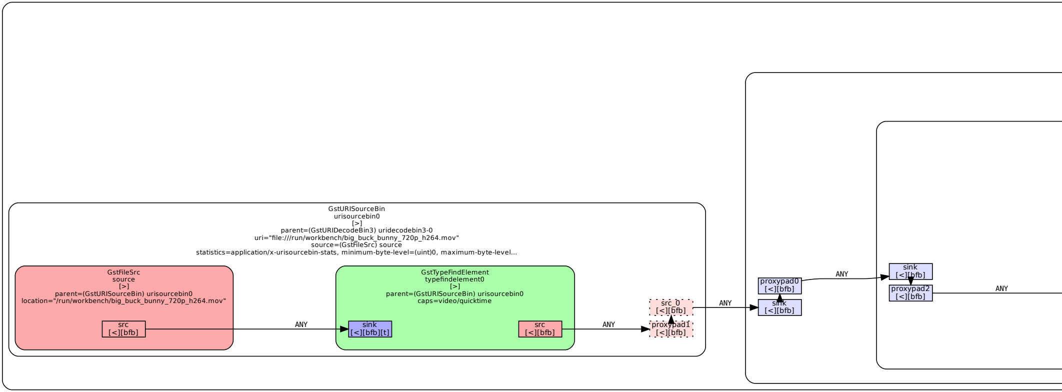
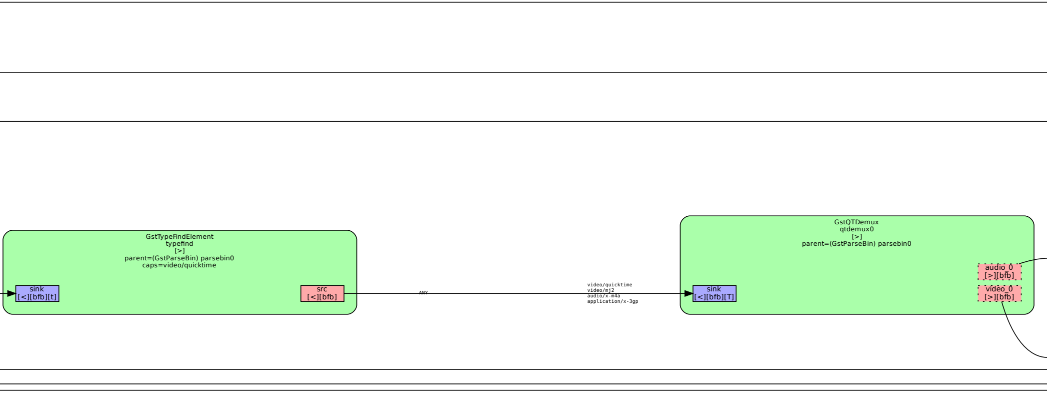
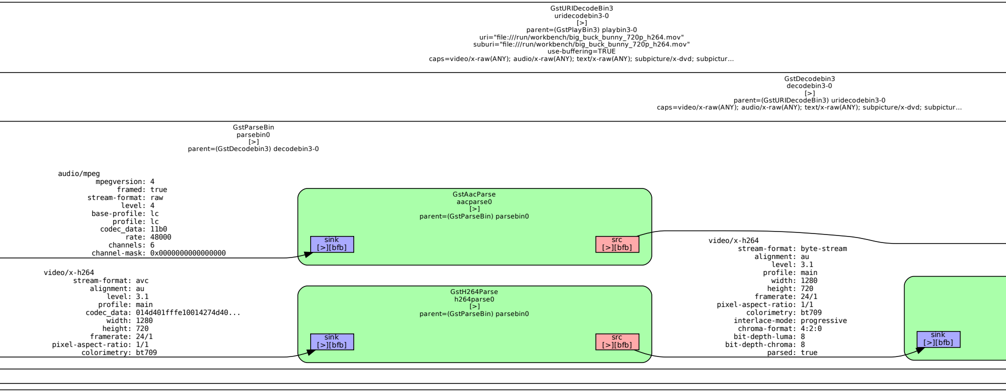
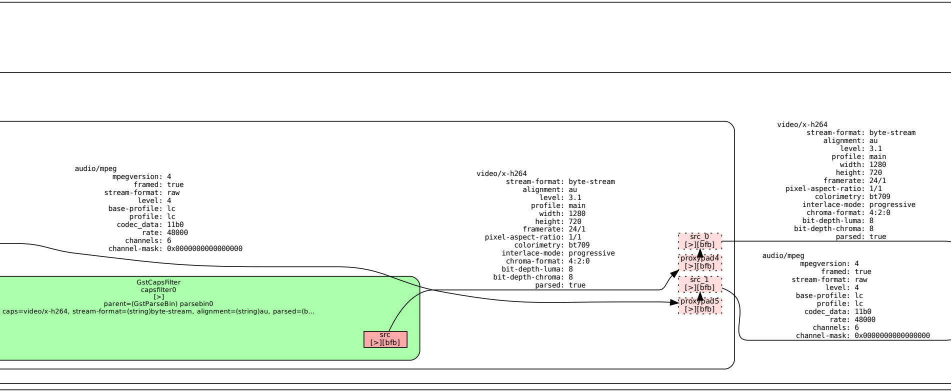
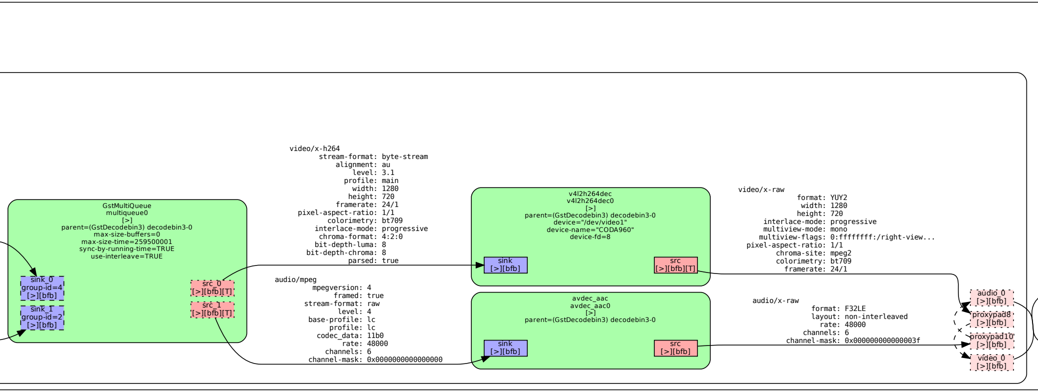

