



User Manual

Arabic Noun Inflector *Full-form Declension Generator*



MAPS Ortho© Lite
(Declension)

Version 2.00

Coverage of this document

This document is the full text user manual for MAPSOrtho© Lite (Inflector) version 2.00.

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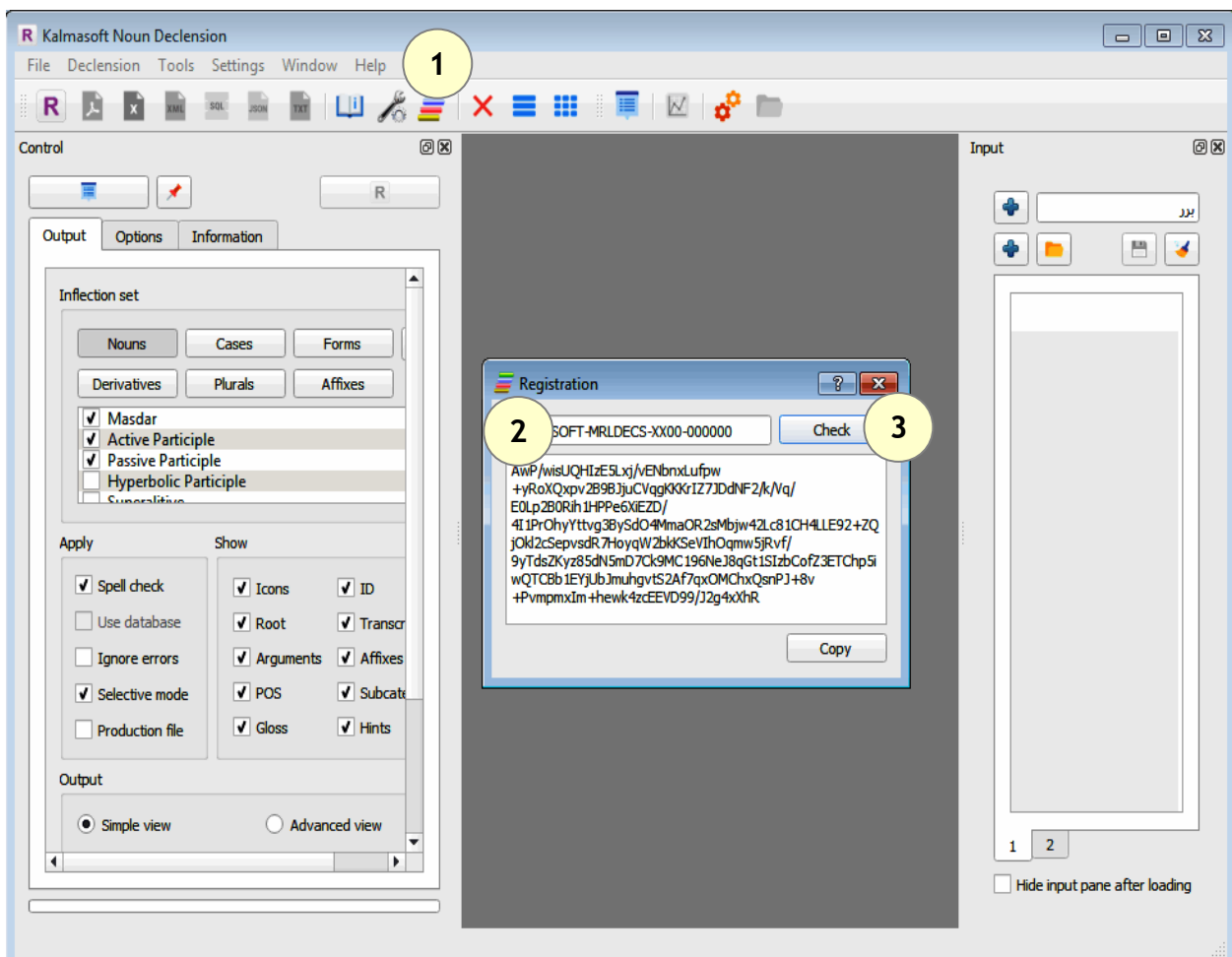
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Licensing the software

