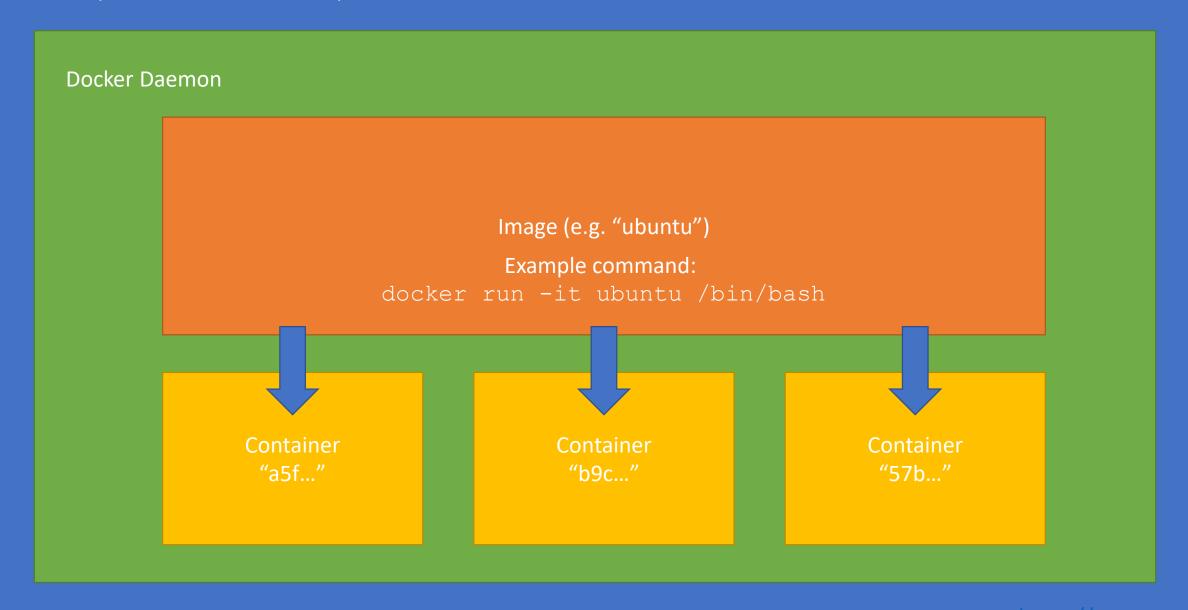


Simple Docker Commands

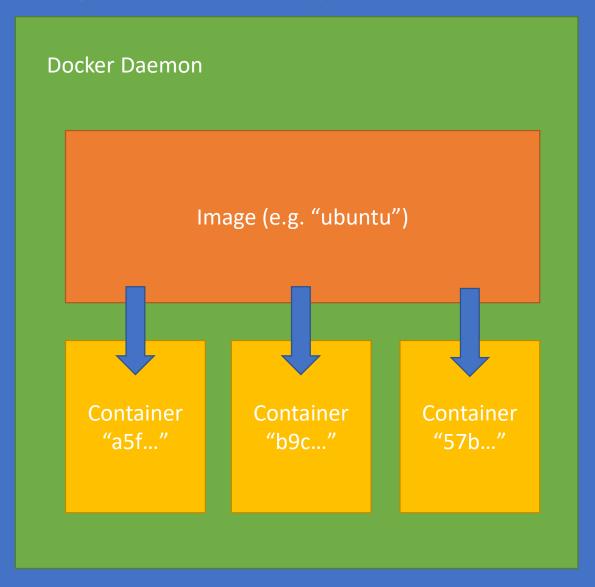
Recap / Cheat-Sheet

https://vomtom.at

HOST (Windows, MacOS, Linux)



HOST (Windows, MacOS, Linux)



Important Commands

docker run <image>

Run container from <image>

docker ps (-a)

- > List running containers
- > -a: List all containers

docker attach <container>

> attach to a running container

docker start/stop <container>

> start/stop a container

docker rm <container>

remove a container

docker logs <container>

> Get the logs

docker inspect <container>

➤ Inspect Container Details

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

docker attach <container>

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Get the logs

docker inspect <container>

➢ Inspect Container Details

Important Flags for docker run

docker run -it <image>

Get an interactive Terminal

--rm

> Delete Container after it stopped

-d

Start the container "detached"

--name <name>

> Give the container a custom name

-v <hostDir>:<guestDir>

Mount the directory <hostDir> into the directory <guestDir>

-w <dir>

Set a "start"-working directory

-p <hostPort>:<guestPort>

➤ Map port from host to guest

docker run <image>

Run container from <image>

docker ps (-a)

- > List running containers
- > -a: List all containers

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attach to a running container

docker start/stop <container>

start/stop a container

docker rm <container>

remove a container

docker logs <container>

Get the logs

docker inspect <container>

Inspect Container Details

Important Flags for docker ps

docker ps

- ➤ List the currently running containers
- > The one's which are not stopped
- -a
- ➤ List *all* running containers
- > Stopped included

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

docker attach <container>

> attach to a running container

docker start/stop <container>

start/stop a container

docker rm <container>

remove a container

docker logs <container>

Get the logs

docker inspect <container>

➢ Inspect Container Details

Important Flags for docker attach

docker attach <container>

- > Attaches to the <container>
- <container> can be the full identifier, or the first few characters, or the container-name.

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

docker attach <container>

attach to a running container

docker start/stop <container>

> start/stop a container

docker rm <container>

remove a container

docker logs <container>

Get the logs

docker inspect <container>

➢ Inspect Container Details

Important Flags for docker start/stop

docker start <container>

- Starts the container <container>
- <container> can be the full identifier, or the first few characters, or the container-name.

docker stop <container>

"The main process inside the container will receive SIGTERM, and after a grace period, SIGKILL."

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

docker attach <container>

attach to a running container

docker start/stop <container>

start/stop a container

docker rm <container>

> remove a container

docker logs <container>

Get the logs

docker inspect <container>

➢ Inspect Container Details

Important Flags for docker rm

docker rm <container>

- Removes the container
 - -f <container>
 - Forces the removal (SIGKILL)

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

docker attach <container>

attach to a running container

docker start/stop <container>

start/stop a container

docker rm <container>

remove a container

docker logs <container>

Get the logs

docker inspect <container>

Inspect Container Details

Important Flags for docker logs

docker logs <container>

Fetches the logs from the container

-f

> Follows the log output

--tail N

Shows the last N lines

--since <time>

- Shows logs since <time>
- **E.g.** 2019-12-04T00:00:00
- E.g. "42m" for 42 minutes

--until <time>

- > Show logs before a timestamp
- ➤ Since API 1.35

docker run <image>

Run container from <image>

docker ps (-a)

- List running containers
- -a: List all containers

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start/stop a container

docker rm <container>

remove a container

docker logs <container>

Get the logs

docker inspect <container>

➤ Inspect Container Details

Important Flags for docker inspect

→ docker inspect <container>

> Return low-level information on Docker objects

Learn Docker, Dockerfile, and Docker-Compose Today!

https://www.udemy.com/course/docker-and-docker-compose-hands-on-by-example/?referralCode=D809EA8FF9D9FFA16BC6