OPENCV AND GSTREAMER

Vanessa Chipirrás Navalón

vchipirras6@gmail.com

Outreachy

➤ What is Outreachy Program?

- Outreachy helps people from groups underrepresented in free and open source software get involved.

Outreachy

> **What is the purpose?**

- Through Outreachy, participants learn how exciting and valuable work on software freedom can be, while helping to build a more inclusive community.

> **Why Gstreamer?**

- I seemed interesting and I had special interest by the work with OpenCV.

Outreachy

➤ My experience and results

  - I started without having knowledge about Gstreamer.

  - I had a few weeks to learn about it.

  - And now, I have 23 patches in upstream.

My work with OpenCV

➤ ## What's the problem?

- The plugins didn't work with OpenCV newer than 2.4.10. because it's migrating to C ++ API.

➤ ## How I resolved it?

- I ported the plugins to C ++, keeping some parts in C, because Gstreamer uses C API.

Facedetect Test

- https://www.youtube.com/watch?v=pxzejNKV_WQ