**环境准备**

* 安装 GStreamer 开发包

sudo apt update

sudo apt install -y libopencv-dev

sudo apt install -y build-essential cmake git pkg-config libgstreamer1.0-dev libgstreamer-plugins-base1.0-dev

sudo apt install meson ninja-build

sudo apt-get install libgstreamer-plugins-bad1.0-dev gstreamer1.0-plugins-base gstreamer1.0-plugins-good gstreamer1.0-plugins-bad gstreamer1.0-plugins-ugly gstreamer1.0-libav gstreamer1.0-tools gstreamer1.0-x gstreamer1.0-alsa gstreamer1.0-gl gstreamer1.0-gtk3 gstreamer1.0-qt5 gstreamer1.0-pulseaudio

在工程根目录新建构建目录 meson setup build

编译 ninja -C build

编译出来的插件 .so 文件，需要放到 GStreamer 的插件目录下，常见位置是

~/.local/lib/gstreamer-1.0/

或者直接放到系统目录：/usr/lib/x86\_64-linux-gnu/gstreamer-1.0/

cd build/gst-plugin

sudo cp libgstaudiofilterexample.so /usr/lib/x86\_64-linux-gnu/gstreamer-1.0/

然后执行 gst-inspect-1.0 undistort看能不能被 GStreamer 识别

gst-inspect-1.0 audiofilterexample