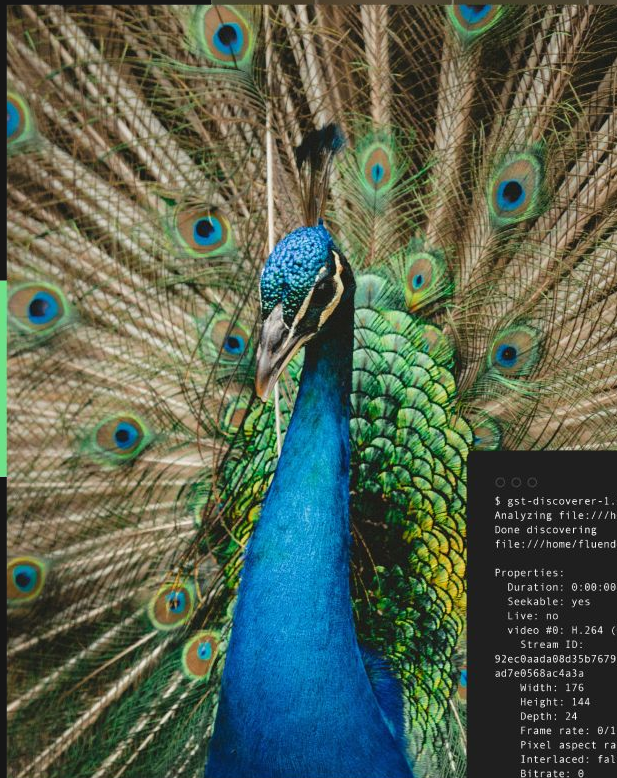


Fluendo and Cerbero

Testing challenges



```
○ ○ ○  
$ gst-discoverer-1.0 AUD_MW_E.264  
Analyzing file:///home/fluendo/Videos/AUD_MW_E.264  
Done discovering  
file:///home/fluendo/Videos/AUD_MW_E.264  
  
Properties:  
Duration: 0:00:00.000000000  
Seekable: yes  
Live: no  
Video #0: H.264 (Constrained Baseline Profile)  
Stream ID:  
92ec0aada08d35b7679f87a98465b4cf955fbad1d2c8535ec  
ad7e8568ac4a3a  
Width: 176  
Height: 144  
Depth: 24  
Frame rate: 0/1  
Pixel aspect ratio: 1/1  
Interlaced: false  
Bitrate: 0  
Max bitrate: 0
```

| Overview

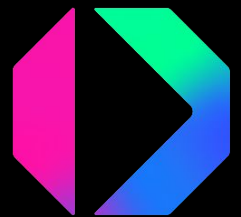
- Cerbero purpose was to orchestrate the build and package GStreamer and its dependencies for GStreamer SDK
- Build != Package build artifacts
- Build != Orchestrate builds
- Fluendo owns a fork of Cerbero to build and package our own products, explained in [GstConf 2019](#)
- If it is useful beyond GStreamer, why reinvent the wheel?

Proof-of-Concept: Gst.wasm

- It is a new architecture for GStreamer: use cerbero
- Make cerbero reliable for your use case: bring tests to cerbero so upstream doesn't break your use case
- It is a project to use GStreamer: make it easy to the user
 - Cerbero is a dependency not the target to develop for
 - Cerbero is a python tool, use common tools to install it, just pip install

| Status

- [Bring back tests](#) ●
- [Update more tests. Second round](#) ●
- [Tests update final round](#) ⌚
- [Local source](#) ⌚
 - Build in-place, don't fetch from external sources
 - Useful for testing build systems
 - Useful for local development. Chicken-egg situation with a recipe and a source code.
- [Packaging](#) ⌚
 - Pip install git-https
- Integrate into the Cerbero's CI



fluendo