Docker image manipulations

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

Docker image manipulations (cont)

rename an existing container	docker rename container-name new-container-name
rename an existing container	docker run --rm image-name

Dockerfile Manipulations

Simple Dockerfile example	`FROM debian :stable LABEL mainta ine r="E NTE R_Y OUR _NA ME_ HER E" RU i n/b ash " ]`

Simple Dockerfile example

Docker Information Commands

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

Docker Information Commands (cont)

print the changes on files and directories in a filesystem	docker diff contai-ner-id

Docker Volume commands

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

Docker networking

list all the networks	list all the networks
print inform-ation about one or more networks	docker network inspect network-name
connect a container to a network	docker network connect network-name container-name
disconnect a container from a network	docker network disconnect network-name container-name
remove one or more networks	docker network rm network-name

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