

GstPipelineStudio, what's new ?

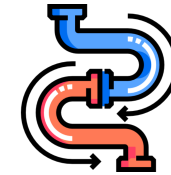
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A Coruña, September 2023

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A GUI for GStreamer



- Draw your pipeline and play it
- Debug your pipeline:
 - Test new pipelines and elements
 - Logs
- Written in Rust using gtk4

GStreamer Pipeline Studio

compositor_tee.xml

Elements Favorites

Name

- autovideosink
- capsfilter
- filesrc
- playbin3
- videotestsrc
- vulkanh264dec
- timeoverlay

Factory details:

Rank:None

Name:autovideosink

long-name:Auto video sink

class:sink/Video

description:Wrapper video sink for automatically detected

author:Jan Schmidt <thaytan@noraisin.net>

Plugin details:

Name:auto detect

Description:Plugin contains auto-detection plugins for video

File name:/usr/lib/x86_64-linux-gnu/gstreamer-1.0/libgstauto

Version:1.20.3

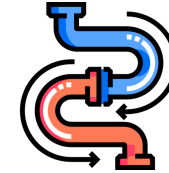
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No preview

TIME	LEVEL	LOG
11:01:24	[INFO]	Received the signal deep element added xvimagesink
11:01:24	[INFO]	Received the signal deep element added xvimagesink
11:01:24	[INFO]	Found factory: videotestsrc
11:01:24	[INFO]	Found factory: compositor
11:01:24	[INFO]	Found factory: tee
11:01:24	[INFO]	Found factory: queue
11:01:24	[INFO]	Found factory: timeoverlay
11:01:24	[INFO]	Found factory: fakesink
11:01:24	[INFO]	Found factory: queue
11:01:24	[INFO]	Found factory: fakesink

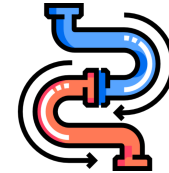
Playing

What's new in 0.3.3



- Windows and MacOS installer
- Open a pipeline with its command line description
- Multiple graphview tabs allowing to play with multiple pipeline at once.
- Capsfilter support on the link
- gstreamer-1.0 wrap support
- Bugs fixing

Features request



- Tracers, Events
- Elements connection such as auto plug or incompatibility
- Read generated dot files
- Remote debugging with GstPrinceOfParser (written in Rust)
- Translation
- **Yours are welcome** 🙌

Useful information

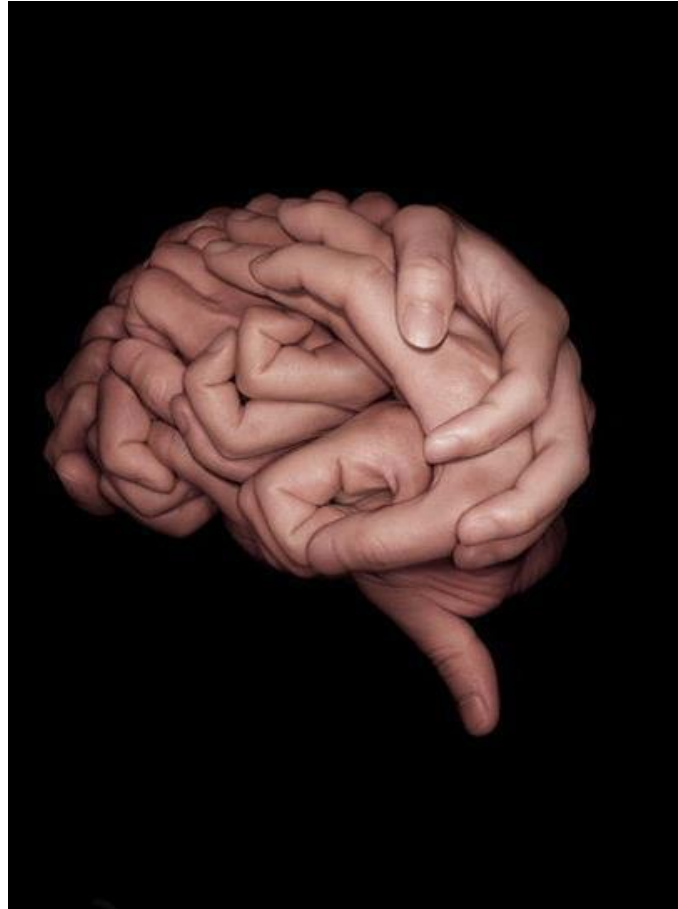
- Project page:

<https://dabrain34.pages.freedesktop.org/GstPipelineStudio/>

- Project source:

<https://gitlab.freedesktop.org/dabrain34/GstPipelineStudio/>

Contributions are welcome...



Thanks

Q/A



