Assorted Ideas in User Interfaces for Audio

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NoISE
Sound Torch
File System Tricks for Audio Production
What else at Hochschule Bremen?
Virtual Shaker
Malleable Drum
Graphical Control of a Parametric Equalizer
Sound at Your Fingertips: An Electrotactile Fader
Virtual Detents

Track Identification
Programming a Music Synthesizer through Data Mining
A Rhythmic Analyzer and Equalizer
Rhythmic Frequency (Beats per Minute)
Reuniting Sound Control and Sound Creation
Musical Icons: Procedural Glyphs for Audio Files
Neural Network

Acoustic Features

Training

Icon Parameters

Retrieval

Acoustic Features

Icon Parameters
GPU-based Audio via the VGA Port