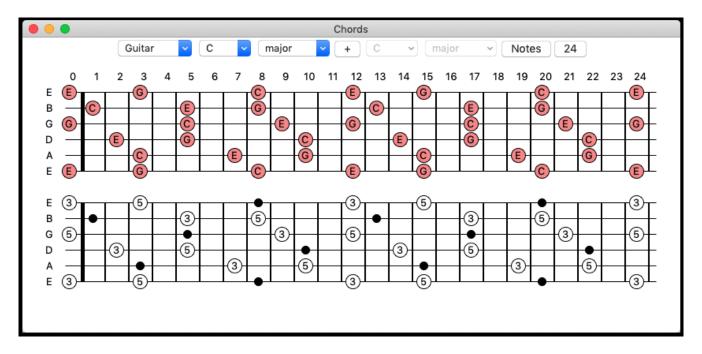
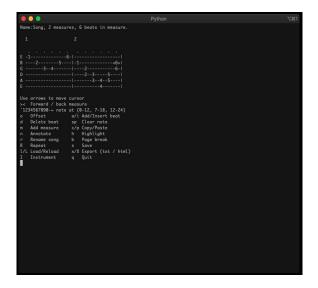
A few music related utilities I've written. I wrote them using Python 2 but they run with Python 3.

Greg Girardin Auburn, ME January 2020

chords.py - A python fretboard display utility. Uses tkInter. Click the instrument, key and chord/scale you want to display. Click '+' to mix a 2^{nd} chord. The left chord will be red, the right chord will be blue, and notes in both chords will be blue-green.



tab.py – Terminal based tablature creator for quickly getting down ideas. Tab can be export as txt or html.

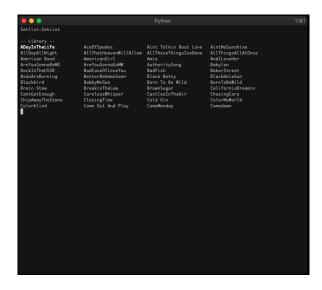


setlist.py - Allows you to generate an html setlist file from lyrics.

To use, put all of your lyrics as txt files in a directory.



In a terminal window run setlist.py from your lyrics directory. It will scan the local directory for lyrics (.txt files) and these will show up in the library.



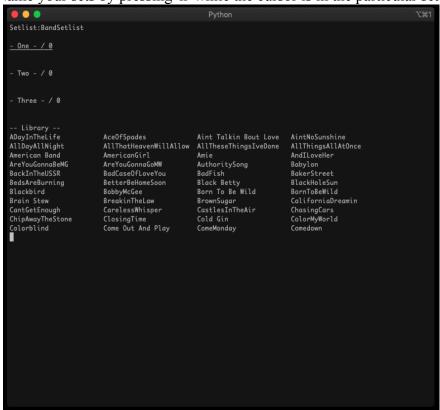
Press '?' to see the available commands.

Name your list by pressing 'N'. This will be the filename.

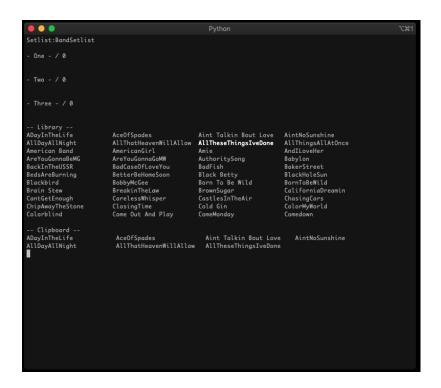
Add sets with "a". Navigate to the Library with the up/down/left/right/d/f. hjkl function as left/down/up/right.

You can jump to a specific set by pressing '12345..', you can jump to the library by pressing ~.

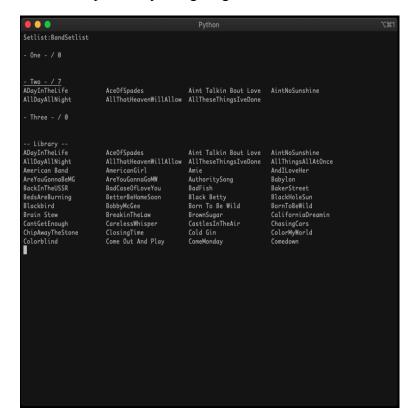
Name your sets by pressing 'n' while the cursor is in the particular set.



Navigate to the library. Add songs to the clipboard by pressing 'c' with the cursor over the desired song.