GstURISourceBin
urisourcebin0
[>]
parent=(GstURIDecodeBin3) uridecodebin3-0
uri="file:///run/workbench/big_buck_bunny_720p_h264.mov"
source=(GstFileSrc) source
statistics=application/x-urisourcebin-stats, minimum-byte-level=(uint)0, maximum-byte-level...
GstFileSrc
source
[>]
parent=(GstURISourceBin) urisourcebin0
location="/run/workbench/big_buck_bunny_720p_h264.mov"
src
[<][bfb]
ANY
GstTypeFindElement
typefindelement0
[>]
parent=(GstURISourceBin) urisourcebin0
caps=video/quicktime
sink
[<][bfb][t]
src
[<][bfb]
ANY
src_0
[<][bfb]
proxypad1
[<][bfb]
ANY
proxypad0
[<][bfb]
sink
[<][bfb]
ANY
sink
[<][bfb]
proxypad2
[<][bfb]
ANY

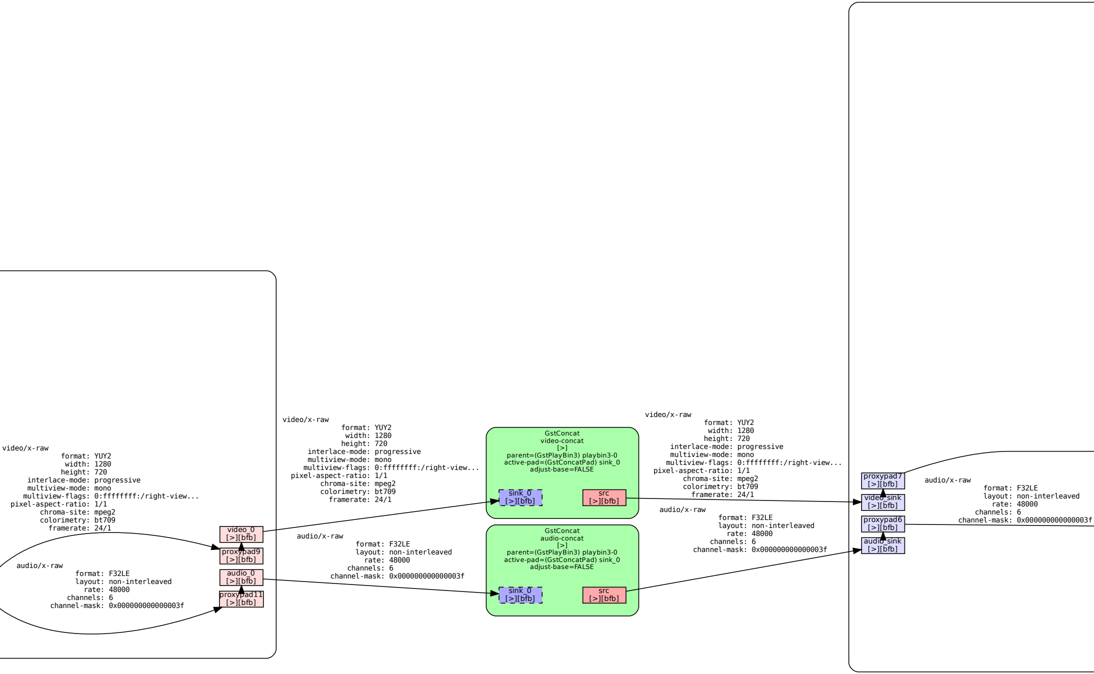
Legend
Element-States: [~] void-pending, [0] null, [-] ready, [=] paused, [>] playing
Pad-Activation: [-] none, [>] push, [<] pull
Pad-Flags: [b]locked, [f]lushing, [b]locking, [E]OS; upper-case is set
Pad-Task: [T] has started task, [t] has paused task

