Songlib: The C Library for Music Composition

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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*:

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- 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