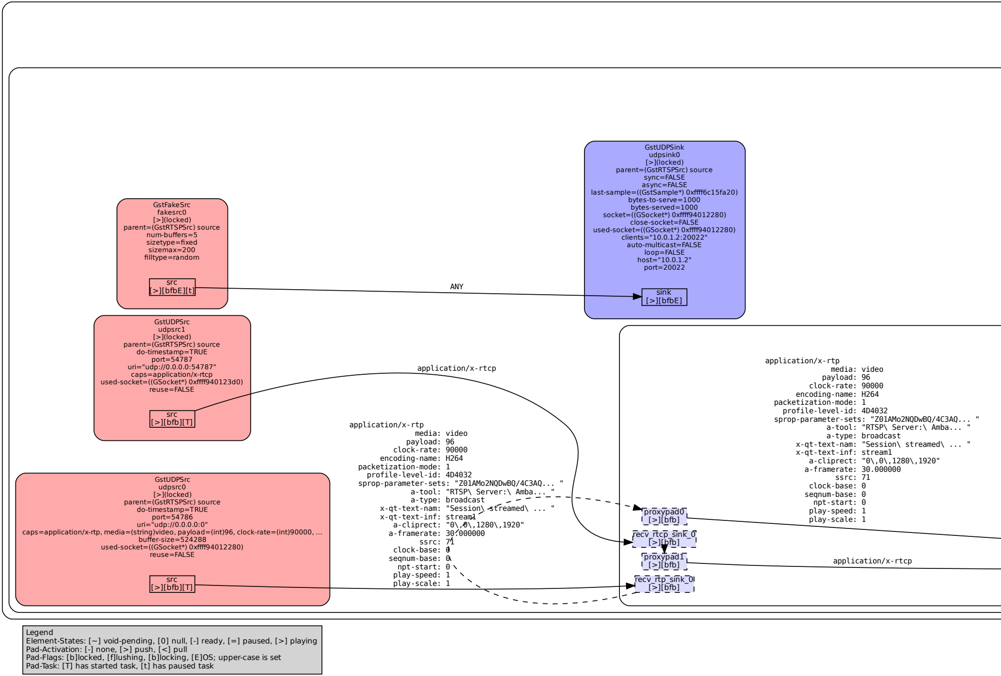
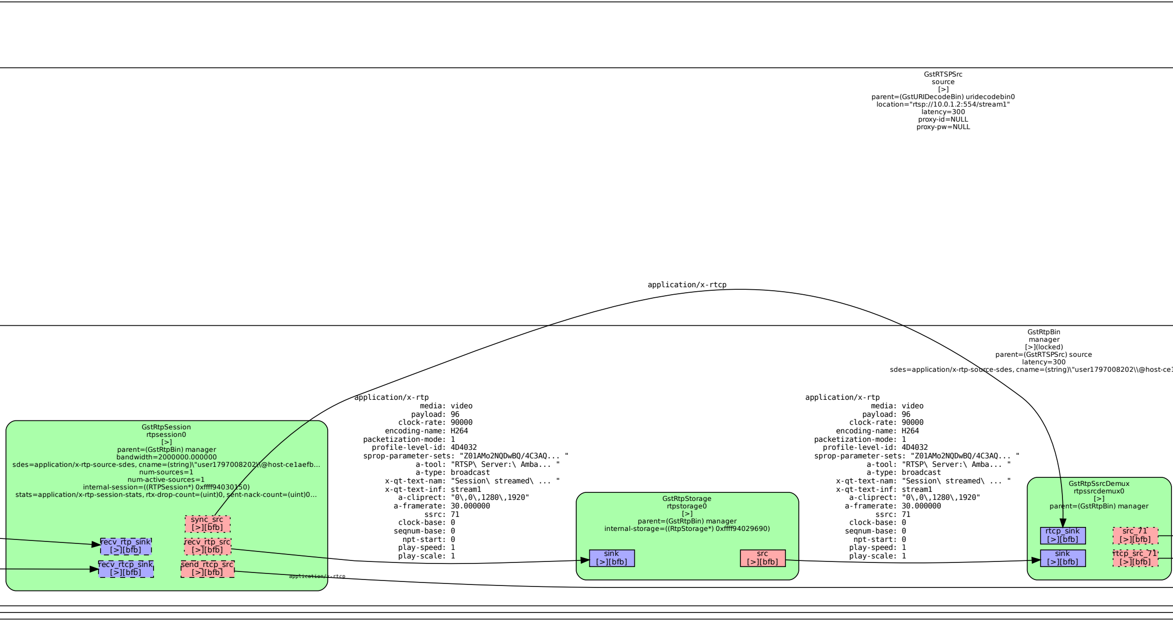
