emr84 wrote on Mon, 04 October 2010 19:24luzr wrote on Sun, 03 October 2010 13:52...what we would really need is generic interface for sound (we are missing that one so far) and then its specialisation for OpenSoundControl or anything else...

Hi. Portaudio seems interesting.
I was looking at possible choices and came to same conclusion Portaudio is very nice written, supports large number of backends (14, I think) on major platforms (win32,linux,mac,Irix,BeOS). It has MIT license, which should work fine with Ultimates BSD. I already started playing with it and designing the interface. I think I'll be able to publish first draft in few days.

The only drawback is that Portaudio doesn't support I/O. So if it should be usable for most people it must be combined with some other lib that understands audio file formats. The best I found so far seems to be libsndfile, supporting pretty much everything from wav to flac (with notable exception of mp3 because of legal issues). Also it is L/GPL licensed, which is not ideal. So before I get to this, does anyone have any other suggestions?

Honza

PS: Kohait00: Sorry for misusing your thread to something different then you originally intended it for