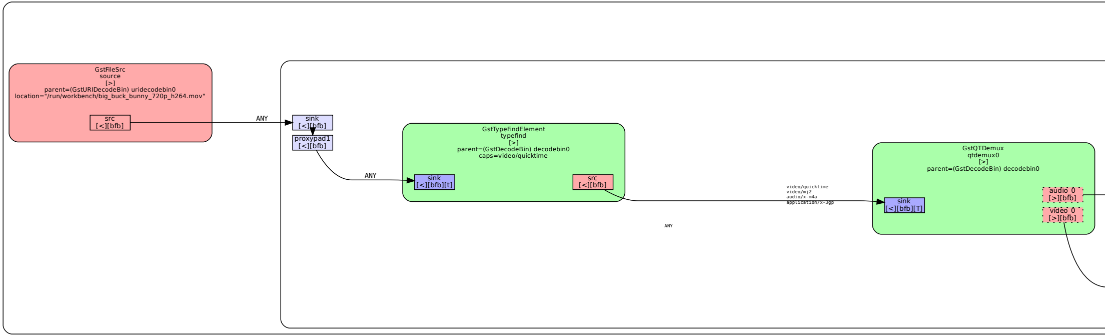
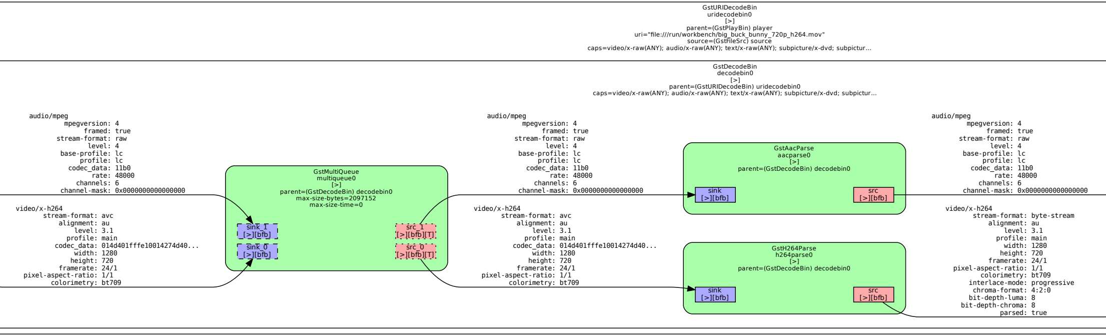
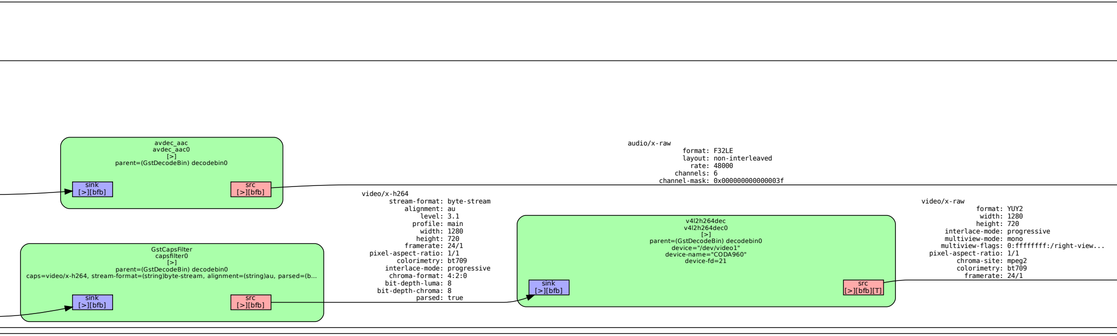