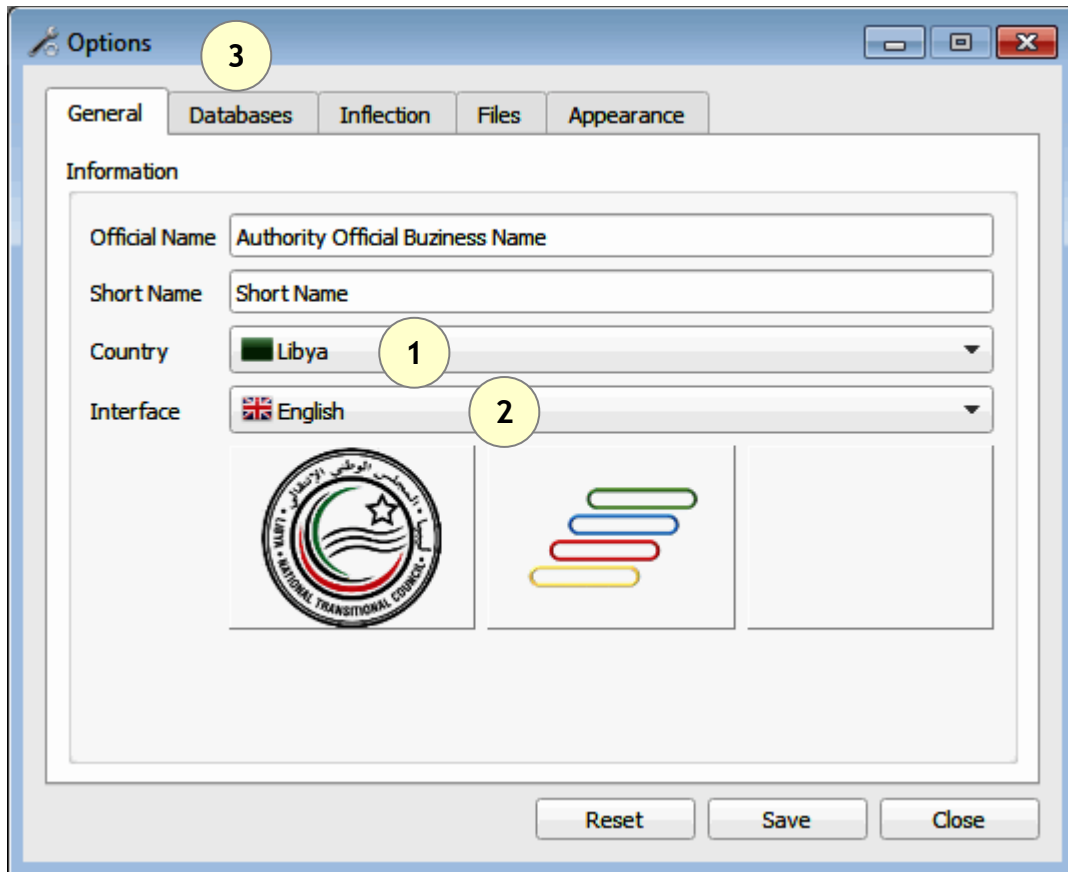
1. Download KALMASOFT Library rar archive and install it. You do not need this if you have installed any of KALMASOFT's applications before.
2. Download the software rar archive and install in the same folder.



- Enter the registration key (KALMASOFT-MRLDECS-XX00-000000)
- Click (Check) and send the generated key to KALMASOFT to get your registered copy.

