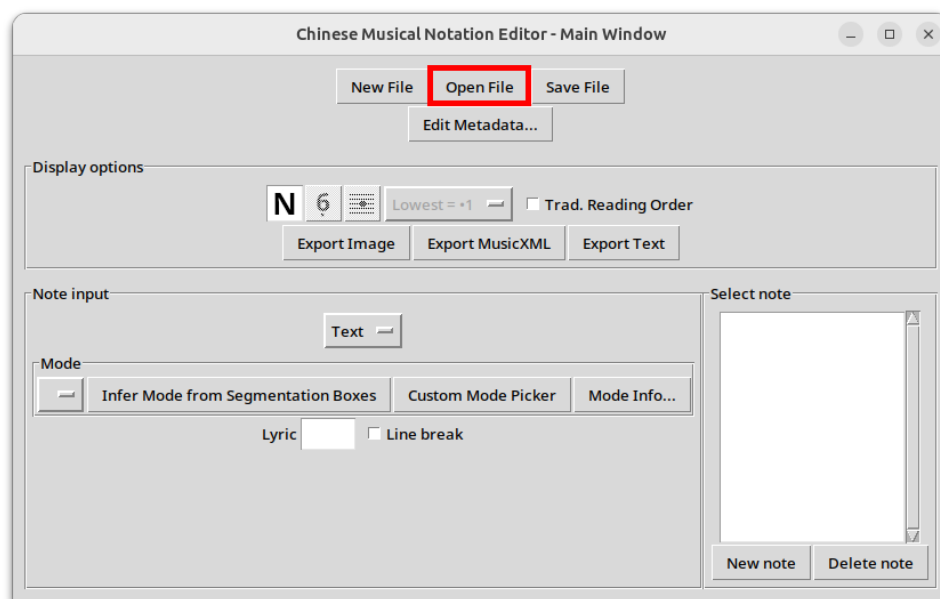APPENDIX **D**

Tutorial: *Chinese Musical Notation Editor*
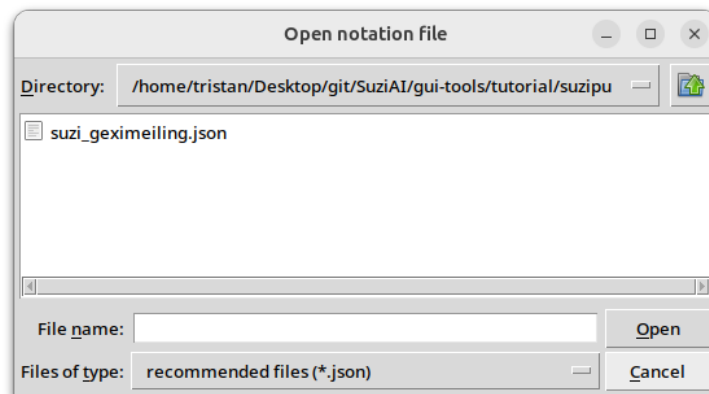
Here, a tutorial for the *Suzipu Notation Editor* is given. To get familiar with its features, the piece *Geximeiling* is opened.