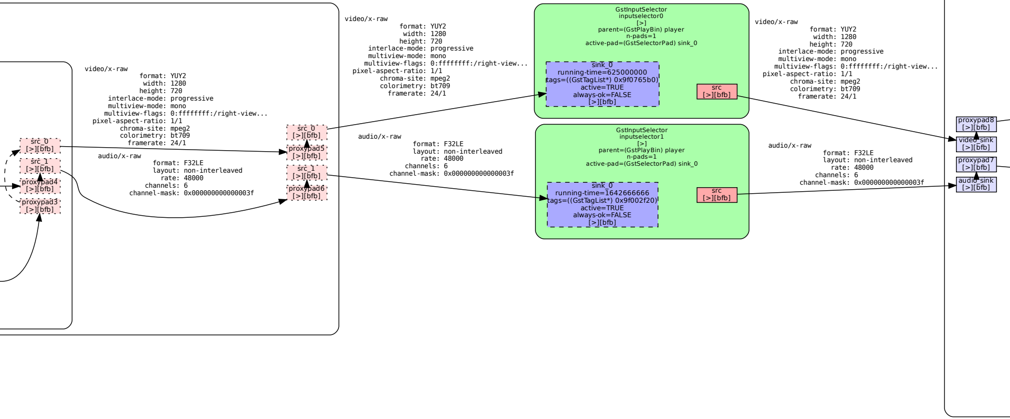
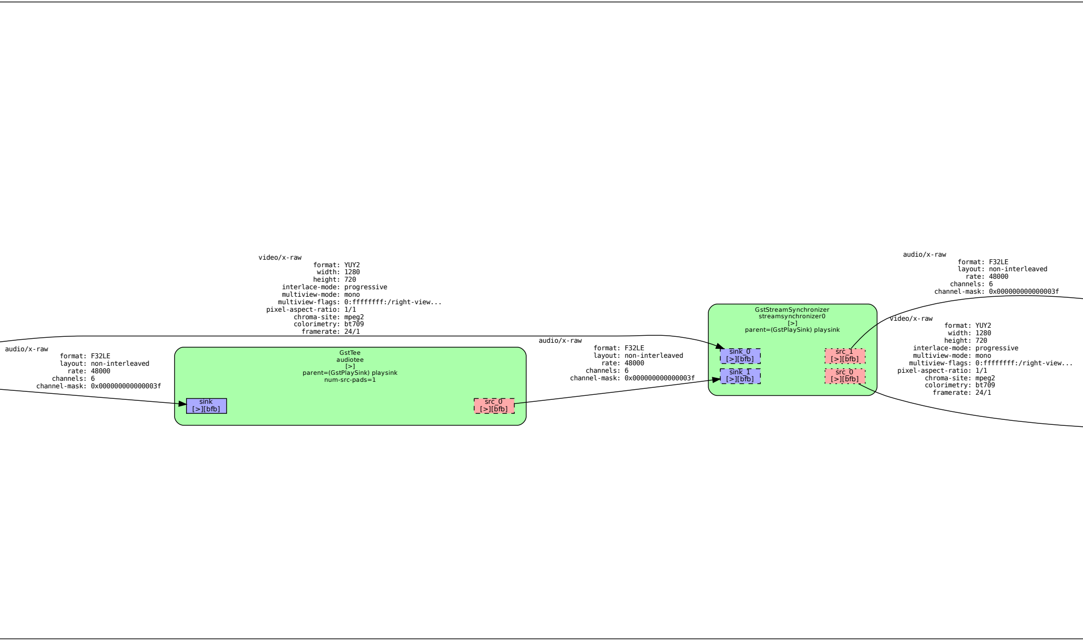