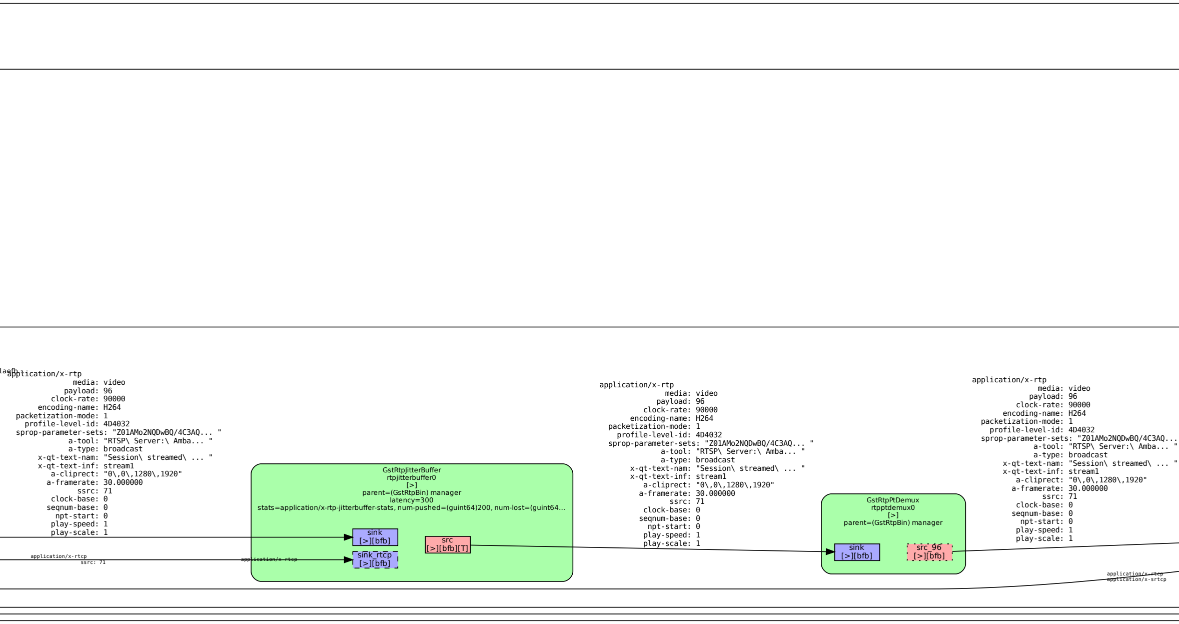
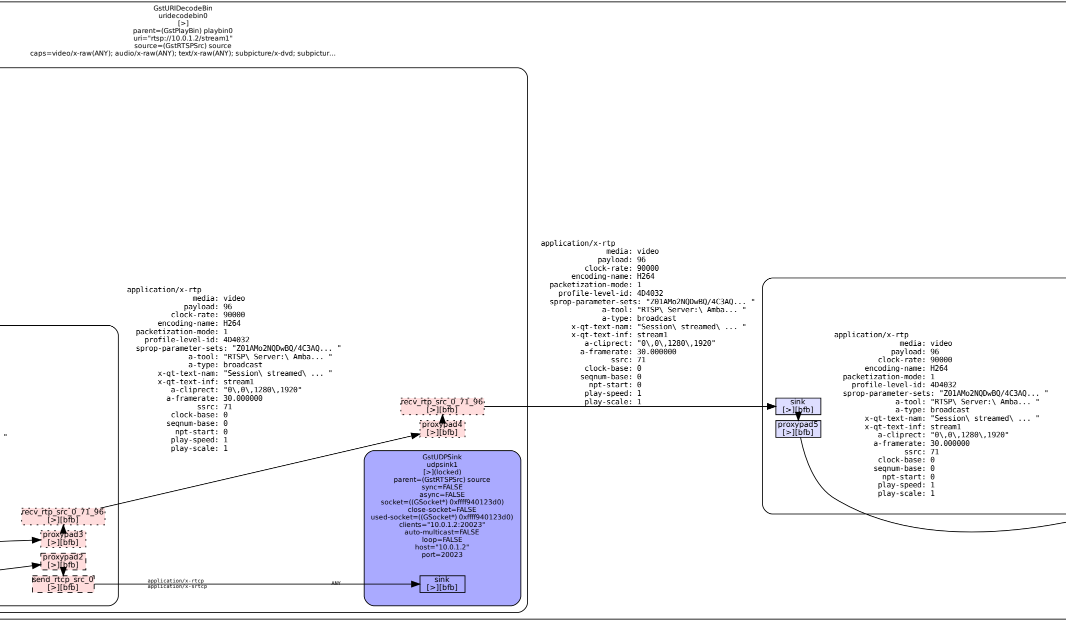
