HOW TO install all required libraries for our human detection system?

1. Sudo apt-get install git cmake
2. Git clone <https://github.com/dusty-nv/jetson-inference>
3. Cd jetson-inference
4. Git submodule update --init
5. Sudo apt-get install libpython3-dev python3-numpy
6. Mkdir build
7. Cd build
8. Cmake ../
9. Choose SSD-MobileNet-V2 and Pedn-Net
10. No when it asks for Pytorch

To download a model afterwards, cd jetson-inference/tools  
./download-models.sh

1. Sudo make install
2. Run our custom code

Thermal camera

1. Sudo pip3 install matplotlib scipy numpy
2. Sudo apt-get install -y python-smbus
3. Sudo apt-get install -y i2c-tools
4. Sudo reboot now
5. Sudo i2cdetect -y 1
6. Result should look like this

Afbeelding met tekst

Automatisch gegenereerde beschrijving

1. Sudo pip3 install RPI.GPIO adafruit-blinka
2. Sudo pip3 install adafruit-circuitpython-mlx90640
3. Sudo apt-get install idle3