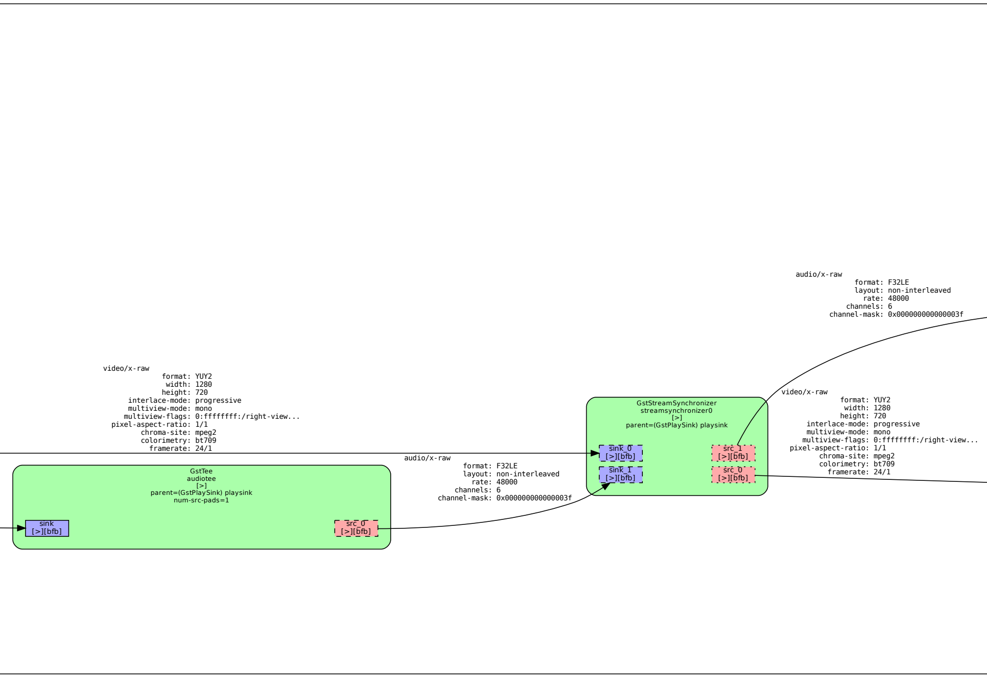

GstTypeFindElement
typefind
[>]
parent=(GstParseBin) parsebin0
caps=video/quicktime
sink
[<][bfb][t]
src
[<][bfb]
ANY
video/quicktime
video/mj2
audio/x-m4a
application/x-3gp
GstQTDemux
qtdemux0
[>]
parent=(GstParseBin) parsebin0
sink
[<][bfb][T]
audio_0
[>][bfb]
video_0
[>][bfb]

