

# Docker

## Portainer

### Upgrade Portainer

Run:

```
cd /workspace/Portainer/  
./portainer.sh
```

### portainer.sh

```
#!/bin/sh  
  
# From: https://rpi-wifi:8443/docker  
  
docker ps |grep portainer|awk '{print $1}'|xargs docker stop  
docker ps -a | grep portainer | awk '{print $1}' | xargs docker container rm  
docker image ls|grep portainer|awk '{print $3}'|xargs docker rmi  
docker run -d -p 8000:8000 -p 9000:9000 --name "Portainer" --restart always  
-v "/var/run/docker.sock:/var/run/docker.sock" -v portainer_data:/data  
portainer/portainer-ce:linux-arm  
<code>
```

Start **Portainer** instance with ability to manage local **Docker Desktop** for Windows.

<code>

```
C:\Users\Varimathras>docker run -d -p 8000:8000 -p 9000:9000 --name  
"Portainer" --restart always -v "/var/run/docker.sock:/var/run/docker.sock"  
portainer/portainer-ce
```

Start **Portainer** instance on **RPI**.

```
$ docker run -d -p 8000:8000 -p 9000:9000 --name "Portainer" --restart  
always -v "/var/run/docker.sock:/var/run/docker.sock" -v  
portainer_data:/data portainer/portainer-ce:linux-arm
```

## DokuWiki

### Upgrade DokuWiki

Run:

```
cd /workspace/Dokuwiki/  
./dokuwiki.sh
```

## dokuwiki.sh

```
#!/bin/sh  
  
# From: https://rpi-wifi:8443/docker  
  
docker ps |grep dokuwiki|awk '{print $1}'|xargs docker stop  
docker ps -a | grep dokuwiki | awk '{print $1}' | xargs docker container rm  
docker image ls|grep dokuwiki|awk '{print $3}'|xargs docker rmi  
docker-compose build; docker-compose up -d
```

## Start on boot

```
$ sudo nano /lib/systemd/system/docker.service
```

```
After=media-usb.mount media-ssd.mount  
Requires=media-usb.mount media-ssd.mount
```

From “unit files”:

```
$ sudo systemctl list-unit-files|grep mount
```

```
media-ssd.mount  
generated -  
media-usb.mount  
generated -
```

Matching mount points:

```
$ df -kh  
Filesystem      Size  Used Avail Use% Mounted on  
/dev/sda1       361G   85G  258G  25% /media/ssd  
/dev/sdb1       7.3G   1.3G  5.7G  18% /media/usb
```

## References

[How to change the timezone in XEAMS](#)

[Delay docker startup until all shared folders is mounted #458](#)

[How To Use Systemctl to Manage Systemd Services and Units](#)

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