GstFileSrc
source
[>]
parent=(GstURIDecodeBin) uridecodebin0
location="/run/workbench/big_buck_bunny_720p_h264.mov"
src
[<][bfb]
ANY
sink
[<][bfb]
proxypad1
[<][bfb]
ANY
GstTypeFindElement
typefind
[>]
parent=(GstDecodeBin) decodebin0
caps=video/quicktime
sink
[<][bfb][t]
src
[<][bfb]
video/quicktime
video/mj2
audio/x-m4a
application/x-3gp
ANY
GstQTDemux
qtdemux0
[>]
parent=(GstDecodeBin) decodebin0
sink
[<][bfb][T]
audio_0
[>][bfb]
video_0
[>][bfb]

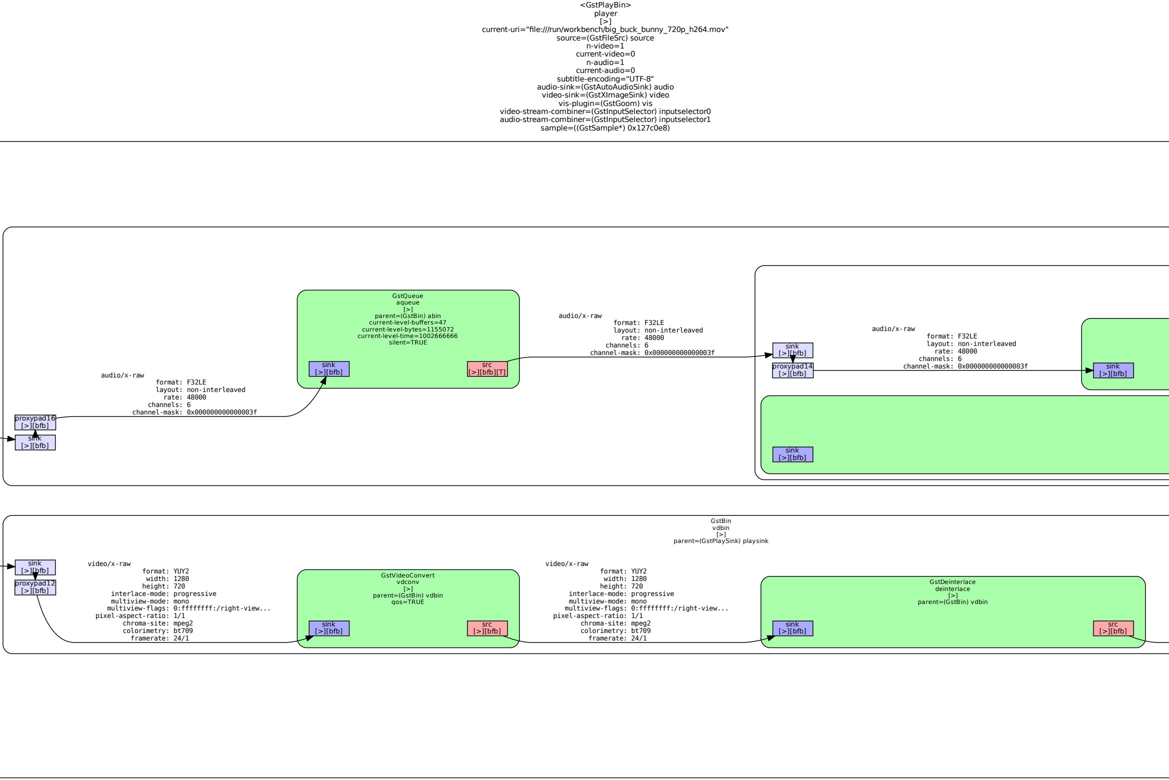
Legend
Element-States: [~] void-pending, [0] null, [-] ready, [=] paused, [>] playing
Pad-Activation: [-] none, [>] push, [<] pull
Pad-Flags: [b]locked, [f]lushing, [b]locking, [E]OS; upper-case is set
Pad-Task: [T] has started task, [t] has paused task