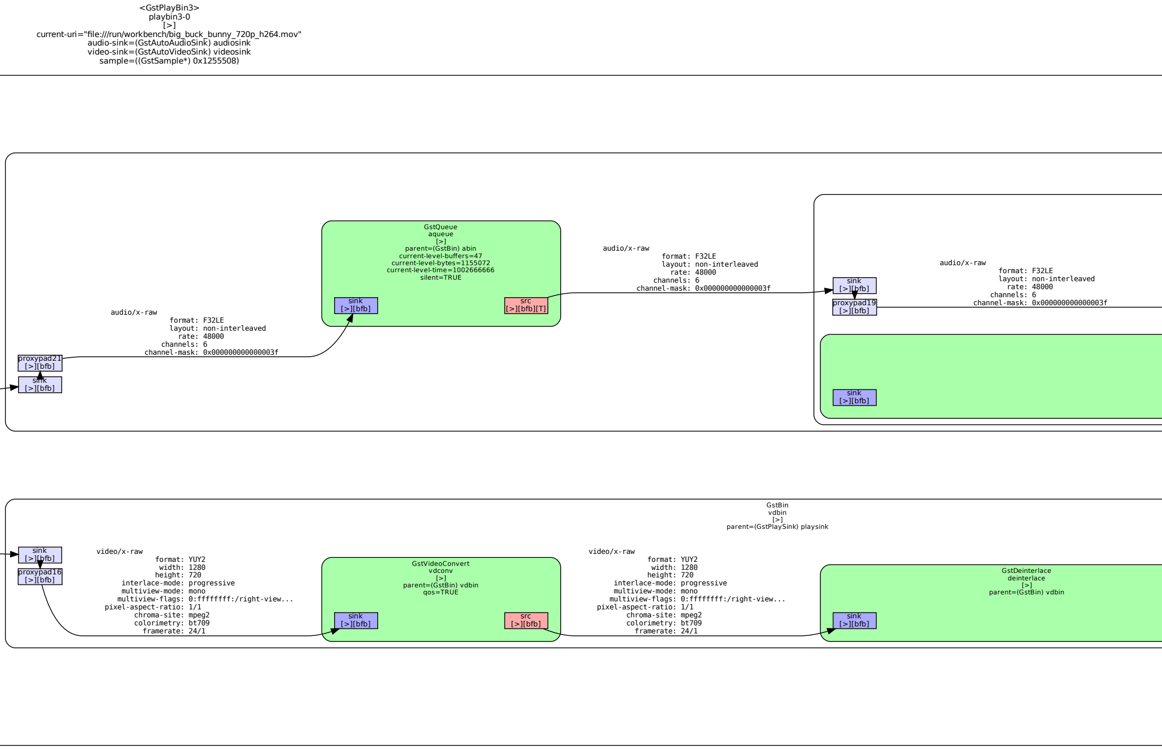

GstURIDecodeBin3
uridecodebin3-0
[>]
parent=(GstPlayBin3) playbin3-0
uri="file:///run/workbench/big_buck_bunny_720p_h264.mov"
suburi="file:///run/workbench/big_buck_bunny_720p_h264.mov"
use-buffering=TRUE
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpicture/x-dvd; subpictur...
GstDecodebin3
decodebin3-0
[>]
parent=(GstURIDecodeBin3) uridecodebin3-0
caps=video/x-raw(ANY); audio/x-raw(ANY); text/x-raw(ANY); subpicture/x-dvd; subpictur...
GstParseBin
parsebin0
[>]
parent=(GstDecodebin3) decodebin3-0
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
GstAacParse
aacparse0
[>]
parent=(GstParseBin) parsebin0
sink
[>][bfb]
src
[>][bfb]
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
GstH264Parse
h264parse0
[>]
parent=(GstParseBin) parsebin0
sink
[>][bfb]
src
[>][bfb]
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
sink
[>][bfb]