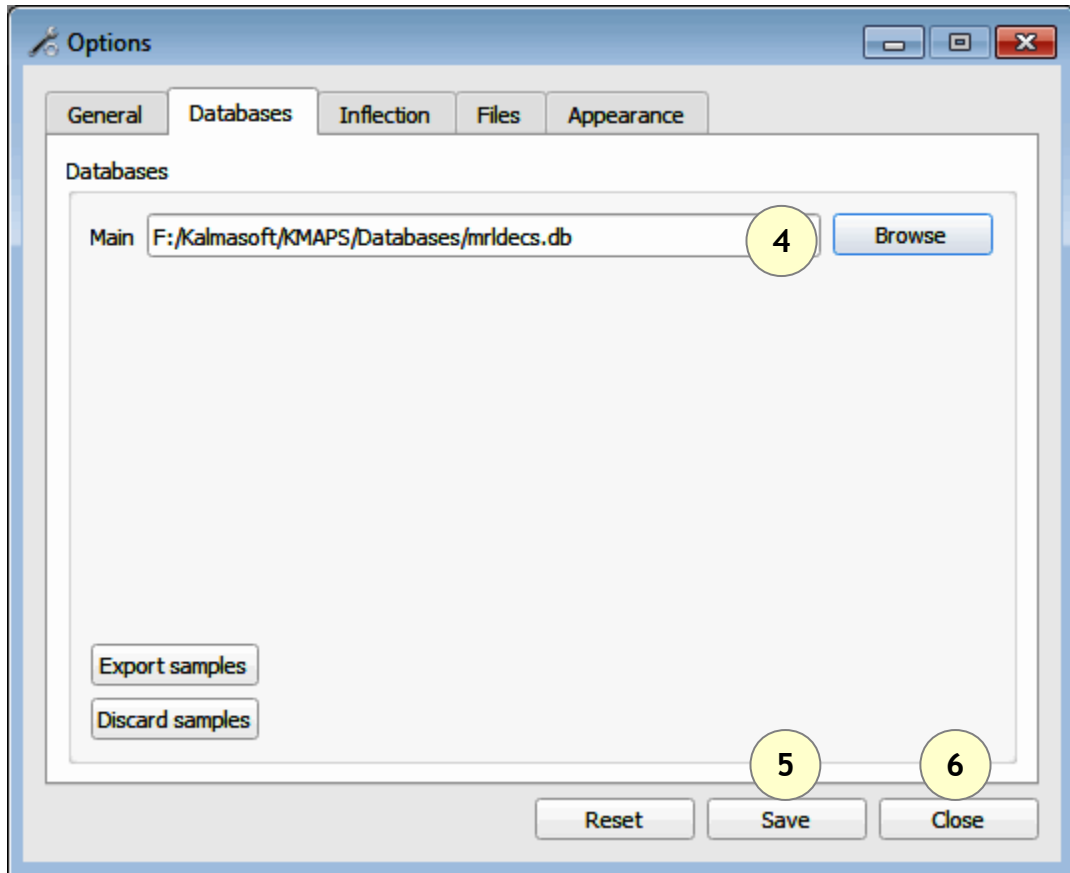
Working with samples

- The system is ready by default for input but, you may need to work with samples.
- Click on the Options button () on the menu bar.



- Set country and language according to your preferences.
- Open the Databases tab (3).

