

# gstreamer

## debug

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

# ... run pipeline

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

## show usb camera

```
gst-launch-1.0 v4l2src ! xvimagesink
```

## rtsp client

```
gst-launch-1.0 \
  rtspsrc location=rtsp://foscam:foscam1@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
```

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