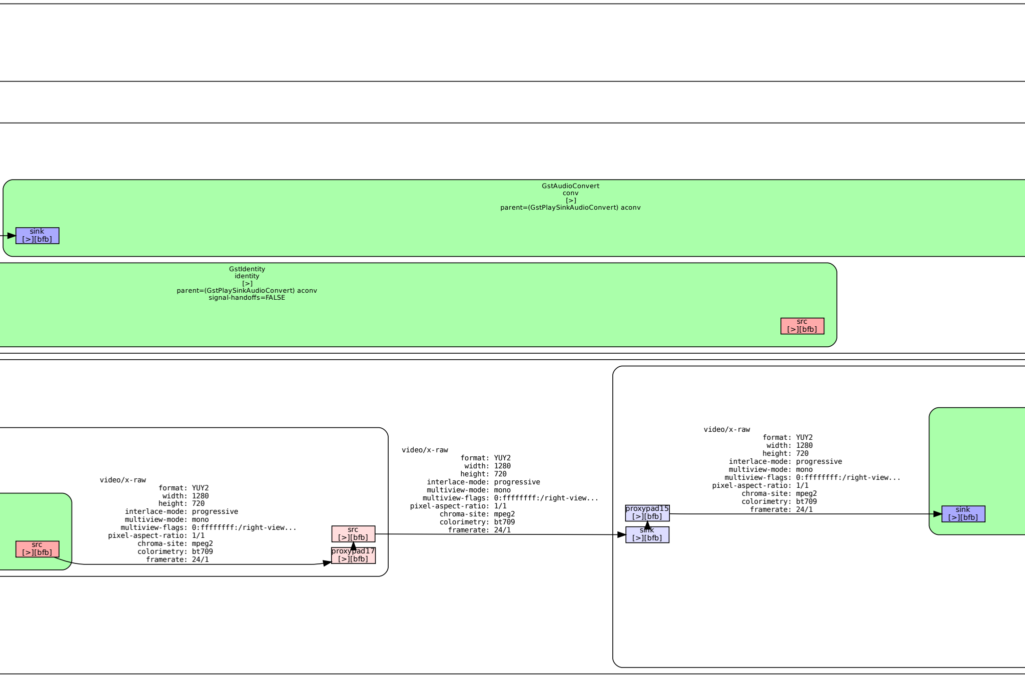

audio/mpeg
mpegversion: 4
framed: true
stream-format: raw
level: 4
base-profile: lc
profile: lc
codec_data: 11b0
rate: 48000
channels: 6
channel-mask: 0x0000000000000000
video/x-h264
stream-format: byte-stream
alignment: au
level: 3.1
profile: main
width: 1280
height: 720
framerate: 24/1
pixel-aspect-ratio: 1/1
colorimetry: bt709
interlace-mode: progressive
chroma-format: 4:2:0
bit-depth-luma: 8
bit-depth-chroma: 8
parsed: true
GstCapsFilter
capsfilter0
[>]
parent=(GstParseBin) parsebin0
caps=video/x-h264, stream-format=(string)byte-stream, alignment=(string)au, parsed=(b...
src
[>][bfb]
src_0
[>][bfb]
proxypad4
[>][bfb]
src_1
[>][bfb]
proxypad5
[>][bfb]
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
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

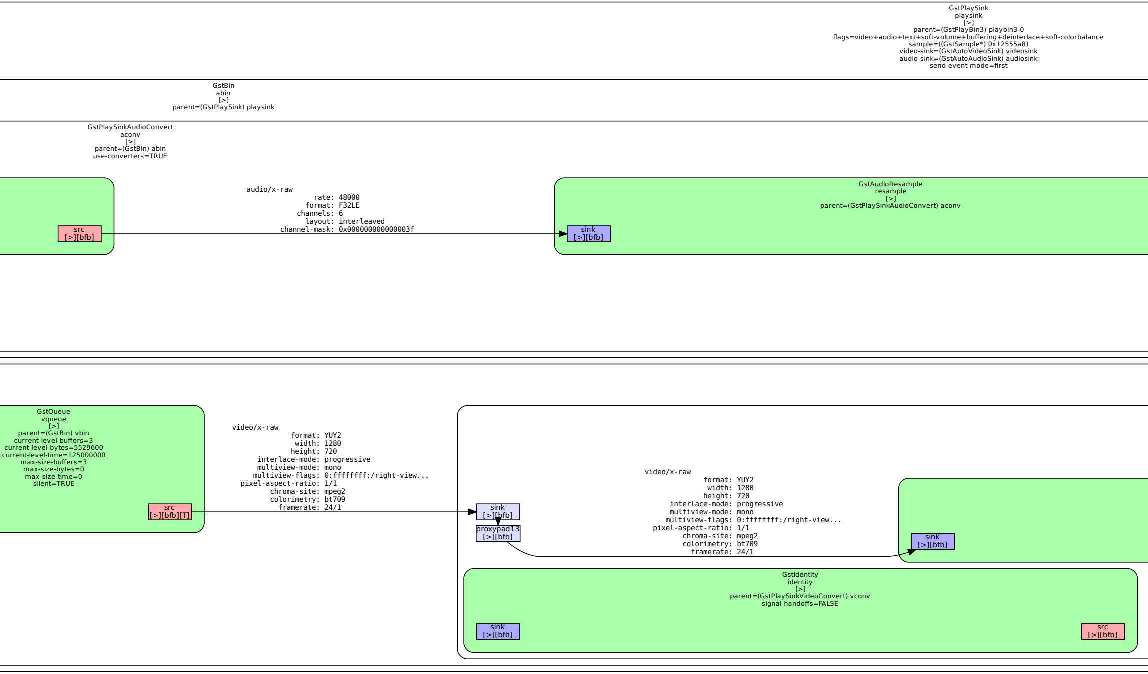

GstMultiQueue
multiqueue0
[>]
parent=(GstDecodebin3) decodebin3-0
max-size-buffers=0
max-size-time=259500001
sync-by-running-time=TRUE
use-interleave=TRUE
sink_0
group-id=4
[>][bfb]
sink_1
group-id=2
[>][bfb]
src_0
[>][bfb][T]
src_1
[>][bfb][T]
video/x-h264
stream-format: byte-stream
alignment: au
level: 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
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
v4l2h264dec
v4l2h264dec0
[>]
parent=(GstDecodebin3) decodebin3-0
device="/dev/video1"
device-name="CODA960"
device-fd=8
sink
[>][bfb]
src
[>][bfb][T]
avdec_aac
avdec_aac0
[>]
parent=(GstDecodebin3) decodebin3-0
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
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
audio_0
[>][bfb]
proxypad8
[>][bfb]
proxypad10
[>][bfb]
video_0
[>][bfb]

