Cheatography

Docker Cheat Sheet

by matthias via cheatography.com/33175/cs/13508/

Installation

docker run [image]	Downloads image and starts as container
docker image ls	Lists all local available images
docker ps	Lists all running containers
docker ps -a	Lists all containers
docker search [image]	Search for image in docker hub
docker pull [image]	Download image from hub
docker inspect [container] | more	Shows container details
docker rm -f [container]	Removes container
docker rmi [image]	Removes image

docker run

-d	Runs container in background (detached)
--name [container_name]	Runs as container_name
docker exec -it [container] /bin/sh	Executes shell in container
-e "VIRTUAL_HOST=example.com"	Environment variables
--network [network_name]	Starts in UDNetwork
-v [host-src:]container-dest[:<options>]	Mounts "host-src" as "container-dest"
-p [host_port]:[container_port]	Maps ports to host machine
mount options: rw, ro, nocopy	

docker volumes

docker volume ls --filter dangling=true	Lists unused docker volumes
docker volume prune	Removes all unused docker volumes (!)
docker volume create [volume_name]	Creates new volume
docker volume inspect [volume_name]	Inspects volume content

docker network

docker network inspect [network_name]	Shows network details
docker network create [network_name]	Creates new network
docker network ls	lists all available networks

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