Install GetThermal from scratch (out of box) on Pi 3B+ (Raspian / Stetch). 11/02/19

1. **Update (and upgrade ?)**

sudo apt-get update

sudo apt-get upgrade

1. **Enable OpenGL**

sudo raspi-config

Select "Advanced Options"

Select "GL Driver"

Select "GL (Full KMS) OpenGL desktop driver with full KMS"

Select "ok"

Select "Finish"

sudo reboot

1. **Get necessary libraries including QT**

sudo apt-get install qt5-default

sudo apt-get install qtmultimedia5-dev

sudo apt-get install qtdeclarative5-dev

sudo apt-get install qml-module-qtquick-controls2

sudo apt-get install qml-module-qtmultimedia

sudo apt-get install qml-module-qtquick-layouts

sudo apt-get install qml-module-qtquick-window2

sudo apt-get install qml-module-qtquick-templates2

sudo apt-get install qml-module-qtgraphicaleffects

sudo apt-get install libusb-1.0-0-dev cmake git

1. **Clone**

git clone https://github.com/groupgets/GetThermal.git

cd GetThermal

git submodule update --init

1. **Build libuvc**

cd libuvc

mkdir build

cd build

cmake ..

make

cd ../..

1. **Build GetThermal**

mkdir build

cd build

qmake ..

make