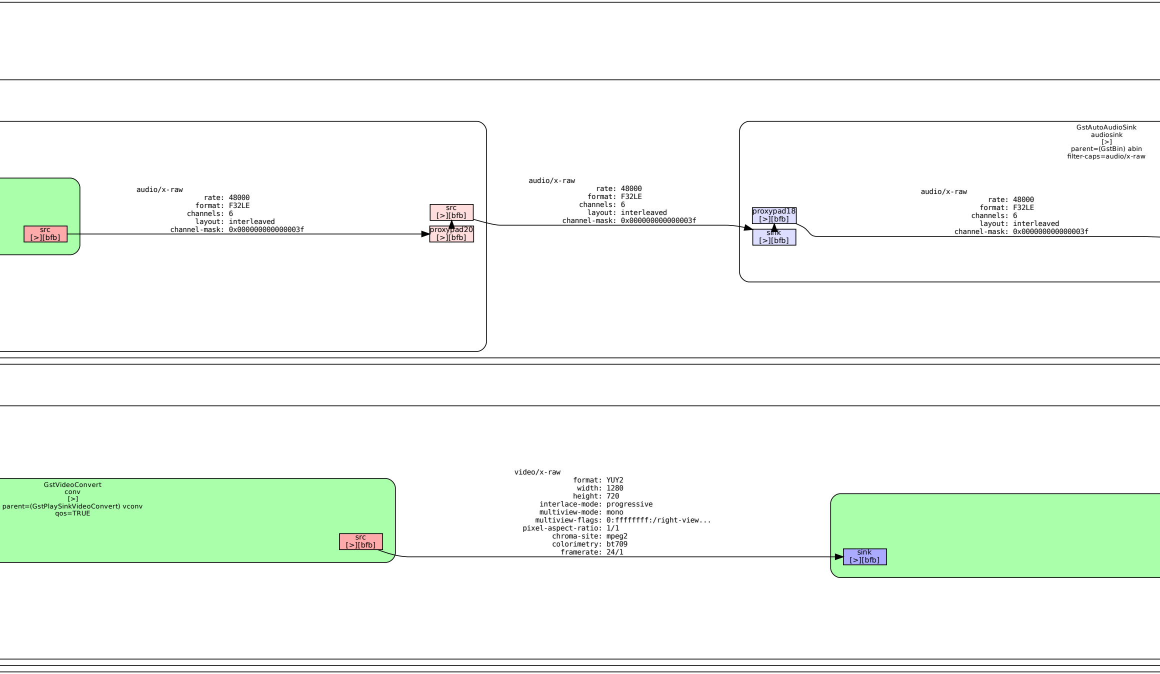

video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
video_0
[>][bfb]
proxypad9
[>][bfb]
audio_0
[>][bfb]
proxypad11
[>][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
GstConcat
video-concat
[>]
parent=(GstPlayBin3) playbin3-0
active-pad=(GstConcatPad) sink_0
adjust-base=FALSE
sink_0
[>][bfb]
src
[>][bfb]
GstConcat
audio-concat
[>]
parent=(GstPlayBin3) playbin3-0
active-pad=(GstConcatPad) sink_0
adjust-base=FALSE
sink_0
[>][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
proxypad7
[>][bfb]
video_sink
[>][bfb]
proxypad6
[>][bfb]
audio_sink
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f