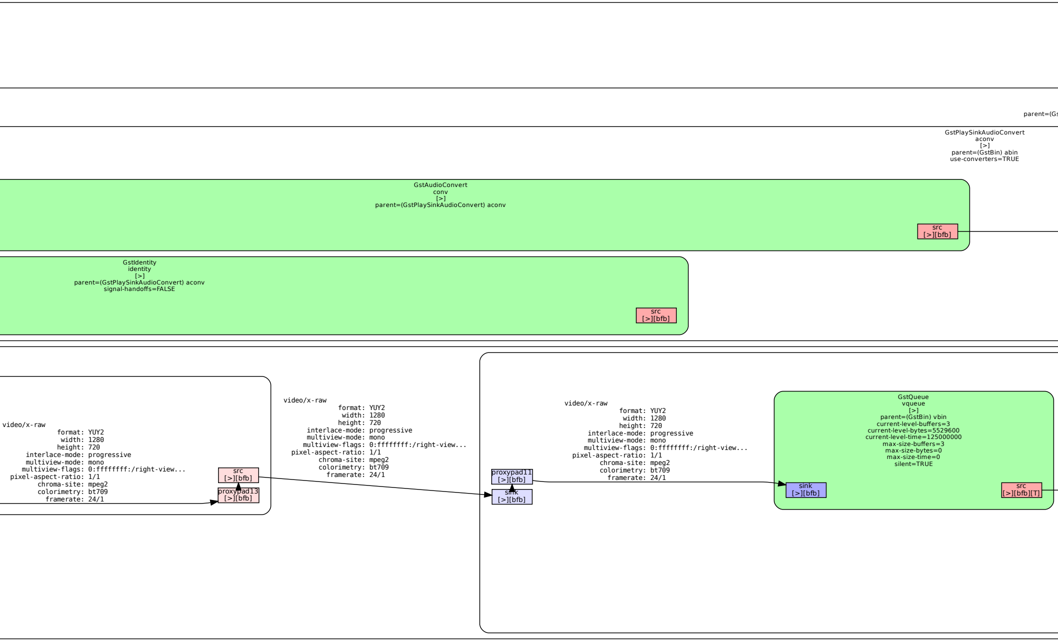

GstURIDecodeBin
uridecodebin0
[>]
parent=(GstPlayBin) player
uri="file:///run/workbench/big_buck_bunny_720p_h264.mov"
source=(GstFileSrc) source
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpicture/x-dvd; subpictur...
GstDecodeBin
decodebin0
[>]
parent=(GstURIDecodeBin) uridecodebin0
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpicture/x-dvd; subpictur...
audio/mpeg
mpegversion: 4
framed: true
stream-format: raw
level: 4
base-profile: lc
profile: lc
codec_data: 11b0
rate: 48000
channels: 6
channel-mask: 0x0000000000000000
video/x-h264
stream-format: avc
alignment: au
level: 3.1
profile: main
codec_data: 014d401fffe10014274d40...
width: 1280
height: 720
framerate: 24/1
pixel-aspect-ratio: 1/1
colorimetry: bt709
GstMultiQueue
multiqueue0
[>]
parent=(GstDecodeBin) decodebin0
max-size-bytes=2097152
max-size-time=0
sink_1
[>][bfb]
sink_0
[>][bfb]
src_1
[>][bfb][T]
src_0
[>][bfb][T]
audio/mpeg
mpegversion: 4
framed: true
stream-format: raw
level: 4
base-profile: lc
profile: lc
codec_data: 11b0
rate: 48000
channels: 6
channel-mask: 0x0000000000000000
video/x-h264
stream-format: avc
alignment: au
level: 3.1
profile: main
codec_data: 014d401fffe10014274d40...
width: 1280
height: 720
framerate: 24/1
pixel-aspect-ratio: 1/1
colorimetry: bt709
GstAacParse
aacparse0
[>]
parent=(GstDecodeBin) decodebin0
sink
[>][bfb]
src
[>][bfb]
GstH264Parse
h264parse0
[>]
parent=(GstDecodeBin) decodebin0
sink
[>][bfb]
src
[>][bfb]
audio/mpeg
mpegversion: 4
framed: true
stream-format: raw
level: 4
base-profile: lc
profile: lc
codec_data: 11b0
rate: 48000
channels: 6
channel-mask: 0x0000000000000000
video/x-h264
stream-format: byte-stream
alignment: au
level: 3.1
profile: main
width: 1280
height: 720
framerate: 24/1
pixel-aspect-ratio: 1/1
colorimetry: bt709
interlace-mode: progressive
chroma-format: 4:2:0
bit-depth-luma: 8
bit-depth-chroma: 8
parsed: true