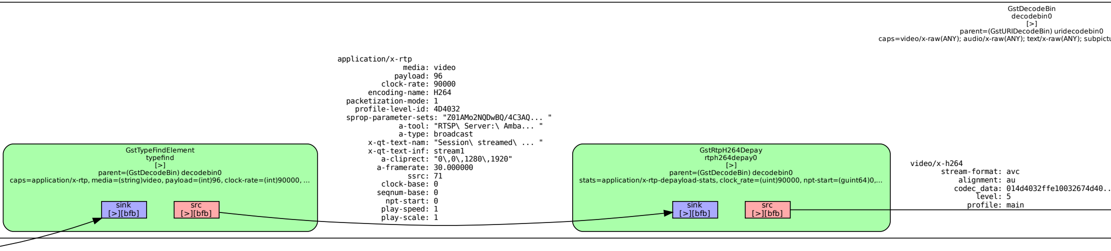
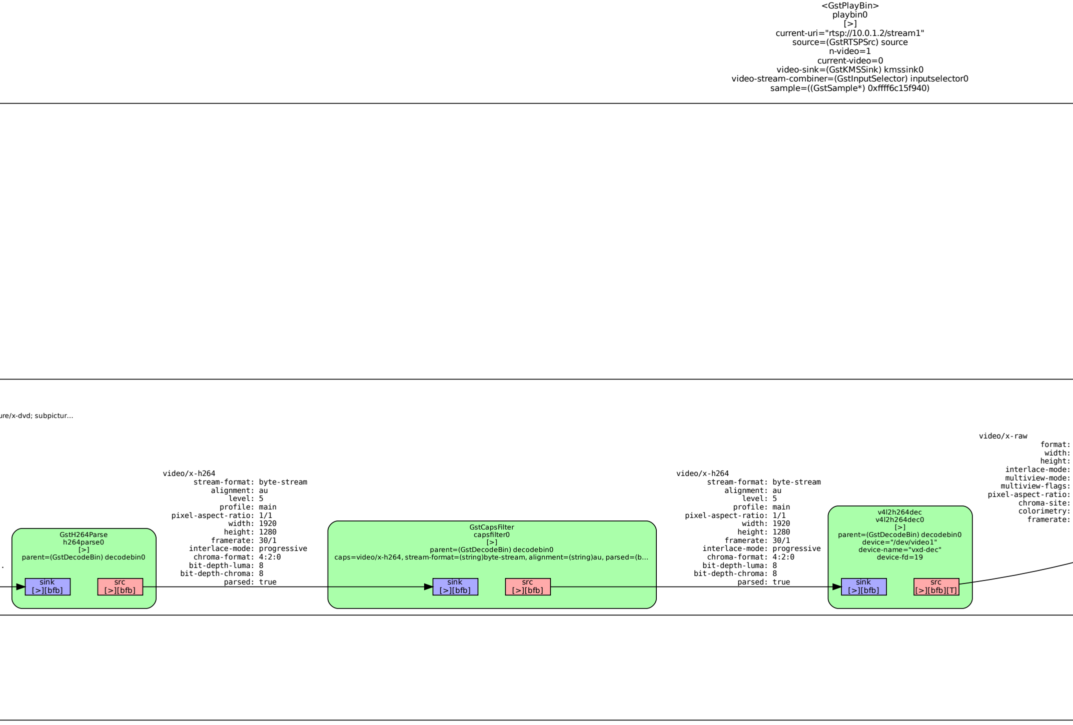