Paste the clipboard by navigating to the desired location in the desired set and pressing 'p'.



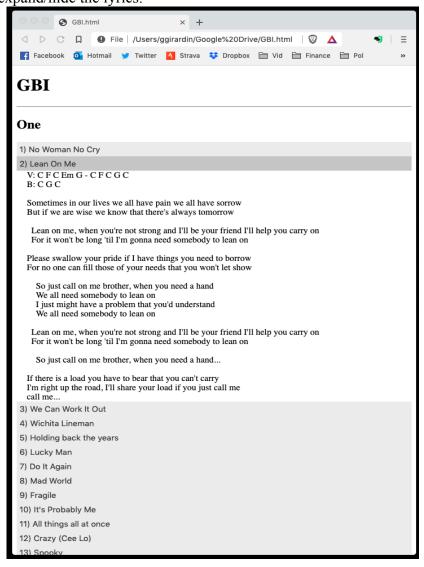
Songs can be rearranged in the set by moving the cursor over the song and pressing 'm'. Move the song to the desired location and press 'm' again to return to cursor to normal mode. Sets can be rearranged by pressing 'M'. Press 'M' again to return to normal mode.

If a song is in the setlist more than once it will be highlighted in blue. If you're in the library and the song you're on is already in the setlist the song will be highlighted.

If you wish to highlight songs. Press 'h' with the cursor over the song. These songs will show up as red in the exported setlist. This is useful for indicating which songs are homework, new, or what have you.

Once the setlist is complete, press 's' to save. A file called "BandSetList.set" will be generated. You can edit this setlist later by pressing 'o'.

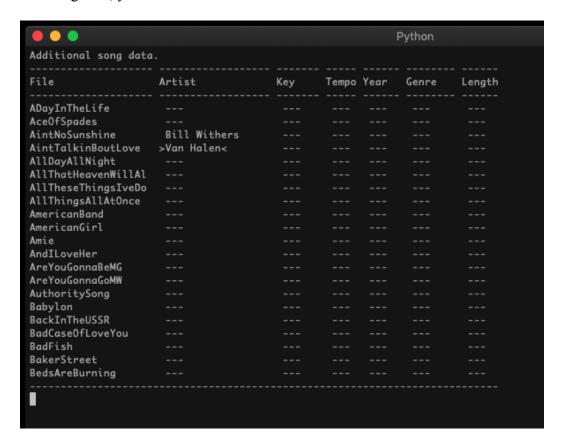
Press 'x' to export the list. "BandSetList.html" will be placed in the current directory. This is your setlist to be viewed in a browser. Click / tap the song title (the title is the first line of each lyric file) to expand/hide the lyrics.



Additional Song Data

Additional information about a lyric file can be provided. This information is saved in a separate file from the lyrics.

Press 'e' to edit song data, you'll see this screen:



If present it will be added within the generated setlist file at export. In the set list editor screen you can use "[" and "]" to view songs based on this additional data. Songs which match will be highlighted in red. This is useful or seeing which songs are all in a certain key, fit a certain genre, or what have you.

Lyric Files

Lyrics files are text files with a .txt extension. The first line in the file must be the name of the song and will be used as the title of the song in the generated setlist (instead of the filename).

A few shortcuts that can be put in lyric files that setlist.py will interpret:

- "c!" will be replaced with "Chorus"
- "s!" will be replaced with "Solo"
- "t!" will toggle usage of a fixed sized font (For tablature to keep it aligned)
- "h!" will be replaced with "Harmonica"

You can also put in html tags as they will be pasted directly into the output file and the browser will simply interpret them.

For example, this txt file:

Will look like this in the set list html:

1) Sledgehammer

Hey use it, everybody use it!

You could have a steam train, if you'd just lay down your tracks. You could have an aeroplane flying, if you bring your blue sky back. All you do is call me I'll be anything you need.

You could have a big dipper, going up and down, around the bends. You could have a bumper car bumping, this amusement never ends.

I wanna be your sledgehammer. Why don't you call my name? Oh, let me be your sledgehammer, this will be my testimony.

Show me round your fruitcage 'cos I will be your honey bee. Open up your fruitcage, where the fruit is as sweet as can be.

Chorus

Solo

I've kicked the habit, shed my skin This is the new stuff I go dancing in Won't you show for me, I will show for you

You've been coming through, going to build that power I've been feeding the rhythm..

Come on help me through...