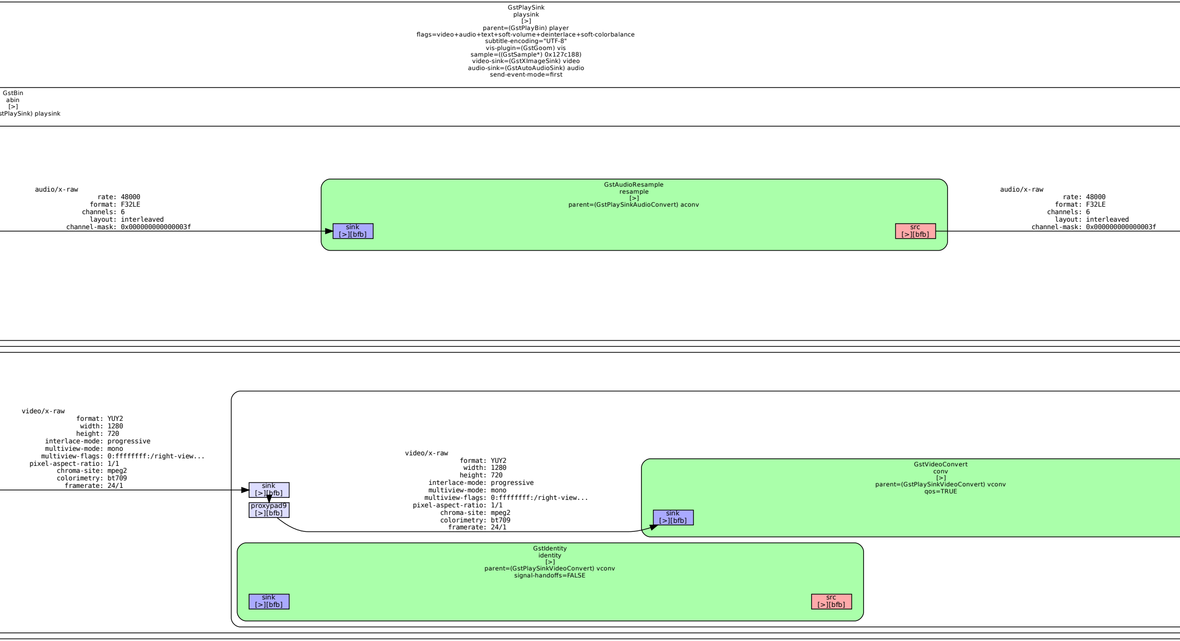

avdec_aac
avdec_aac0
[>]
parent=(GstDecodeBin) decodebin0
sink
[>][bfb]
src
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
video/x-h264
stream-format: byte-stream
alignment: au
level: 3.1
profile: main
width: 1280
height: 720
framerate: 24/1
pixel-aspect-ratio: 1/1
colorimetry: bt709
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]
v4l2h264dec
v4l2h264dec0
[>]
parent=(GstDecodeBin) decodebin0
device="/dev/video1"
device-name="CODA960"
device-fd=21
sink
[>][bfb]
src
[>][bfb][T]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1