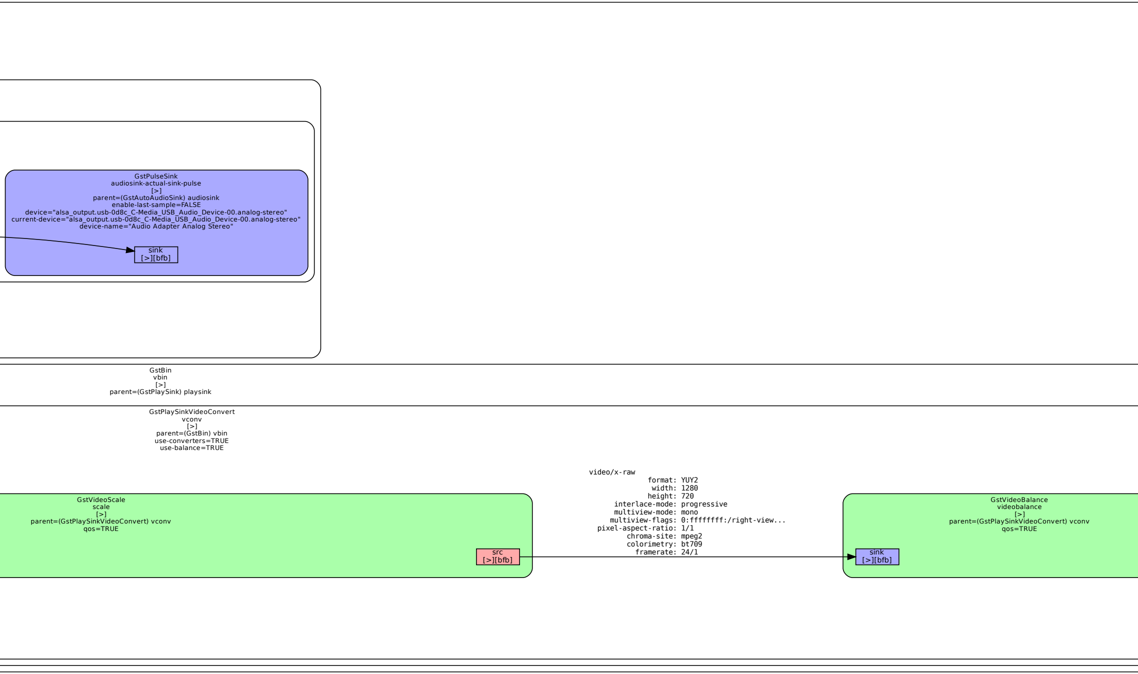

audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: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

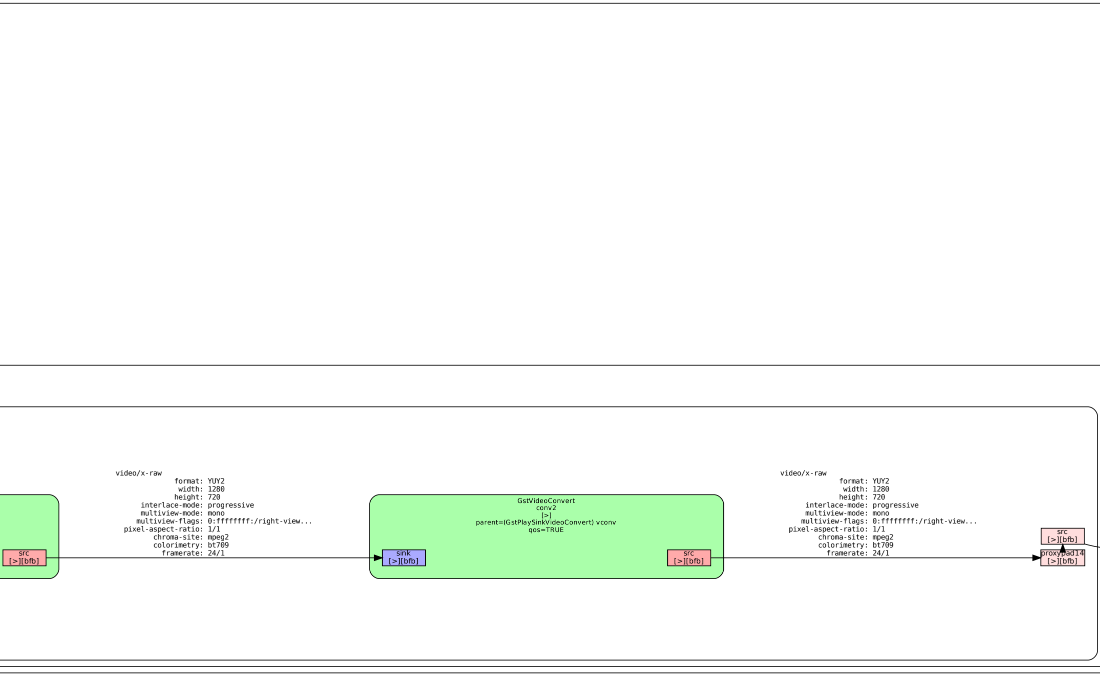

<GstPlayBin3>
playbin3-0
[>]
current-uri="file:///run/workbench/big_buck_bunny_720p_h264.mov"
audio-sink=(GstAutoAudioSink) audiosink
video-sink=(GstAutoVideoSink) videosink
sample=((GstSample*) 0x1255508)
GstQueue
aqueue
[>]
parent=(GstBin) abin
current-level-buffers=47
current-level-bytes=1155072
current-level-time=1002666666
silent=TRUE
sink
[>][bfb]
src
[>][bfb][T]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
sink
[>][bfb]
proxypad19
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
sink
[>][bfb]
audio/x-raw
format: F32LE
layout: non-interleaved
rate: 48000
channels: 6
channel-mask: 0x000000000000003f
proxypad21
[>][bfb]
sink
[>][bfb]
GstBin
vdbin
[>]
parent=(GstPlaySink) playsink
sink
[>][bfb]
proxypad16
[>][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]

