asympt⁘tic

What's next for Bluetooth in PulseAudio?

Sanchayan Maity

asymptotic.io

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- First appeared for users in Fedora Linux with version 8

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- So which is better?

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- In progress work by Pali Rohár

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- Patent encumbered licenses?
- How to support multiple encoders or decoders?
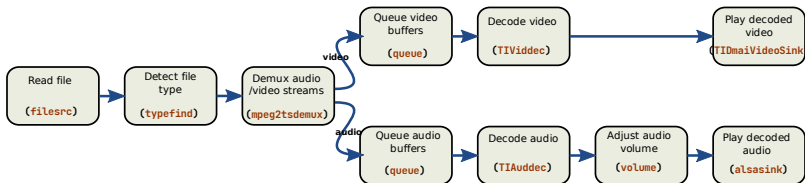
GStreamer

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GStreamer

- What is GStreamer?
- Why?

Example GStreamer Pipeline

The goals of GStreamer are to seprate the application (e.g. Video player, Video editor, etc.) from the streaming media complexity (e.g. hardware acceleration, remoteness)
GStreamer – streaming media
D-Bus – inter process communication
Use **gst-launch** command to create the GStreamer pipeline

    gst-rtsp-server - v4l2src ! video/x-raw,width=1280,height=720 ! omxh264enc ! video/x-h264,profile=baseline ! h264parse config-interval=1 ! rtph264pay name=pay0 pt=96


```
gst-launch filesrc location="video.ts" ! typefind ! mpeg2tsdemux name=demux \
        demux. ! 'video/x-h264' ! queue ! TIViddec ! TIDmaiVideoSink \
        demux. ! 'audio/mpeg'  ! queue ! TIAuddec ! volume volume=5 ! alsasink
```

Figure 1: GStreamer Pipeline

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- GStreamer wrapper around Pali Rohár's *libopenaptx*
- Implementing profile and codec switching
- Proof of concept with GStreamer tested

Conclusion

What's next?