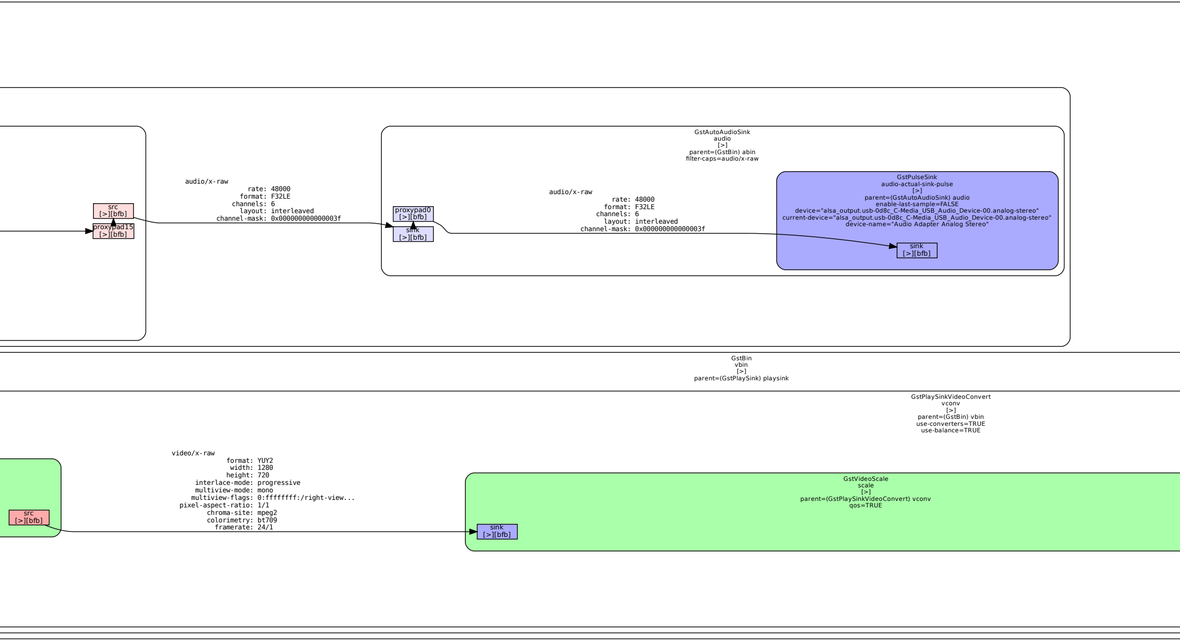

src_0
[>][bfb]
src_1
[>][bfb]
proxypad4
[>][bfb]
proxypad3
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
src_0
[>][bfb]
proxypad5
[>][bfb]
src_1
[>][bfb]
proxypad6
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
GstInputSelector
inputselector0
[>]
parent=(GstPlayBin) player
n-pads=1
active-pad=(GstSelectorPad) sink_0
sink_0
running-time=625000000
tags=((GstTagList*) 0x9f0765b0)
active=TRUE
always-ok=FALSE
[>][bfb]
src
[>][bfb]
GstInputSelector
inputselector1
[>]
parent=(GstPlayBin) player
n-pads=1
active-pad=(GstSelectorPad) sink_0
sink_0
running-time=1642666666
tags=((GstTagList*) 0x9f002f20)
active=TRUE
always-ok=FALSE
[>][bfb]
src
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
proxypad8
[>][bfb]
video_sink
[>][bfb]
proxypad7
[>][bfb]
audio_sink
[>][bfb]