GstFakeSrc
fakesrc0
[>](locked)
parent=(GstRTSPSrc) source
num-buffers=5
sizetype=fixed
sizemax=200
filltype=random
src
[>][bfbE][t]
ANY
GstUDPSink
udpsink0
[>](locked)
parent=(GstRTSPSrc) source
sync=FALSE
async=FALSE
last-sample=((GstSample*) 0xffff6c15fa20)
bytes-to-serve=1000
bytes-served=1000
socket=((GSocket*) 0xffff94012280)
close-socket=FALSE
used-socket=((GSocket*) 0xffff94012280)
clients="10.0.1.2:20022"
auto-multicast=FALSE
loop=FALSE
host="10.0.1.2"
port=20022
sink
[>][bfbE]
GstUDPSrc
udpsrc1
[>](locked)
parent=(GstRTSPSrc) source
do-timestamp=TRUE
port=54787
uri="udp://0.0.0.0:54787"
caps=application/x-rtcp
used-socket=((GSocket*) 0xffff940123d0)
reuse=FALSE
src
[>][bfb][T]
application/x-rtcp
GstUDPSrc
udpsrc0
[>](locked)
parent=(GstRTSPSrc) source
do-timestamp=TRUE
port=54786
uri="udp://0.0.0.0:0"
caps=application/x-rtp, media=(string)video, payload=(int)96, clock-rate=(int)90000, ...
buffer-size=524288
used-socket=((GSocket*) 0xffff94012280)
reuse=FALSE
src
[>][bfb][T]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
proxypad0
[>][bfb]
recv_rtcp_sink_0
[>][bfb]
proxypad1
[>][bfb]
recv_rtp_sink_0
[>][bfb]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
application/x-rtcp
Legend
Element-States: [~] void-pending, [0] null, [-] ready, [=] paused, [>] playing
Pad-Activation: [-] none, [>] push, [<] pull
Pad-Flags: [b]locked, [f]lushing, [b]locking, [E]OS; upper-case is set
Pad-Task: [T] has started task, [t] has paused task

