MeHear

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Idea:

The idea is to help old people who have hearing problems. This application takes the voice from the microphone amplifies it and use the compressor, then outputs it to the headphone. The application has volume control and some basic compressor in it.
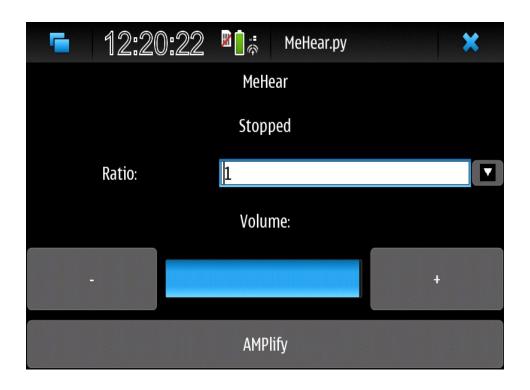
Below is a screen shot of the application:

Figure 1 – Screen shot

Result

We managed to do application which uses GStreamer to stream straight from mic to ear plugs. It has also a compressor to make audio audible. Problem is just that volume or compressor is not controllable. Whole code would be needed

to be rearranged to get buttons and knobs to do some thing.
Probably using GStreamers command line version but that's
other story.

Conclusion:

Coding to maemo was nightmare as libraries aren't well
ported like Gstreamer Pygtk and so on. Also software
restrictions make coding awful. But learning to use gstreamer
and Pygtk was good experience. Furthermore, CodeCamp is a
good environment for learning. Overall good experience.