Linux installation instructions

Begin the installation process by downloading the songlib source tarball into a directory named songlib:

```
mkdir ~/songlib
cd ~/songlib
wget songlib.cs.ua.edu/songlib-1.28.tgz
```

Then, unpack the tarball:

```
tar xvfz *.tgz
```

If /usr/local/bin/ is not in your path, then you should add it. See the web for instructions on how to add a directory to the PATH environment variable.

Install the following supporting packages:

```
sudo apt-get install build-essential sox flac
```

If you are not on a Debian-based system and don’t have apt-get, consult the web on how to install these packages.

For mp3 support, install:

```
sudo apt-get install lame libsox-fmt-mp3
```

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

```
sudo 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.