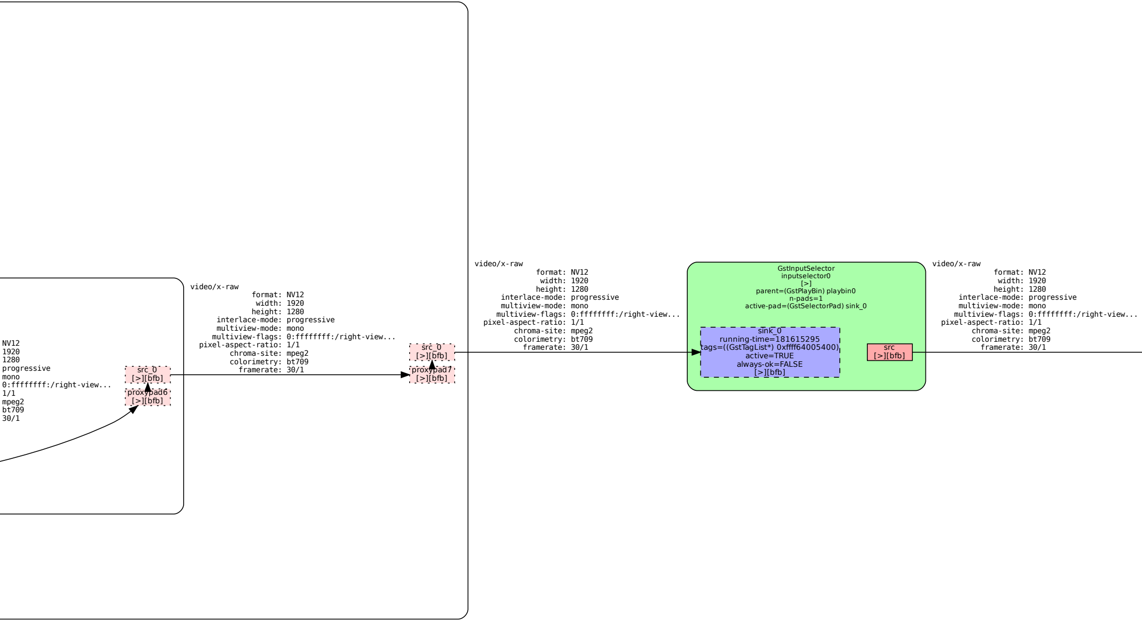

GstRTSPSrc
source
[>]
parent=(GstURIDecodeBin) uridecodebin0
location="rtsp://10.0.1.2:554/stream1"
latency=300
proxy-id=NULL
proxy-pw=NULL
application/x-rtcp
GstRtpBin
manager
[>](locked)
parent=(GstRTSPSrc) source
latency=300
sdes=application/x-rtp-source-sdes, cname=(string)\"user1797008202\\@host-ce
GstRtpSession
rtpsession0
[>]
parent=(GstRtpBin) manager
bandwidth=2000000.000000
sdes=application/x-rtp-source-sdes, cname=(string)\"user1797008202\\@host-ce1aefb...
num-sources=1
num-active-sources=1
internal-session=((RTPSession*) 0xffff94030150)
stats=application/x-rtp-session-stats, rtx-drop-count=(uint)0, sent-nack-count=(uint)0...
sync_src
[>][bfb]
recv_rtp_sink
[>][bfb]
recv_rtp_src
[>][bfb]
recv_rtcp_sink
[>][bfb]
send_rtcp_src
[>][bfb]
application/x-rtcp
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
GstRtpStorage
rtpstorage0
[>]
parent=(GstRtpBin) manager
internal-storage=((RtpStorage*) 0xffff94029690)
sink
[>][bfb]
src
[>][bfb]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
GstRtpSsrcDemux
rtpssrcdemux0
[>]
parent=(GstRtpBin) manager
rtcp_sink
[>][bfb]
src_71
[>][bfb]
sink
[>][bfb]
rtcp_src_71
[>][bfb]

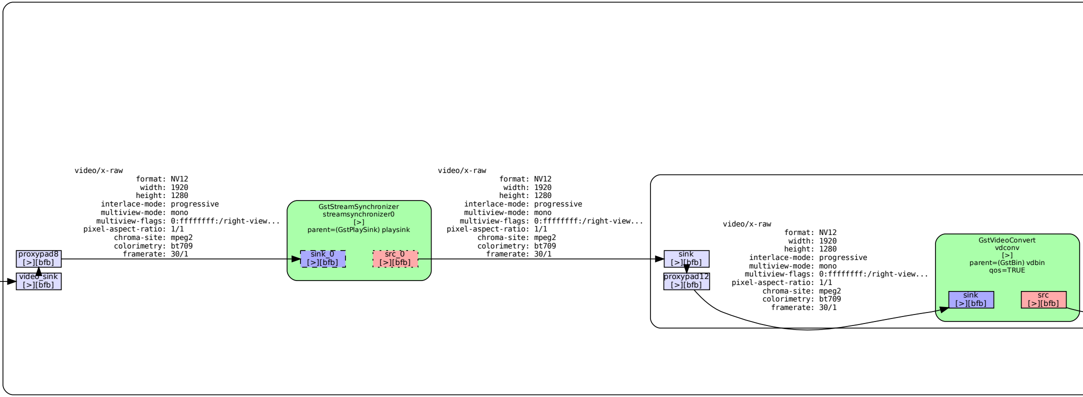

laefb
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
application/x-rtcp
ssrc: 71
application/x-rtcp
GstRtpJitterBuffer
rtpjitterbuffer0
[>]
parent=(GstRtpBin) manager
latency=300
stats=application/x-rtp-jitterbuffer-stats, num-pushed=(guint64)200, num-lost=(guint64...
sink
[>][bfb]
sink_rtcp
[>][bfb]
src
[>][bfb][T]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
GstRtpPtDemux
rtpptdemux0
[>]
parent=(GstRtpBin) manager
sink
[>][bfb]
src_96
[>][bfb]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ...
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
application/x-rtcp
application/x-srtcp

