

WSL2 (Windows subsystem for Linux)

Tips voor het gebruiken van WSL2 (Linux binnenin Windows omgeving)

- [Nuttige commando's](#)

Nuttige commando's

WSL herstarten (via cmd of powershell)

```
wsl --shutdown
```

Daarna gewoon ubuntu (app) openen Daarna docker desktop herstarten, manueel of:

```
docker desktop restart
```

“ Cannot connect to the Docker daemon at unix:///var/run/docker.sock. Is the docker daemon running?

```
sudo dockerd
```

“ ERROR ==> configure: error: unrecognized options: --with-png, --with-jpeg, --with-freetype

```
docker-php-ext-configure gd --with-freetype-dir=/usr/include/ --with-png-dir=/usr/include/ --with-jpeg-dir=/usr/include/ --with-webp-dir=/usr/include/
```

docker herstarten in wsl2 (ubuntu)

```
sudo service docker start
```

docker stoppen in wsl2 (ubuntu)

```
sudo service docker stop
```

docker starten in wsl2 (ubuntu)

```
sudo dockerd
```

DOCKER error: no space left on device

```
quit docker desktop:  
wsl --shutdown  
(of als admin indien niet werkt)  
In powershell:
```

```
wsl.exe --shutdown  
Optimize-VHD -Path C:\ProgramData\DockerDesktop\vm-data\DockerDesktop.vhdx -Mode Full  
powershell ADMIN: wsl herstarten:  
Restart-Service LxssManager
```

docker updaten:

```
lando poweroff  
sudo apt-get install docker-ce docker-ce-cli containerd.io
```

alle docker volumes en images enz verwijderen

```
docker system prune -a --volumes
```

windows ssh key kopiëren naar WSL2

```
cp -r /mnt/c/Users/<username>/ .ssh ~/.ssh
```

zowel ubuntu als lando geen internet (ping retourneert niets)

```
sudo nano /etc/resolv.conf  
Remove line out the nameserver nameserver 17...  
add this new line nameserver 8.8.8.8  
ctrl + o and ctrl + x to write a quit  
sudo nano /etc/wsl.conf  
Paste the following in:  
[network]  
generateResolvConf = false  
ctrl + o and ctrl + x to write a quit  
close WSL and reopen (like in PowerShell):  
wsl --shutdown  
wsl
```

Vrije ruimte op Ubuntu nakijken (in Ubuntu zelf):

```
df -H
```

(Kijk naar /dev/sdc)

Vrije ruimte op Ubuntu/WSL2 nakijken (via PowerShell in Windows):

```
wsl.exe --system -d ubuntu df -h /mnt/wslg/distro
```

Locatie van .vhdx bestand vinden (via PowerShell in Windows):

```
(Get-ChildItem -Path HKCU:\Software\Microsoft\Windows\CurrentVersion\Lxss | Where-Object {
$_.GetValue("DistributionName") -eq 'ubuntu' }).GetValue("BasePath") + "\ext4.vhdx"
```

Opslagruimte van WSL2 vergroten (via CMD met admin privileges):

```
diskpart
```

```
Select vdisk
```

```
file="C:\Users\Joery.Lemmens\AppData\Local\Packages\CanonicalGroupLimited.UbuntuonWindows_79rh  
kp1fndgsc\LocalState\ext4.vhdx"
```

```
detail vdisk
```

```
expand vdisk maximum=<sizeInMegabytes>
```

```
exit
```

Daarna in Ubuntu:

```
sudo resize2fs /dev/sdc <sizeInMegabytes>M
```