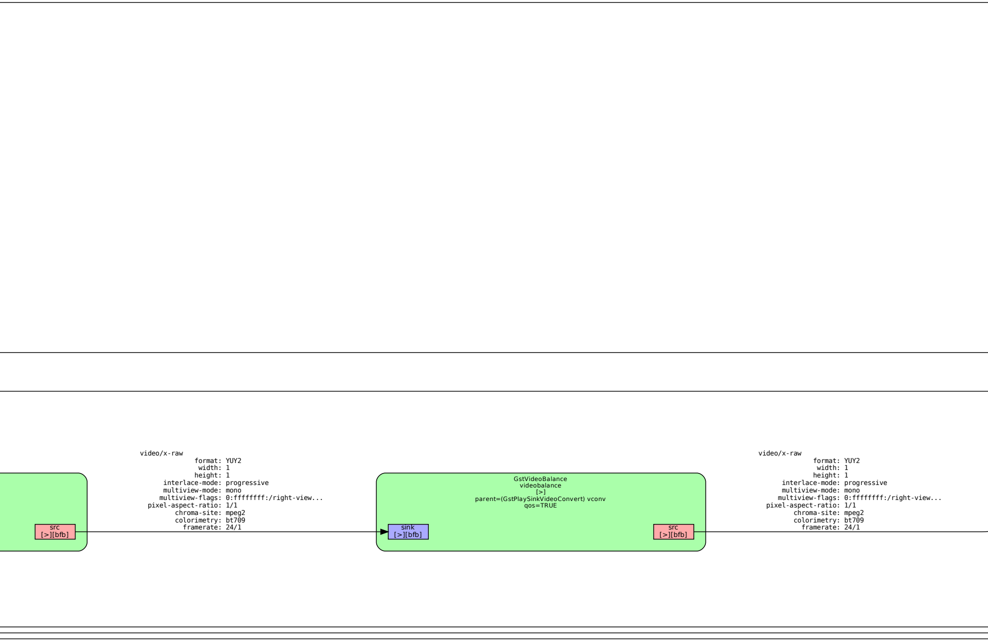

video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
GstTee
audiotee
[>]
parent=(GstPlaySink) playsink
num-src-pads=1
sink
[>][bfb]
src_0
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
GstStreamSynchronizer
streamsynchronizer0
[>]
parent=(GstPlaySink) playsink
sink_0
[>][bfb]
sink_1
[>][bfb]
src_1
[>][bfb]
src_0
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1