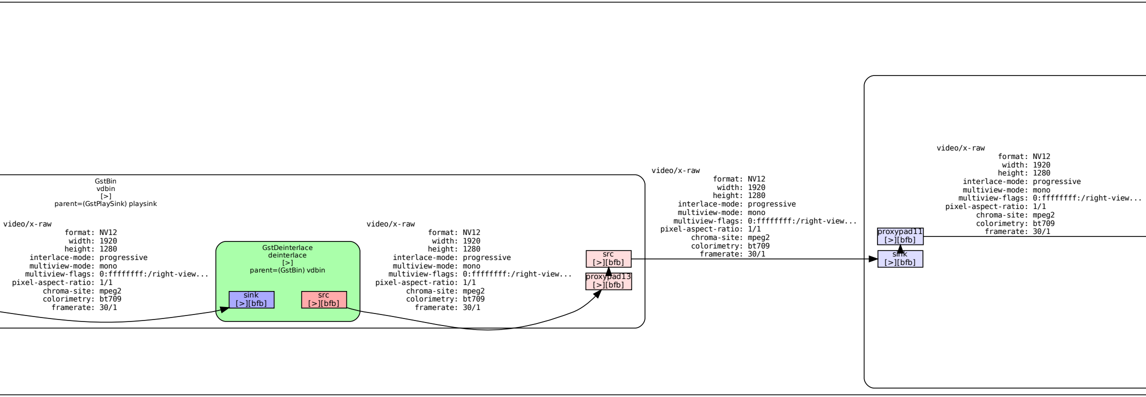

GstURIDecodeBin
uridecodebin0
[>]
parent=(GstPlayBin) playbin0
uri="rtsp://10.0.1.2/stream1"
source=(GstRTSPSrc) source
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpicture/x-dvd; subpictur...
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
"
recv_rtp_src_0_71_96
[>][bfb]
proxypad3
[>][bfb]
proxypad2
[>][bfb]
send_rtcp_src_0
[>][bfb]
application/x-rtcp
application/x-srtcp
ANY
recv_rtp_src_0_71_96
[>][bfb]
proxypad4
[>][bfb]
GstUDPSink
udpsink1
[>](locked)
parent=(GstRTSPSrc) source
sync=FALSE
async=FALSE
socket=((GSocket*) 0xffff940123d0)
close-socket=FALSE
used-socket=((GSocket*) 0xffff940123d0)
clients="10.0.1.2:20023"
auto-multicast=FALSE
loop=FALSE
host="10.0.1.2"
port=20023
sink
[>][bfb]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
sink
[>][bfb]
proxypad5
[>][bfb]
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1

