Ideal Piano is a smart piano software, the most important feature of this software is that it uses music theory logic to determine what chords are formed by the currently played notes and display them on the screen. There are three modes in total, computer keyboard free play, midi keyboard free play and midi file demo. In the play midi file demo mode, you can choose to remove the main melody through the algorithm and listen only to the notes of the chords in the bass part.

2. Please note: Clicking the play button enters the computer keyboard playing mode, clicking the midi keyboard button enters the midi keyboard playing mode, and clicking play midi enters the play midi file playing mode. Be sure to open Ideal Piano only after the midi keyboard is connected to the computer, or open Ideal Piano first, don't click the midi keyboard button, then connect the midi keyboard to the computer, and only then click the button, so as to make sure your midi keyboard can be detected properly in the software. If the midi keyboard still does not respond, then please open change_settings.exe to change the value of midi_device_id, if 1 does not work, change it to 2 to try, not then change it to 3, every time you change it, you have to save the settings and then reopen Ideal Piano.

One more thing to note, if you open the sequencer software, the midi keyboard can already be used in the sequencer software, then at this time Ideal Piano can not detect your midi keyboard, because a midi keyboard can only control one software at most, so at this time the sequencer software has already occupied the midi keyboard, Ideal Piano can not detect the midi keyboard. If you want to use the midi keyboard in the sequencer, you can use the midi keyboard in the software. If you want to use a midi keyboard in a sequencer and use Ideal Piano at the same time, there is a very simple solution. You can use loopmidi, a free software, to play midi keyboards with both arranger software and Ideal Piano.

With loopmidi, you can also use the midi keyboard to play in the arranger host while Ideal Piano can display the current notes and corresponding chords, so that you can listen to the instrument you want more easily and see what you are playing in Ideal Piano. Take FL Studio for example, first open loopmidi, create a new midi port, (click on the + sign below) and then open FL Studio, in the midi settings in the options, select the midi keyboard you are connected to on the input side, and select the new midi port you just created on the output side. Then load an instrument and set the midi output port number to the same number as the output midi port. Then open Ideal Piano and change the midi_device_id in the file config.py to the number corresponding to the new midi port you created in loopmidi, usually 1. Then remember to set the parameter load_sound to False so that Ideal Piano will not load itself! Then remember to set the parameter load_sound to False, so that Ideal Piano will not load the sound source it has set up, and will only play the sound source in the host when playing.

For some sources, even if the midi output port is set to the same loopmidi as the host, the solution is to use the midi out plugin, set the port to the same midi output port as the host, then set the input port of the source to the midi out port, and select the midi out channel to play when you play. When playing, select the midi out channel to play and receive the data. (There is also a very important point is that you must first import the source, then import the midi out plug-in, and then set the port, every time you change the new source to this order, otherwise the data still can not pass loopmidi)

4. through loopmidi can also be achieved in the arrangement of the host to play the work and at the same time Ideal Piano can also demonstrate the current notes and chords judgment, just need to arrange the host of the midi output port and the source of the midi output port are set to the same number, this number is corresponding to loopmidi your new midi port can be. For example, if loopmidi creates a new midi port called midi port A, then in the midi settings of the arranger host

Then set midi_device_id in the configuration file of Ideal Piano to the number corresponding to midi port A. Generally speaking, it is 1, but different computers and different midi keyboards may have different midi_device_id corresponding to midi port A. device_id may be different for different computers and different midi keyboards, if 1 doesn't respond, try to change it to 2, 2 doesn't work and then to 3, and so on. Save the settings file after each change

Then click the midi keyboard button to enter the midi keyboard mode, then play the track of the audio source with the midi output port in the compiler host. You will see Ideal Piano follow the same notes in real time. For some sources that are set up with midi out but still can't pass data to loopmidi, the solution is the same as in #2, use midi out as a relay station, but this is slightly different from playing with a midi keyboard. When playing with a midi keyboard, you can select the midi out track to play, and the sound will come from the source paired with the midi port, and Ideal Piano can also receive the midi signal. I can't transfer data to loopmidi because the midi out track is empty and there are no notes. The solution I found was to override the notes from the track of the source with the paired midi port into the piano window of midi out, then mute the track of that source and let midi out play only, then I could hear the sound of the track of the source when it was not muted before, and I could also transfer data to loopmidi, so Ideal Piano can also receive the midi signal in real time. Here I really want to say that loopmidi is really good qwq (although in some cases need to detour a little, but still achieve a lot of things)

5. if you want to use Ideal Piano on mac, because I do not have a mac computer, so can not do mac executable applications, so you can first install python (preferably the latest version), and then write pip install pygame in the cmd, enter.

Open the file "Ideal Piano start program.pyw" and you are ready to use it. Please note that python must be installed in 32-bit version, otherwise it may not open. If you encounter any problems, please contact me immediately.

6. You can set the path of the sound source when you play the piano, and the format of the sound source file should be unified.

In config.py you can set the sound_format of the sound source file (such as wav, mp3, ogg, etc.) and the sound_path of the sound source file.

7. Update: 2020/12/27 added a new way to view the current midi device connection of your computer in midi keyboard mode, and if your midi keyboard can't connect with the midi_device_id currently set, you can view which id corresponds to the name of your instrument. And it will show you the error message (the specific reason why you can't connect). After clicking the button to enter the midi keyboard mode, press the shift key on the computer keyboard to display the id of the current computer default midi device, and the names of the midi devices

with ids 0 to 9 respectively, one of which should be your instrument. Then if your midi keyboard is not connected, a specific error message will also be listed at the end of the display. You can turn off the display by pressing ctrl.

8. Update: 2020/12/27 Currently I have also improved the software's midi piano reading code logic a lot, now there is no need to open the midi keyboard first and then open the software, you can open the software first and then connect the midi keyboard and open the midi keyboard and then click the midi keyboard mode button to identify the midi keyboard (in the midi_ device_id on the case of your instrument), turn off the midi keyboard, then open it again and click the back button and then re-enter the midi keyboard mode, the software will re-identify the midi keyboard, then you can continue to play (before, you need to re-open the software once qwq, now you do not need)

If you have encountered any problems needing help or have any feedback on the use of please add my qq number 2180502841 with me, thank you for your support ~