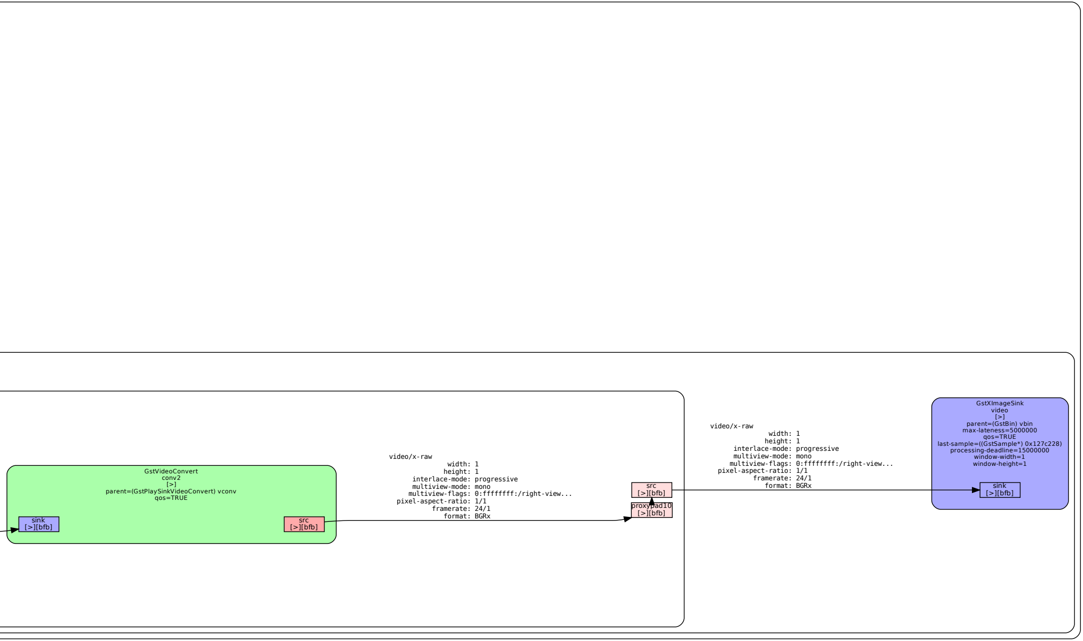

<GstPlayBin>
player
[>]
current-uri="file:///run/workbench/big_buck_bunny_720p_h264.mov"
source=(GstFileSrc) source
n-video=1
current-video=0
n-audio=1
current-audio=0
subtitle-encoding="UTF-8"
audio-sink=(GstAutoAudioSink) audio
video-sink=(GstXImageSink) video
vis-plugin=(GstGoom) vis
video-stream-combiner=(GstInputSelector) inputselector0
audio-stream-combiner=(GstInputSelector) inputselector1
sample=((GstSample*) 0x127c0e8)
GstQueue
aqueue
[>]
parent=(GstBin) abin
current-level-buffers=47
current-level-bytes=1155072
current-level-time=1002666666
silent=TRUE
sink
[>][bfb]
src
[>][bfb][T]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
sink
[>][bfb]
proxypad14
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
sink
[>][bfb]
sink
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
proxypad16
[>][bfb]
sink
[>][bfb]
GstBin
vdbin
[>]
parent=(GstPlaySink) playsink
sink
[>][bfb]
proxypad12
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
GstVideoConvert
vdconv
[>]
parent=(GstBin) vdbin
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
GstDeinterlace
deinterlace
[>]
parent=(GstBin) vdbin
sink
[>][bfb]
src
[>][bfb]


parent=(Gs
GstPlaySinkAudioConvert
aconv
[>]
parent=(GstBin) abin
use-converters=TRUE
GstAudioConvert
conv
[>]
parent=(GstPlaySinkAudioConvert) aconv
src
[>][bfb]
GstIdentity
identity
[>]
parent=(GstPlaySinkAudioConvert) aconv
signal-handoffs=FALSE
src
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
src
[>][bfb]
proxypad13
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
proxypad11
[>][bfb]
sink
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
GstQueue
vqueue
[>]
parent=(GstBin) vbin
current-level-buffers=3
current-level-bytes=5529600
current-level-time=125000000
max-size-buffers=3
max-size-bytes=0
max-size-time=0
silent=TRUE
sink
[>][bfb]
src
[>][bfb][T]


GstPlaySink
playsink
[>]
parent=(GstPlayBin) player
flags=video+audio+text+soft-volume+deinterlace+soft-colorbalance
subtitle-encoding="UTF-8"
vis-plugin=(GstGoom) vis
sample=((GstSample*) 0x127c188)
video-sink=(GstXImageSink) video
audio-sink=(GstAutoAudioSink) audio
send-event-mode=first
GstBin
abin
[>]
stPlaySink) playsink
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
GstAudioResample
resample
[>]
parent=(GstPlaySinkAudioConvert) aconv
sink
[>][bfb]
src
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
sink
[>][bfb]
proxypad9
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
GstVideoConvert
conv
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
GstIdentity
identity
[>]
parent=(GstPlaySinkVideoConvert) vconv
signal-handoffs=FALSE
sink
[>][bfb]
src
[>][bfb]


src
[>][bfb]
proxypad15
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
GstAutoAudioSink
audio
[>]
parent=(GstBin) abin
filter-caps=audio/x-raw
proxypad0
[>][bfb]
sink
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
GstPulseSink
audio-actual-sink-pulse
[>]
parent=(GstAutoAudioSink) audio
enable-last-sample=FALSE
device="alsa_output.usb-0d8c_C-Media_USB_Audio_Device-00.analog-stereo"
current-device="alsa_output.usb-0d8c_C-Media_USB_Audio_Device-00.analog-stereo"
device-name="Audio Adapter Analog Stereo"
sink
[>][bfb]
GstBin
vbin
[>]
parent=(GstPlaySink) playsink
GstPlaySinkVideoConvert
vconv
[>]
parent=(GstBin) vbin
use-converters=TRUE
use-balance=TRUE
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
src
[>][bfb]
GstVideoScale
scale
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]


src
[>][bfb]
video/x-raw
format: YUY2
width: 1
height: 1
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
GstVideoBalance
videobalance
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
format: YUY2
width: 1
height: 1
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1


GstVideoConvert
conv2
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
sink
[>][bfb]
src
[>][bfb]
video/x-raw
width: 1
height: 1
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
framerate: 24/1
format: BGRx
src
[>][bfb]
proxypad10
[>][bfb]
video/x-raw
width: 1
height: 1
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
framerate: 24/1
format: BGRx
GstXImageSink
video
[>]
parent=(GstBin) vbin
max-lateness=5000000
qos=TRUE
last-sample=((GstSample*) 0x127c228)
processing-deadline=15000000
window-width=1
window-height=1
sink
[>][bfb]