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Visualize music into notes

Sometimes I get curious and want to break down a song to it's core melodies, FFMPEG has a cqt filter (like fft), that can convert an audio file into a visual based on the notes. I also realized you can do this in real-time with decent latency using ALSA.

```
ffmpeg -f alsa -ac 2 -i pulse -filter_complex
"[0:a]showcqt=s=1280x720:fps=30:[out]" -map "[out]" -f sdl -
```

- This will try capturing a microphone by default, use 'pavucontrol' to change the captured input to loopback for your speaker.
- I tried to use '-f pulseaudio' instead, but it just ends up being very stuttery and with much higher latency, whereas the alsa version is so much smoother and lower latency.
- You can change the resolution and fps are needed, I sometimes daisy-chain multiple effects.
- Output as SDL has much lower latency from my testing. I used to pipe it into mpv with no buffer, but this is even faster

Older revision of this command I used to use as reference:

```
ffmpeg -f pulse -ac 2 -i default -filter_complex
"[0:a]showcqt=s=1280x720:fps=30:[out]" -map "[out]" -r 30 -c:v rawvideo -f
matroska - | mpv --no-cache --untimed --no-demuxer-thread -
```

This stutters a bit more, but might be preferred in some cases. It also uses pulseaudio directly. I switched to using rawvideo instead of other codecs, since rawvideo has a much lower latency, as there is no need for compression and decompression, which doesn't matter since we're piping it for playback anyway.

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