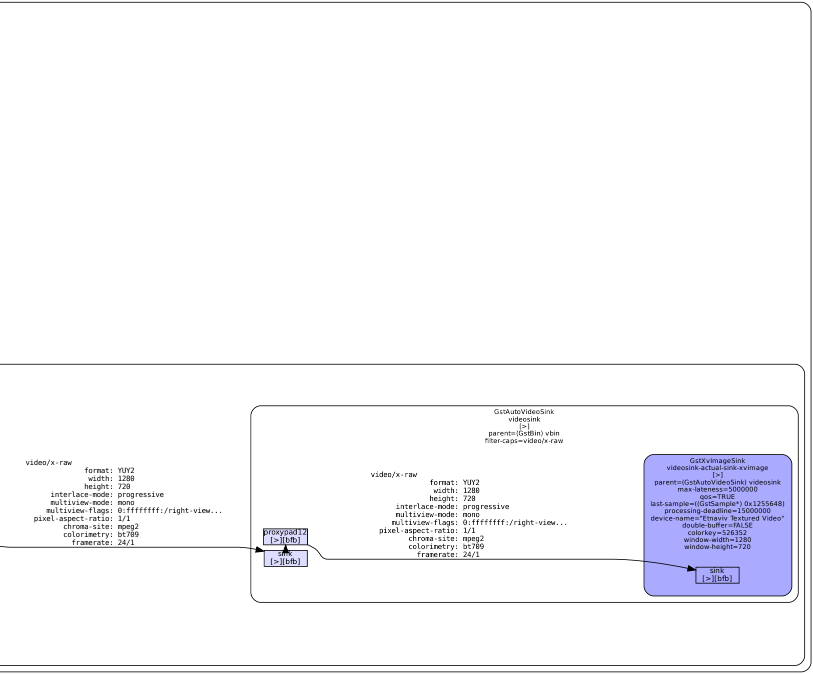

GstAudioConvert
conv
[>]
parent=(GstPlaySinkAudioConvert) aconv
sink
[>][bfb]
GstIdentity
identity
[>]
parent=(GstPlaySinkAudioConvert) aconv
signal-handoffs=FALSE
src
[>][bfb]
src
[>][bfb]
video/x-raw
format: YUY2
width: 1280
height: 720
interlace-mode: progressive
multiview-mode: mono
multiview-flags: 0:ffffffff:/right-view...
pixel-aspect-ratio: 1/1
chroma-site: mpeg2
colorimetry: bt709
framerate: 24/1
src
[>][bfb]
proxypad17
[>][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
proxypad15
[>][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
sink
[>][bfb]


GstPlaySink
playsink
[>]
parent=(GstPlayBin3) playbin3-0
flags=video+audio+text+soft-volume+buffering+deinterlace+soft-colorbalance
sample=((GstSample*) 0x12555a8)
video-sink=(GstAutoVideoSink) videosink
audio-sink=(GstAutoAudioSink) audiosink
send-event-mode=first
GstBin
abin
[>]
parent=(GstPlaySink) playsink
GstPlaySinkAudioConvert
aconv
[>]
parent=(GstBin) abin
use-converters=TRUE
src
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
GstAudioResample
resample
[>]
parent=(GstPlaySinkAudioConvert) aconv
sink
[>][bfb]
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
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
sink
[>][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
sink
[>][bfb]
GstIdentity
identity
[>]
parent=(GstPlaySinkVideoConvert) vconv
signal-handoffs=FALSE
sink
[>][bfb]
src
[>][bfb]


GstAutoAudioSink
audiosink
[>]
parent=(GstBin) abin
filter-caps=audio/x-raw
src
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
src
[>][bfb]
proxypad20
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
proxypad18
[>][bfb]
sink
[>][bfb]
audio/x-raw
rate: 48000
format: F32LE
channels: 6
layout: interleaved
channel-mask: 0x000000000000003f
GstVideoConvert
conv
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
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
sink
[>][bfb]


GstPulseSink
audiosink-actual-sink-pulse
[>]
parent=(GstAutoAudioSink) audiosink
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
GstVideoScale
scale
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
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
GstVideoBalance
videobalance
[>]
parent=(GstPlaySinkVideoConvert) vconv
qos=TRUE
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
src
[>][bfb]
GstVideoConvert
conv2
[>]
parent=(GstPlaySinkVideoConvert) vconv
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
src
[>][bfb]
proxypad14
[>][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
GstAutoVideoSink
videosink
[>]
parent=(GstBin) vbin
filter-caps=video/x-raw
proxypad12
[>][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
GstXvImageSink
videosink-actual-sink-xvimage
[>]
parent=(GstAutoVideoSink) videosink
max-lateness=5000000
qos=TRUE
last-sample=((GstSample*) 0x1255648)
processing-deadline=15000000
device-name="Etnaviv Textured Video"
double-buffer=FALSE
colorkey=526352
window-width=1280
window-height=720
sink
[>][bfb]