Setting the samples database




Set database to **C:/Program Files/Kalmasoft/KMAPS/Databases/mrldecs.db**

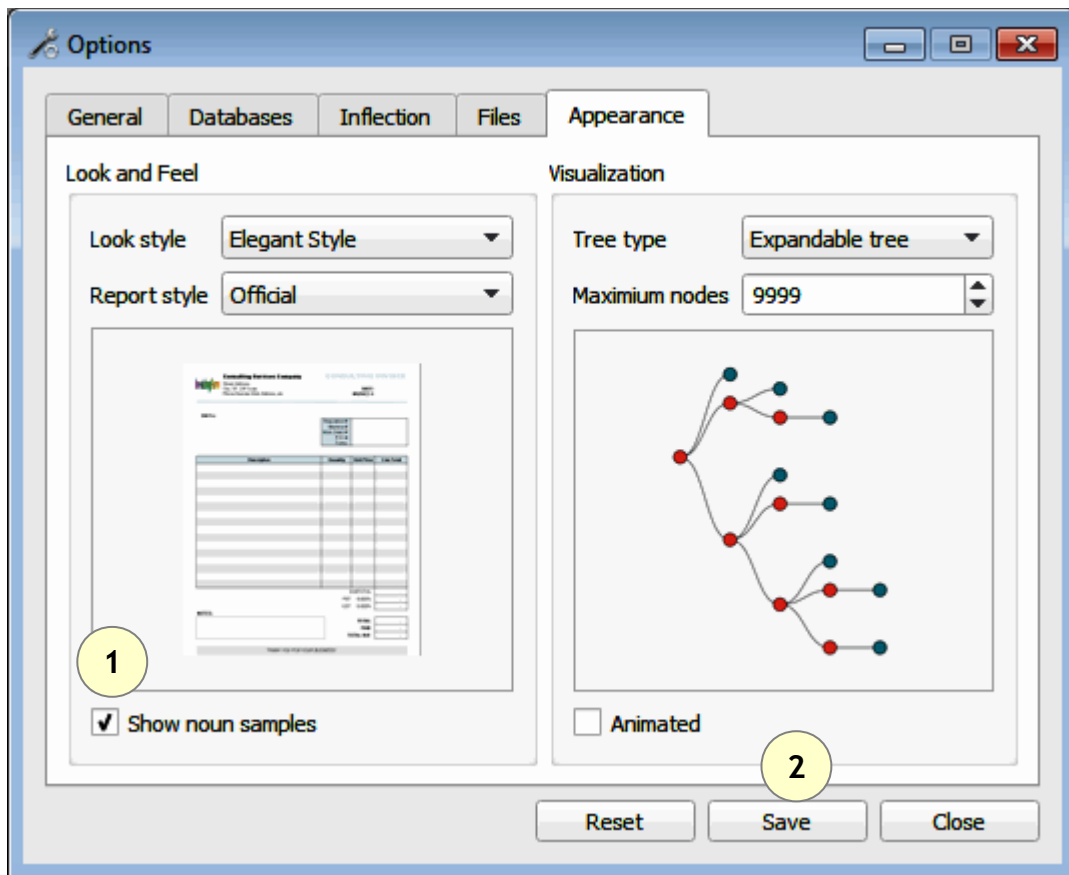
Depending on your installation folder, the above path may differ slightly but the part (**Kalmasoft/KMAPS/Databases/mrldecs.db**) should always remain valid.

- click (4) to Browse, set the database as highlighted above
- save (5)
- and close (6)

