

Docker Übungsaufgabe

#INSY

1. Neuen Ubuntu Container herunterladen:

```
docker pull ubuntu
```

```
PS C:\Users\matth> docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
29202e855b20: Pull complete
Digest: sha256:e6173d4dc55e76b87c4af8db8821b1feae4146dd47341e4d431118c7dd060a74
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview ubuntu
PS C:\Users\matth> |
```

2. Container starten:

```
docker run -ti ubuntu /bin/bash
```

```
PS C:\Users\matth> docker run -ti ubuntu /bin/bash
root@867240ac3543:/#
```

(Startet container im interactive modus)

3. Paketmanager aktualisieren und tree herunterladen:

```
apt update
apt upgrade
apt install tree
```

```
root@867240ac3543:/# apt install tree
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  tree
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 47.9 kB of archives.
After this operation, 116 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy/universe amd64 tree amd64 2.0.2-1 [47.9 kB]
Fetched 47.9 kB in 1s (74.0 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package tree.
(Reading database ... 4393 files and directories currently installed.)
Preparing to unpack .../tree_2.0.2-1_amd64.deb ...
Unpacking tree (2.0.2-1) ...
Setting up tree (2.0.2-1) ...
root@867240ac3543:/# |
```

4. Tree Befehl ausführen:

tree

```
    |-- timers.target.wants
    |-- apt-daily-upgrade.timer
    |-- apt-daily.timer
    |-- dpkg-db-backup.timer
    |-- e2scrub_all.timer
    |-- fstrim.timer
    |-- motd-news.timer
-- local
-- lock -> /run/lock
-- log
|-- alternatives.log
|-- apt
|   |-- eipp.log.xz
|   |-- history.log
|   |-- term.log
|-- bootstrap.log
|-- btmp
|-- dpkg.log
|-- faillog
|-- lastlog
|-- wtmp
-- mail
-- opt
-- run -> /run
-- spool
|   |-- mail -> ../mail
-- tmp
```

4894 directories, 20746 files
root@867240ac3543:/#

Tree zeigt die Ordnerstruktur an. Es wird verwendet um Strukturen zu visualisieren.