

```
source /opt/ros/melodic/setup.bash
mkdir -p ~/catkin_ws/src
cd ~/catkin_ws/
catkin build
```

dans src du catkin :

```
cd src
git clone https://github.com/KumarRobotics/bluefox2.git
git clone https://github.com/KumarRobotics/camera_base.git
```

dans install du dossier bluefox 2:

```
cd bluefox2/install
rm install.bash
y mettre le install et les drivers correspondant à l'architecture
(https://www.matrix-vision.com/USB2.0-single-board-camera-mvbluefox-mlc.html?camer
a=mvBlueFOX-MLC200wG&col=1&row=cmos)
chmod 777 install_mvBlueFOX.sh
./install_mvBlueFOX.sh
```

redémarrer

lancer :

```
source devel/setup.bash
catkin build
roscore
roslaunch bluefox2 single_node.launch device:=25001581
rviz et add le topic de la camera
```

Implémentation sur Jetson Nano

Test driver 32 bit armhf, erreur suivante

```
Errors    << bluefox2:make /home/jetson/catkin_ws/logs/bluefox2/build.make.021.log
/opt/mvIMPACT_Acquire/lib/armhf/libmvBlueFOX.so: error adding symbols: File in wrong format
collect2: error: ld returned 1 exit status
make[2]: *** [/home/jetson/catkin_ws/devel/.private/bluefox2/lib/libbluefox2.so] Error 1
make[1]: *** [src/CMakeFiles/bluefox2.dir/all] Error 2
make: *** [all] Error 2
```

Problème avec le driver ARM 64 bit

Erreur avec librairies, modifier ~/catkin_ws/src/bluefox2/cmake/FindmvIMPACT.cmake et mettre

le lien en dur de /opt/mvIMPACT_Acquire/lib/arm64