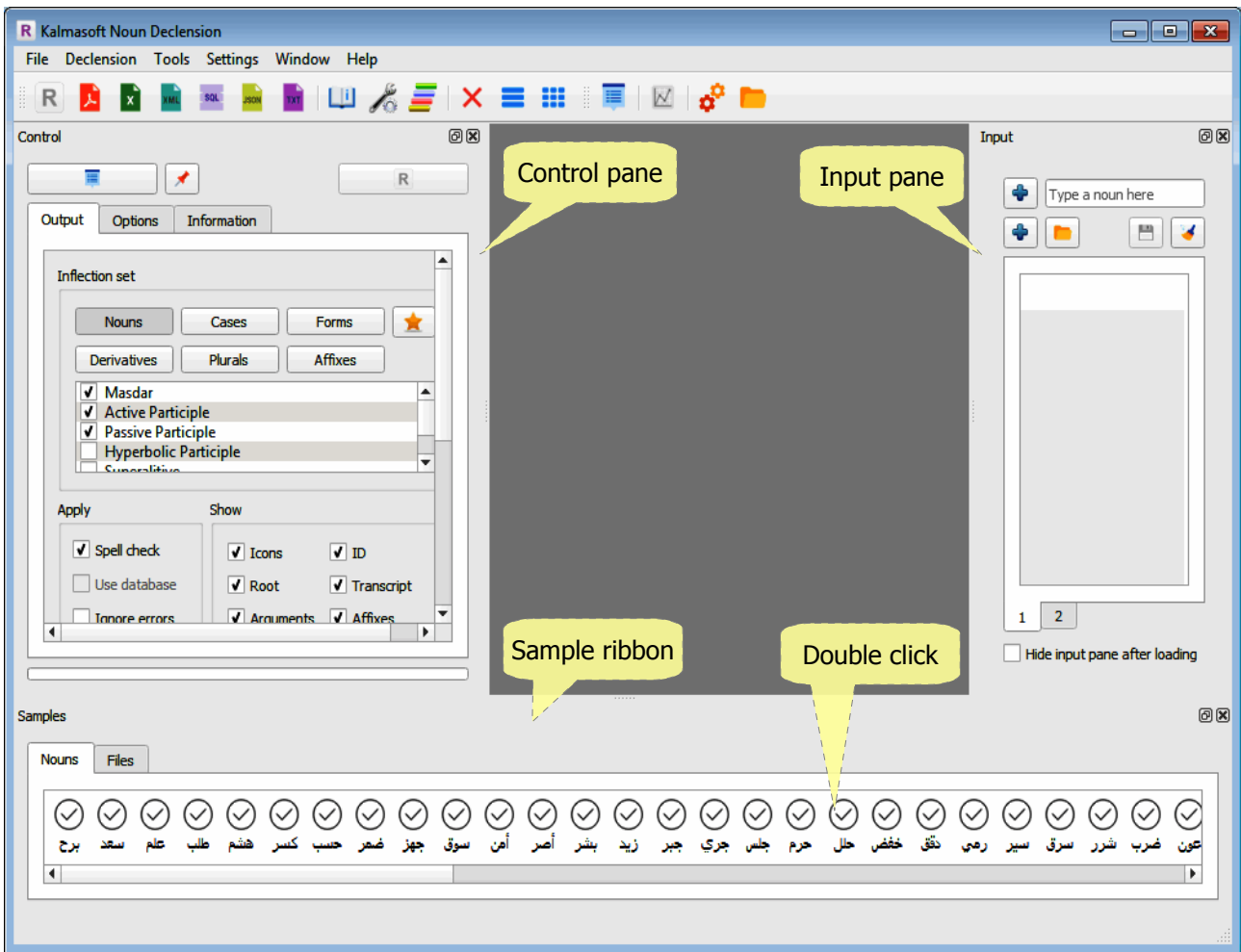
You must restart the program for the setting to be effective.

Showing the samples ribbon

- Click on the Options button () on the menu bar.
- Switch to Appearance tab, check the box (Show noun samples)
- Click (Save)



The samples ribbon should appear immediately.



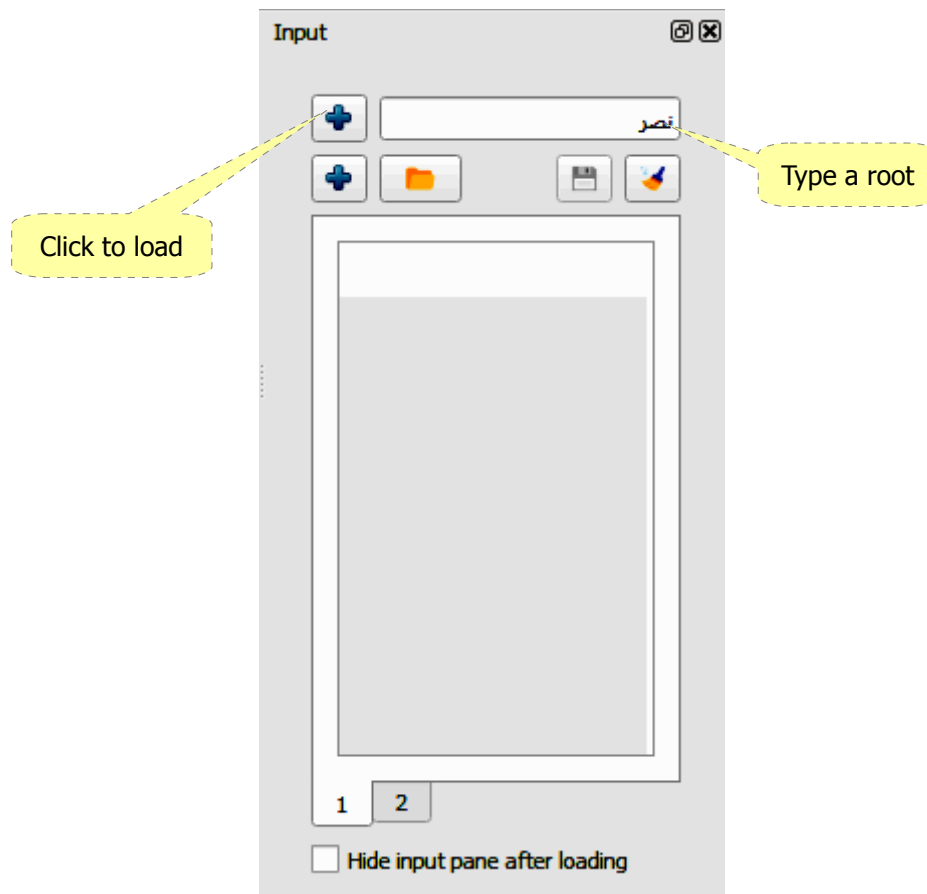
Double click any noun from the sample ribbon, a noun card will appear.




