

# gstreamer

debug

```
mkdir ./tmp
export GST_DEBUG_DUMP_DOT_DIR=./tmp/

# ... run pipeline

cd tmp
dot -Tpng x.xx.xx.xxxxxxxxx-gst-launch.F00.dot > graph.png
```

show usb camera

```
gst-launch-1.0 v4l2src device=/dev/video0 ! xvimagesink
```

rtsp client

```
gst-launch-1.0 \
  rtspsrc location=rtsp://foscaml@192.168.2.14:554/videoMain !
  rtph264depay \
  ! h264parse ! avdec_h264 \
  ! videoconvert ! xvimagesink
```

hardware decode

```
F=videos/traffico01-1152x720-1610kb.mkv
gst-launch-1.0 filesrc location=$F ! matroskademux ! queue ! h264parse !
omxh264dec ! autovideoconvert ! xvimagesink
```

hardware encode

```
... ! videoconvert ! omxh264enc ! matroskamux ! filesink location=test.mkv
```

## ocam camera

```
ffplay -f video4linux2 -s 640x480 -i /dev/video0
```

```
Stream #0:0: Video: rawvideo ([186]GR[8] / 0x85247BA), bayer_grbg8, 640x480,
245760 kb/s, 100 fps, 100 tbr, 1000k tbn, 1000k tbc
```

TODO no

```
gst-launch-1.0 v4l2src ! 'video/x-
bayer,width=1280,height=720,framerate=30/1,format=grbg' ! queue ! fakesink
```

From:  
<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:  
<https://wiki.csgalileo.org/tips/gstreamer?rev=1563031148>

Last update: **2019/07/13 17:19**

