Songlib: The C Library for Music Composition

written by: John C. Lusth

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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 and Windows 10 Bash installation instructions
Mac installation instructions
Cygwin/Windows installation instructions

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
• modal chords
• special chord generating functions
• special support for drums
• drums and other note notations
• automatic voice leading
• 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
- The Mobile-pre

Here is a link for processing vocals:

- Processing vocals

Example Music

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

- Spring 2012