Working with user input

Declining a single noun from the input pane

- Type an Arabic root in the input line.
- A noun card will appear.
- Click the card button to decline.




Saving a single noun

- Sample nouns are saved in the local database.
- Nouns are saved for reference only and not meant to be too many.
- A noun can be saved only after declension by clicking the button ().
- Saved noun appears immediately in the sample ribbon.



Applying custom setting

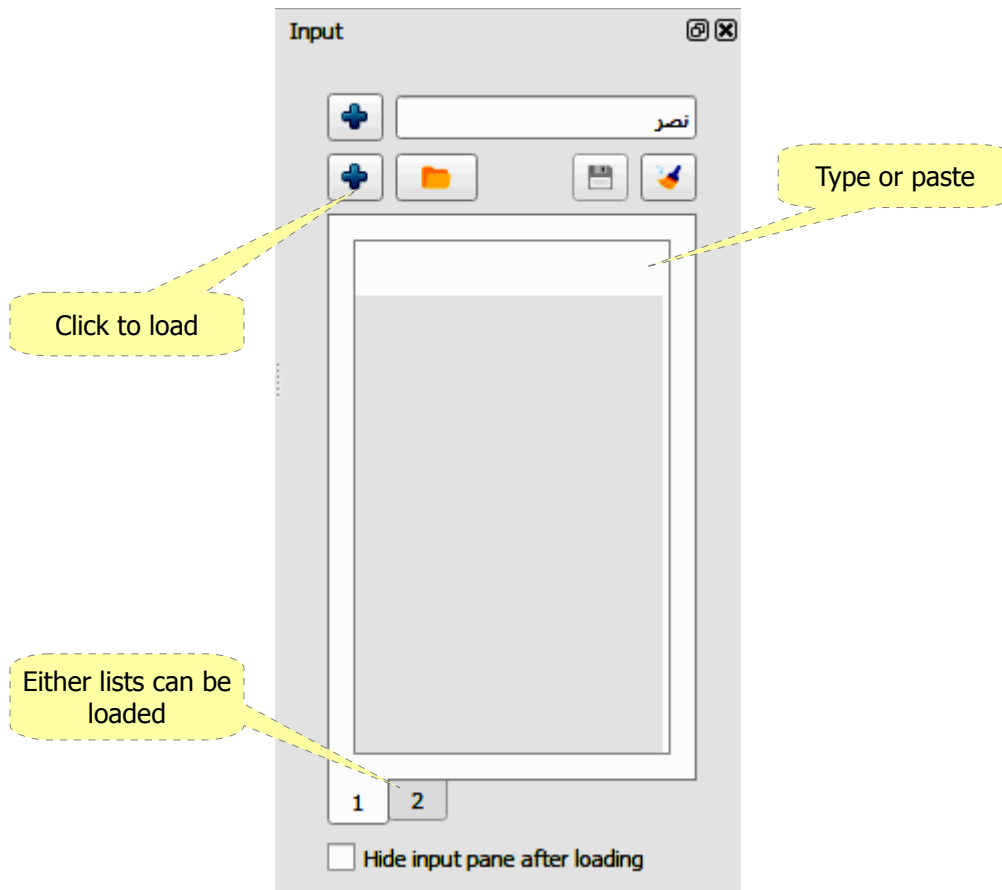
Custom settings are saved along with each single noun, click on the () button to reassign the same saved settings.

