Songlib: The C Library for Music Composition

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Cygwin/Windows installation instructions

First, browse to www.cygwin.com and download the current setup.exe and run it. Use the 64-bit version of the setup program if you have a 64-bit computer.

Answer all the questions using the default answers. At some point, you will be asked to select some packages. Click on plus signs next to

- ‘Audio’ and click on the Skip column entry next to the sox entry.
- ‘Devel’ and click on the Skip column entry next to the gcc-core and make entries.
- ‘Editors’ and click on the Skip labels next to the vim and vim-common entries.
- ‘Net’ and click on the Skip label next to the openssh entry.
- ‘Util’ and click on the Skip label next to the ncurses entry.
- ‘Web’ and click on the Skip label next to the wget entry.

Finally, click on the Next button in the lower right corner and continue accepting defaults.

Once Cygwin is installed, open up a Cygwin terminal (an icon should be on your Desktop). Begin the songlib installation process by downloading the songlib source tarball into a directory named songlib:

```
mkdir ~/songlib
cd ~/songlib
wget beastie.cs.ua.edu/songlib/songlib-1.44.tgz
```

Then, unpack the tarball:

```
tar xvfz *.tgz
```

Finally, build and install the library and install the utilities and sample note files by typing the command:

```
make install
```

while in the songlib directory.

To test your installation, move into the quickstart directory and type make play:

```
cd quickstart
make play
```

You should see the song being constructed and then should hear it begin to play.