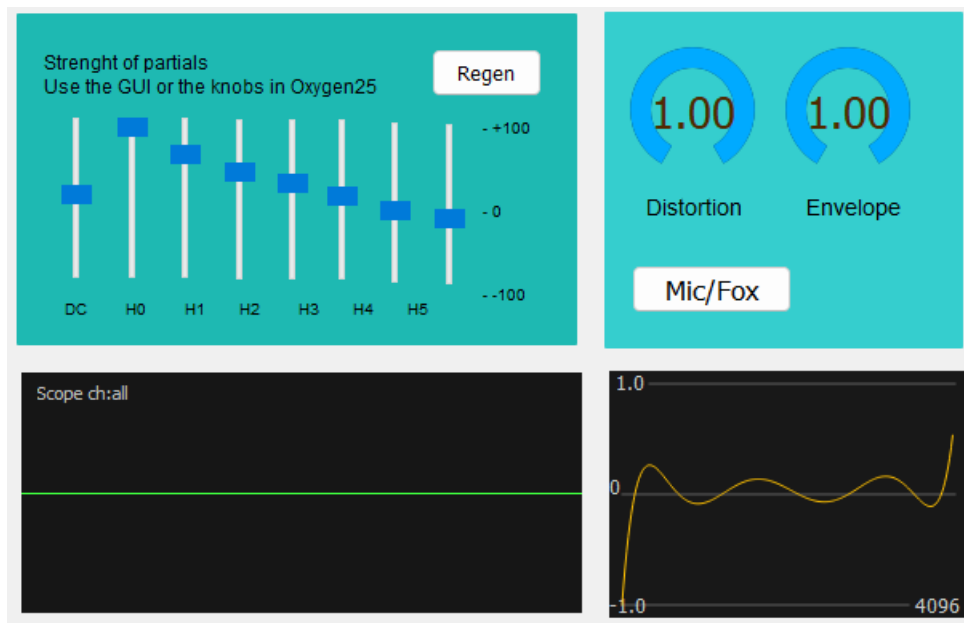


Sound Synthesis - Final Project - Readme

Waveshaper-Vocoder

Albert Madrenys

This CSoundQT application is a vocoder, but instead of a static sawtooth excitation signal, we can use the result of a waveshaper function.



- Partial sliders: Used to tell to the waveshaper the presence of each partial.
- Regen: After a new set of partial values, the Regen button must be pressed in order to apply the changes. No need to restart the application!
- Distortion: How much distortion on the waveshaper. No distortion will result a sine-like sound.
- Envelope: How much rise and decay time on the distortion and amplitude envelopes.
- Mic/Fox: If pressed, the vocoder will use the mic input for the analyse signal, if not pressed will use the fox.wav audio clip.