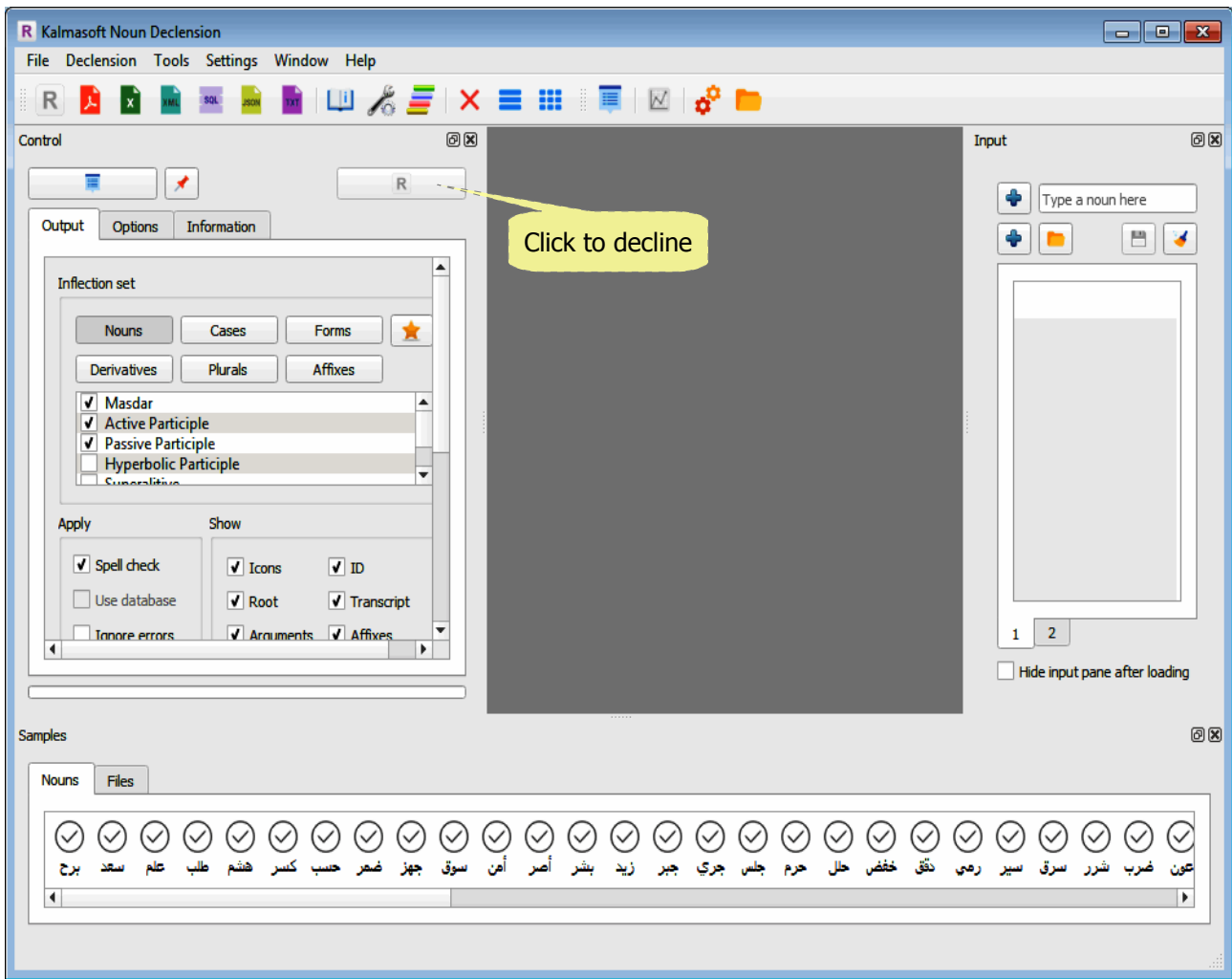
Deleting a single noun

- Select the noun from the sample ribbon.
- Press the (Delete) key from the keyboard.

