Home Automation Stack

Requirements

- docker
- docker-compose

Installation raspberrypi

System Update

```
1    sudo apt-get update
2    sudo apt-get upgrade
```

Raspberry Config

```
1    sudo raspi-config
2    sudo reboot
```

Intall additional packages

```
1    sudo apt-get install wget git apt-transport-https vim telnet
```

Install docker

```
1    curl -sSL https://get.docker.com | sh
2    sudo systemctl enable docker
3    sudo systemctl start docker
4    sudo usermod -aG docker pi
```

git repository export

```
1    cd
2    git clone https://github.com/stormmurdoc/fhemdocker.git
3    cd fhemdocker
```
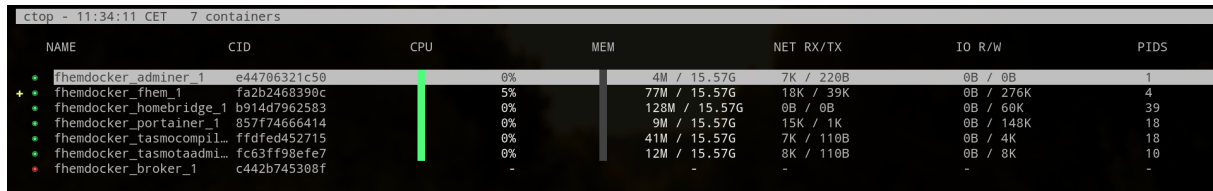
Installation docker compose

```
1    sudo apt-get install python-pip
2    sudo pip install docker-compose
```

ctop

Description

ctop is a commandline monitoring tool for linux containers

Abbildung 1: "ctop"

Installation

ctop is available in AUR, so you can install it using AUR helpers, such as YaY, in Arch Linux and its variants such as Antergos and Manjaro Linux.

```
1   sudo wget https://github.com/bcicen/ctop/releases/download/v0.7.3/
        ctop-0.7.3-linux-amd64 -O /usr/local/bin/ctop
2   sudo chmod +x /usr/local/bin/ctop
```