

Hand-Out Grundlagen Docker

Docker

Motivation:

VM & Containers:

Dockerfile:

Images & Tags:

Volumes:

Registry:

CLI-Commands

```
docker ps -a  
docker build -t <image> .  
docker run <image> <command>  
docker stop <container>
```

More commands can be found here: <https://docs.docker.com/engine/reference/commandline/cli/>

Dockerfile-Befehle

```
FROM <image>  
COPY <host-source> <container-target>  
RUN <command>  
CMD ["<command>", "<argument>", ...] ...  
EXPOSE <port> [<port>/<protocol>...]
```

More commands can be found here: <https://docs.docker.com/engine/reference/builder/>