Opening the File
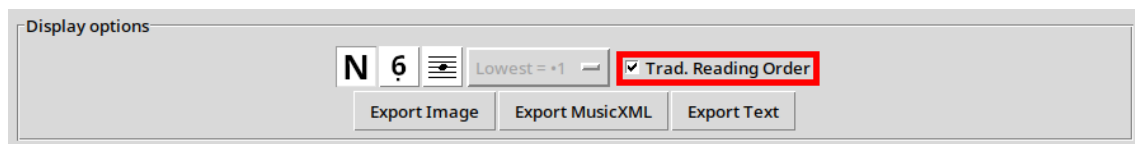

Using the button `Open File, ...`

...click on the file `01_geximeiling.png` inside the *suzipu* tutorial folder `./gui-tools/tutorial/suzipu`.
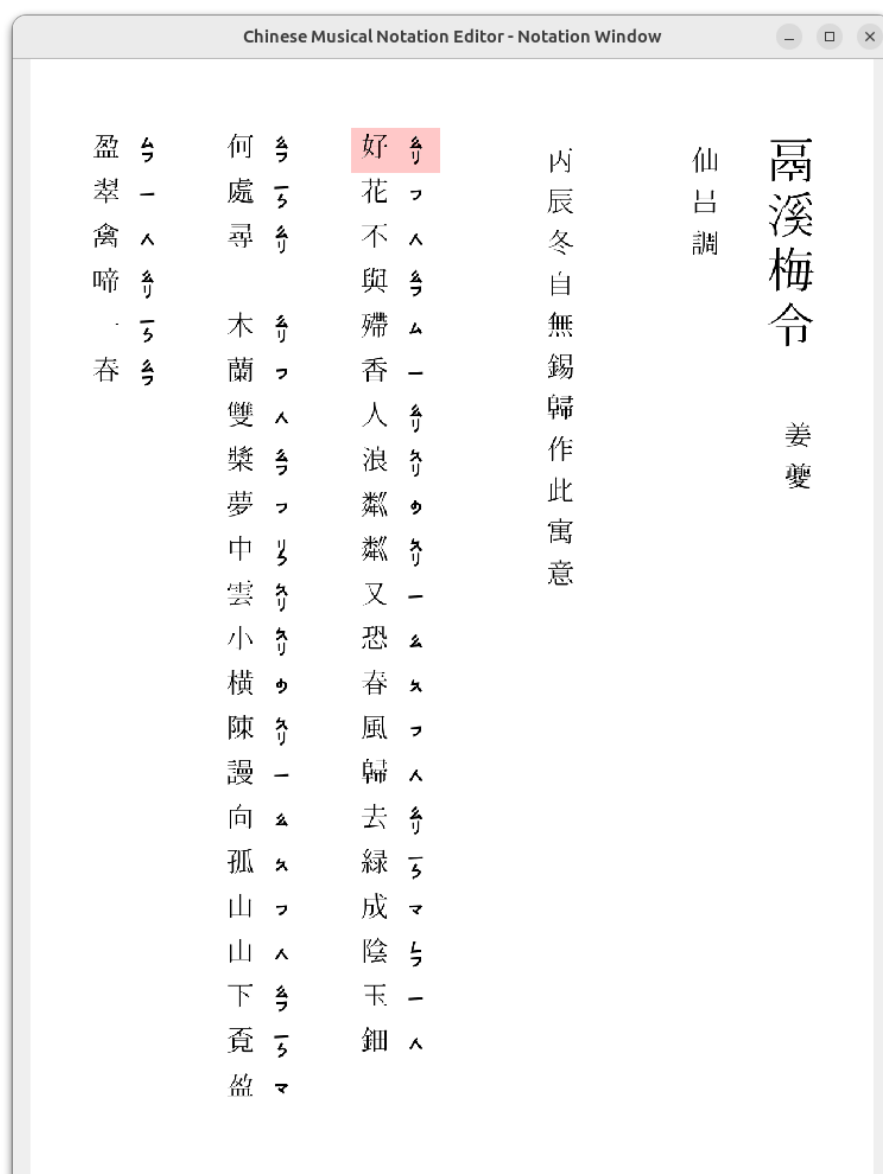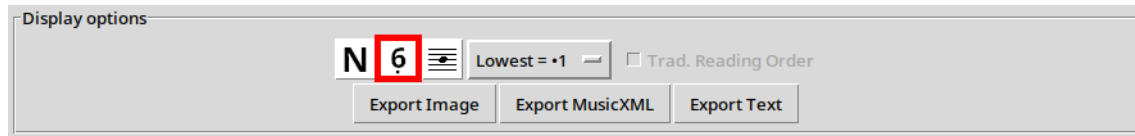
Basic Features

Now, the contents of the file are visible in the `Notation Window`, by default using the piece's original notation, but in modern reading order.

We can also change the display to traditional reading order using the checkbox `Trad. Reading Order`,...

...which accordingly changes the rendered image to feature the traditional reading order.

The notation tool also features modern musical notations such as Chinese number notation (*jianpu*) or staff notation. By changing the notation type by clicking on the *jianpu* button, …

…the rendered image is adjusted to display the piece's contents in *jianpu* notation.
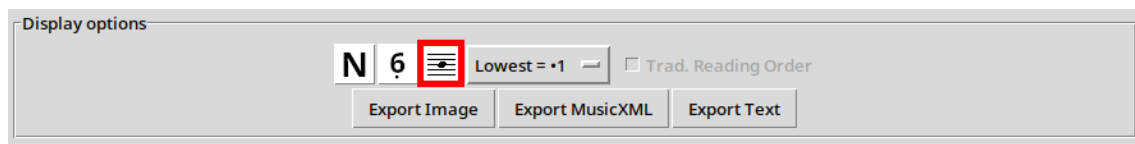
Staff notation is activated by clicking on this button, ...

...and again, the rendered image inside the `Notation Window` adapts accordingly. For this tutorial, we will keep the staff notation display.

Since the notation in this form contains many accidentals, choose the `Transposition` option to be `Lowest = •6`.

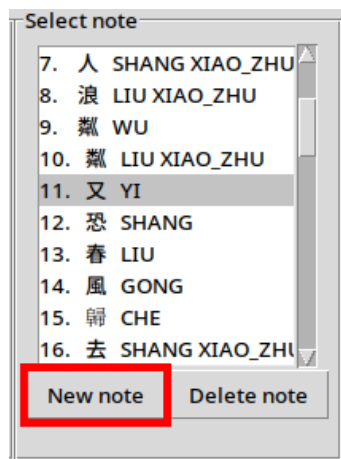With this, we can get a nearly accidental-free display of this piece.