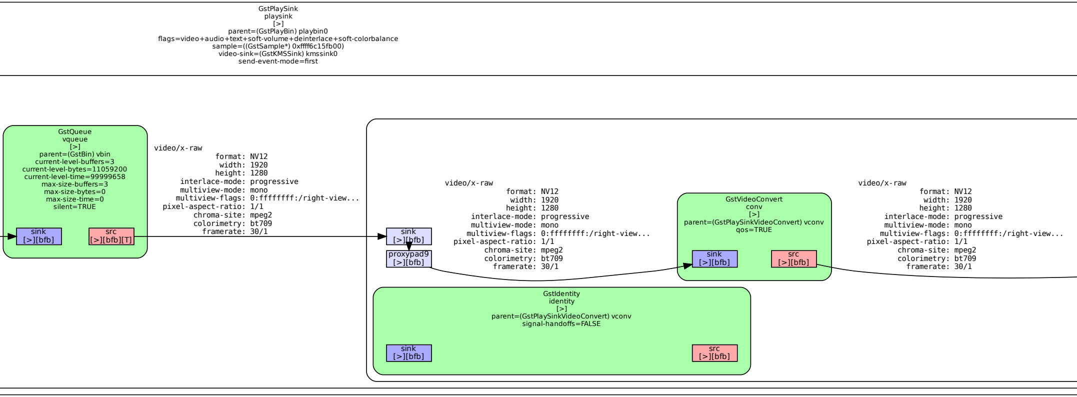

GstDecodeBin
decodebin0
[>]
parent=(GstURIDecodeBin) uridecodebin0
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpictu
application/x-rtp
media: video
payload: 96
clock-rate: 90000
encoding-name: H264
packetization-mode: 1
profile-level-id: 4D4032
sprop-parameter-sets: "Z01AMo2NQDwBQ/4C3AQ... "
a-tool: "RTSP\ Server:\ Amba... "
a-type: broadcast
x-qt-text-nam: "Session\ streamed\ ... "
x-qt-text-inf: stream1
a-cliprect: "0\,0\,1280\,1920"
a-framerate: 30.000000
ssrc: 71
clock-base: 0
seqnum-base: 0
npt-start: 0
play-speed: 1
play-scale: 1
GstTypeFindElement
typefind
[>]
parent=(GstDecodeBin) decodebin0
caps=application/x-rtp, media=(string)video, payload=(int)96, clock-rate=(int)90000, ...
sink
[>][bfb]
src
[>][bfb]
GstRtpH264Depay
rtph264depay0
[>]
parent=(GstDecodeBin) decodebin0
stats=application/x-rtp-depayload-stats, clock_rate=(uint)90000, npt-start=(guint64)0,...
sink
[>][bfb]
src
[>][bfb]
video/x-h264
stream-format: avc
alignment: au
codec_data: 014d4032ffe10032674d40..
level: 5
profile: main

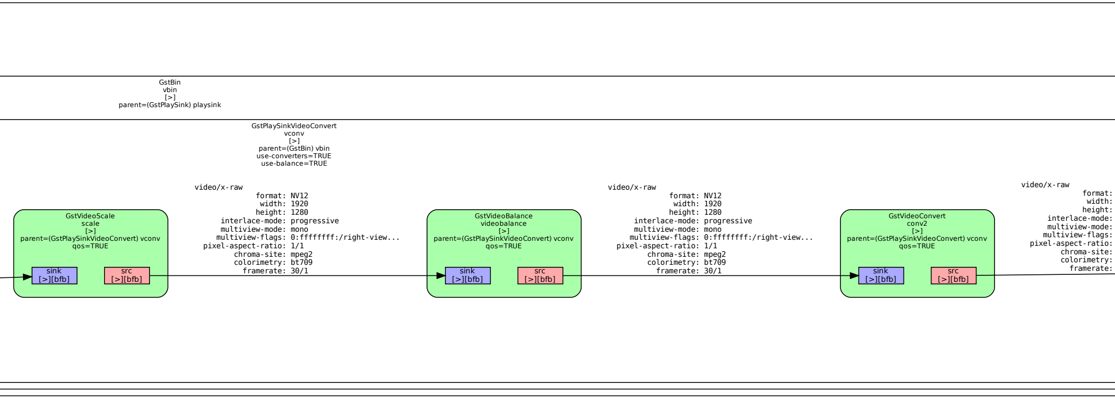

<GstPlayBin>
playbin0
[>]
current-uri="rtsp://10.0.1.2/stream1"
source=(GstRTSPSrc) source
n-video=1
current-video=0
video-sink=(GstKMSSink) kmssink0
video-stream-combiner=(GstInputSelector) inputselector0
sample=((GstSample*) 0xffff6c15f940)
ure/x-dvd; subpictur...
GstH264Parse
h264parse0
[>]
parent=(GstDecodeBin) decodebin0
sink
[>][bfb]
src
[>][bfb]
video/x-h264
stream-format: byte-stream
alignment: au
level: 5
profile: main
pixel-aspect-ratio: 1/1
width: 1920
height: 1280
framerate: 30/1
interlace-mode: progressive
chroma-format: 4:2:0
bit-depth-luma: 8
bit-depth-chroma: 8
parsed: true
GstCapsFilter
capsfilter0
[>]
parent=(GstDecodeBin) decodebin0
caps=video/x-h264, stream-format=(string)byte-stream, alignment=(string)au, parsed=(b...
sink
[>][bfb]
src
[>][bfb]
video/x-h264
stream-format: byte-stream
alignment: au
level: 5
profile: main
pixel-aspect-ratio: 1/1
width: 1920
height: 1280
framerate: 30/1
interlace-mode: progressive
chroma-format: 4:2:0
bit-depth-luma: 8
bit-depth-chroma: 8
parsed: true
v4l2h264dec
v4l2h264dec0
[>]
parent=(GstDecodeBin) decodebin0
device="/dev/video1"
device-name="vxd-dec"
device-fd=19
sink
[>][bfb]
src
[>][bfb][T]
video/x-raw
format:
width:
height:
interlace-mode:
multiview-mode:
multiview-flags:
pixel-aspect-ratio:
chroma-site:
colorimetry:
framerate:

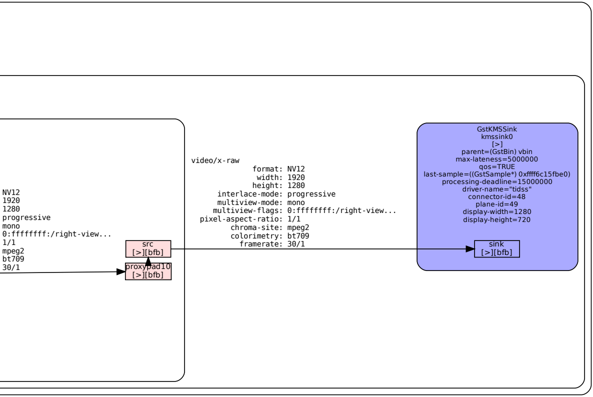

NV12
1920
1280
progressive
mono
0:ffffffff:/right-view...
1/1
mpeg2
bt709
30/1
src_0
[>][bfb]
proxypad6
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
src_0
[>][bfb]
proxypad7
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstInputSelector
inputselector0
[>]
parent=(GstPlayBin) playbin0
n-pads=1
active-pad=(GstSelectorPad) sink_0
sink_0
running-time=181615295
tags=((GstTagList*) 0xffff64005400)
active=TRUE
always-ok=FALSE
[>][bfb]
src
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1


video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
proxypad8
[>][bfb]
video_sink
[>][bfb]
GstStreamSynchronizer
streamsynchronizer0
[>]
parent=(GstPlaySink) playsink
sink_0
[>][bfb]
src_0
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
sink
[>][bfb]
proxypad12
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstVideoConvert
vdconv
[>]
parent=(GstBin) vdbin
qos=TRUE
sink
[>][bfb]
src
[>][bfb]


GstBin
vdbin
[>]
parent=(GstPlaySink) playsink
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstDeinterlace
deinterlace
[>]
parent=(GstBin) vdbin
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
src
[>][bfb]
proxypad13
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
proxypad11
[>][bfb]
sink
[>][bfb]


GstPlaySink
playsink
[>]
parent=(GstPlayBin) playbin0
flags=video+audio+text+soft-volume+deinterlace+soft-colorbalance
sample=((GstSample*) 0xffff6c15fb00)
video-sink=(GstKMSSink) kmssink0
send-event-mode=first
GstQueue
vqueue
[>]
parent=(GstBin) vbin
current-level-buffers=3
current-level-bytes=11059200
current-level-time=99999658
max-size-buffers=3
max-size-bytes=0
max-size-time=0
silent=TRUE
sink
[>][bfb]
src
[>][bfb][T]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
sink
[>][bfb]
proxypad9
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstVideoConvert
conv
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstIdentity
identity
[>]
parent=(GstPlaySinkVideoConvert) vconv
signal-handoffs=FALSE
sink
[>][bfb]
src
[>][bfb]


GstBin
vbin
[>]
parent=(GstPlaySink) playsink
GstPlaySinkVideoConvert
vconv
[>]
parent=(GstBin) vbin
use-converters=TRUE
use-balance=TRUE
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstVideoScale
scale
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstVideoBalance
videobalance
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format:
width:
height:
interlace-mode:
multiview-mode:
multiview-flags:
pixel-aspect-ratio:
chroma-site:
colorimetry:
framerate:
GstVideoConvert
conv2
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]


NV12
1920
1280
progressive
mono
0:ffffffff:/right-view...
1/1
mpeg2
bt709
30/1
src
[>][bfb]
proxypad10
[>][bfb]
video/x-raw
format: NV12
width: 1920
height: 1280
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 30/1
GstKMSSink
kmssink0
[>]
parent=(GstBin) vbin
max-lateness=5000000
qos=TRUE
last-sample=((GstSample*) 0xffff6c15fbe0)
processing-deadline=15000000
driver-name="tidss"
connector-id=48
plane-id=49
display-width=1280
display-height=720
sink
[>][bfb]