<code>docker volume create volume-name</code>
list all Docker volumes	<code>docker volume list</code>
print more information about a Docker volume	<code>docker volume inspect volume-name</code>
remove a Docker volume from your system	<code>docker volume rm volume-name</code>

### Docker networking

list all the networks	<code>docker network list</code>
print information about one or more networks	<code>docker network inspect network-name</code>
connect a container to a network	<code>docker network connect network-name container-name</code>
disconnect a container from a network	<code>docker network disconnect network-name container-name</code>
remove one or more networks	<code>docker network rm network-name</code>