

Module Ideas

Stuck for an idea for building a module? Here are some modules that would certainly be worth doing:

Recording and Playing

Resound currently can only record or play through the standard NeXT microphone and speakers. It would be very useful to have recording/playing facilities for alternate input devices like the AD/64x, Digital Ears, Ariel Digital Microphone, etc.

Editing

There are numerous simple edit facilities that we need: inserting zero sound, limiting, adding noise, stripping out every other sample ("mousekifying") or doubling each sample. Resound is missing a crossfade package.

FFT

Resound's FFT package is in its infancy. A better FFT package would be nice, especially one that provides multiple window options, sonograms, usage of the DSP if possible, and better display options.

Effects

Resound needs all the effect filters it can get. Equalization would be nice, as well as reverb, echo, chorusing, or flanging effects. FFT pitch shifting would be wonderful, as would be shortening the time of a sample without increasing the frequency.

Foreign Formats

This one's very important: the ability to save in foreign sound formats. Also, MPEG loading and saving would be nice.