In the `Notation Window`, when executing right click on a note box, the box is selected and marked red.
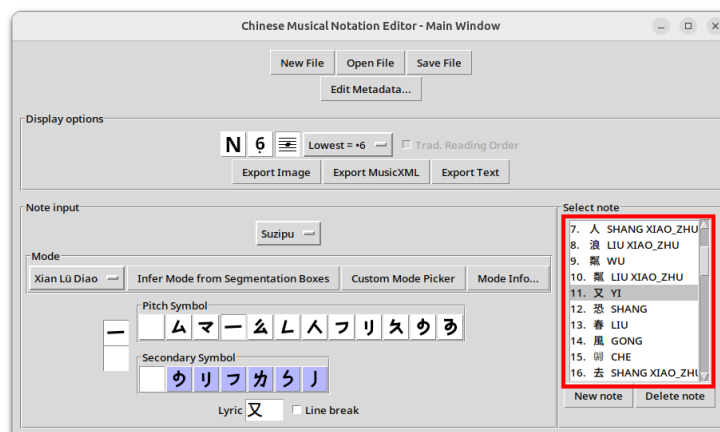
At the same time, the note also is marked in the `Select note` group. Using left click, other entries in this listbox can be selected.

Using the button `New Note`, ...

...empty boxes are created after the originally selected one, and the new note box is automatically selected.
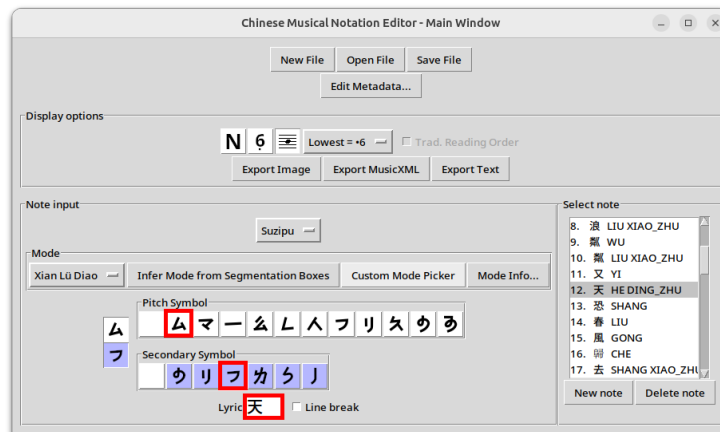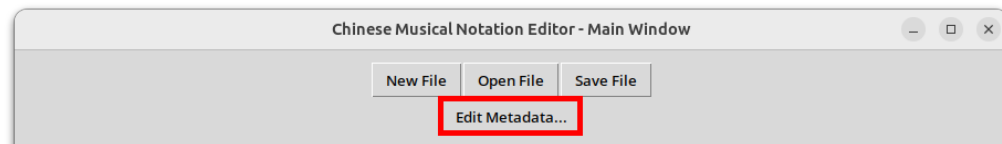
The widgets in the `Note input` group are analogous to those of the *Chinese Musical Notation Annotation Tool*. Here, the piece's mode can be changed and information about the mode can be displayed. Also, the current note's notation, lyrics and line break can be adjusted, …

…and the changes are immediately applied, as reflected in the `Notation Window`.
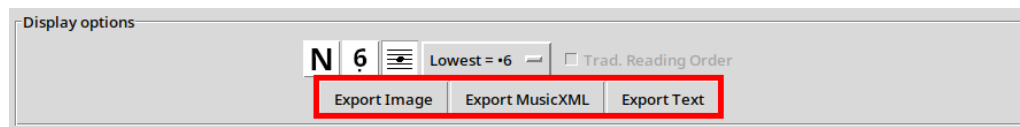
Editing Metadata

Using the button `Edit Metadata...`, ...
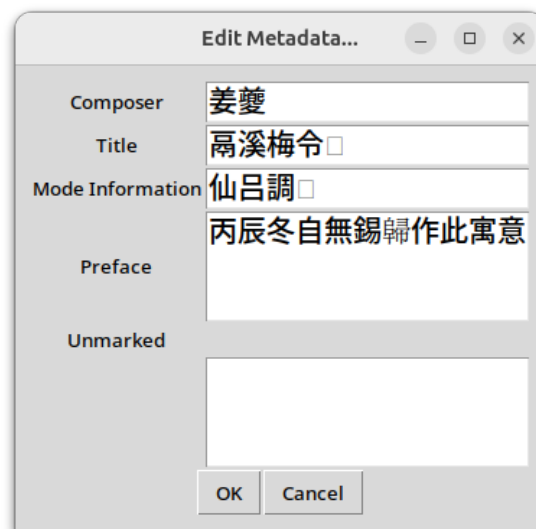
...a new dialog appears, where the piece's composer, title, preface, mode name and additional information can be entered.

Export to Other Formats

Using the button `Export Image`, the notation as displayed in the `Notation Window` can be saved in PNG format. With `Export MusicXML`, the piece is first saved as MusicXML wit the notation-specific transnotation scheme, and with `Export Text`, the contents of the piece are exported as a human-readable text representation.