Songlib: The C Library for Music Composition

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Revision Date: November 19, 2014

Downloading and installing songlib

Songlib is distributed in a tarball; the tarball consists of the songlib source and a set of utilities, which also need to be compiled. The tarball has enough music samples to run the sample programs in the tarball; to install more music samples, see installing sample packs.

Linux installation instructions
Mac installation instructions
Cygwin/Windows installation instructions

1 Using songlib

Songlib is a simple and (mostly) imperative C library for creating music. Currently, these documents exist for explaining how to use songlib.

- installing and creating instrument sample packs
- songlib quick start
- the major note-playing functions
- reading note samples
- filtering notes
- moving backwards and forwards in time
- modifying songlib output
- keeping time
- using key signatures
- special chord generating functions
- special support for drums
- drums and other note notations
- Songlib without programming - processtab

Here are the currently available documents on Readily Readable Audio:

- readily readable audio
- reading and writing RRA files
- post-processing RRA files
Recording

Here is are some short tutorials for laptop recording using various devices for attaching high quality microphones to your laptop:

- The Blue Icicle
- The Hosa Tracklink

Here is a link for processing vocals:

- Processing vocals

Example Music

Here are some examples of student-made music using songlib:

- Spring 2012