Declining a list of nouns

- Type a list of Arabic roots in the input area.
- Click the button (+) to load the roots.



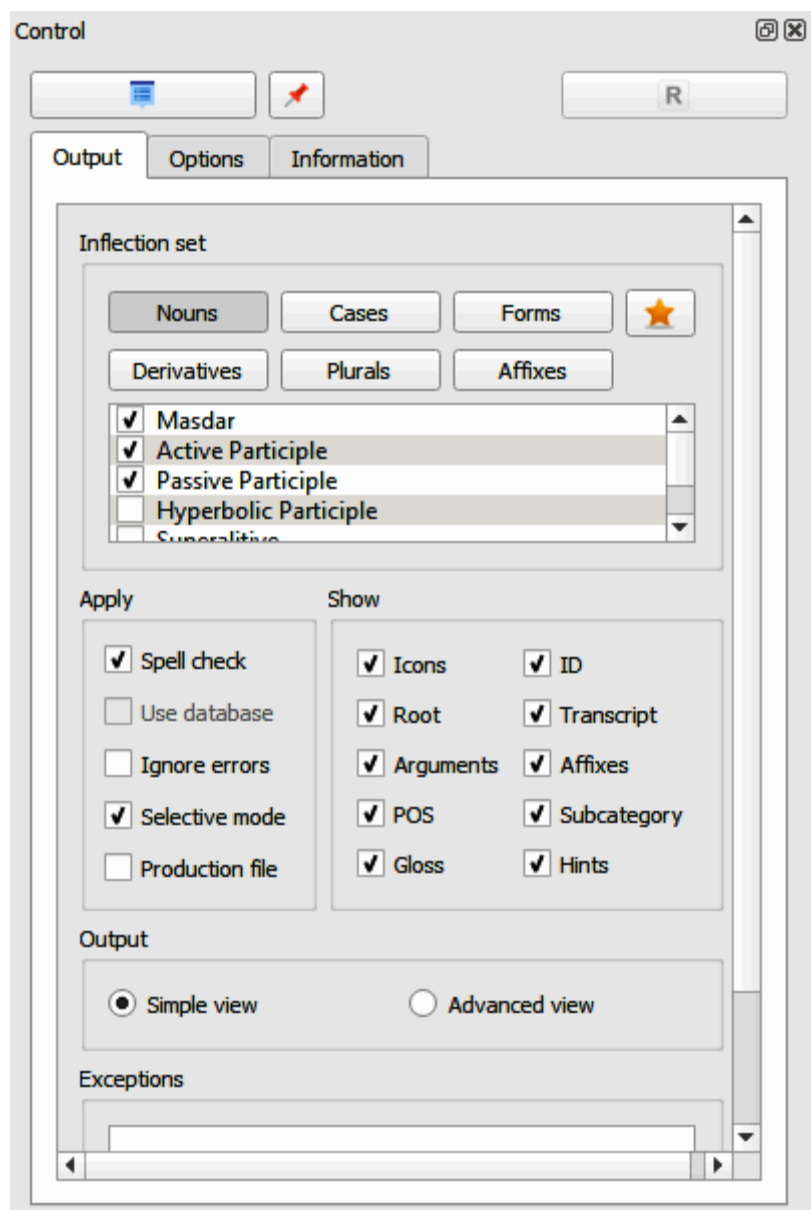


- Click the button (**R**) in the control pane to start declension.
- You may select the view type as you want from the same pane.

Adjusting system output

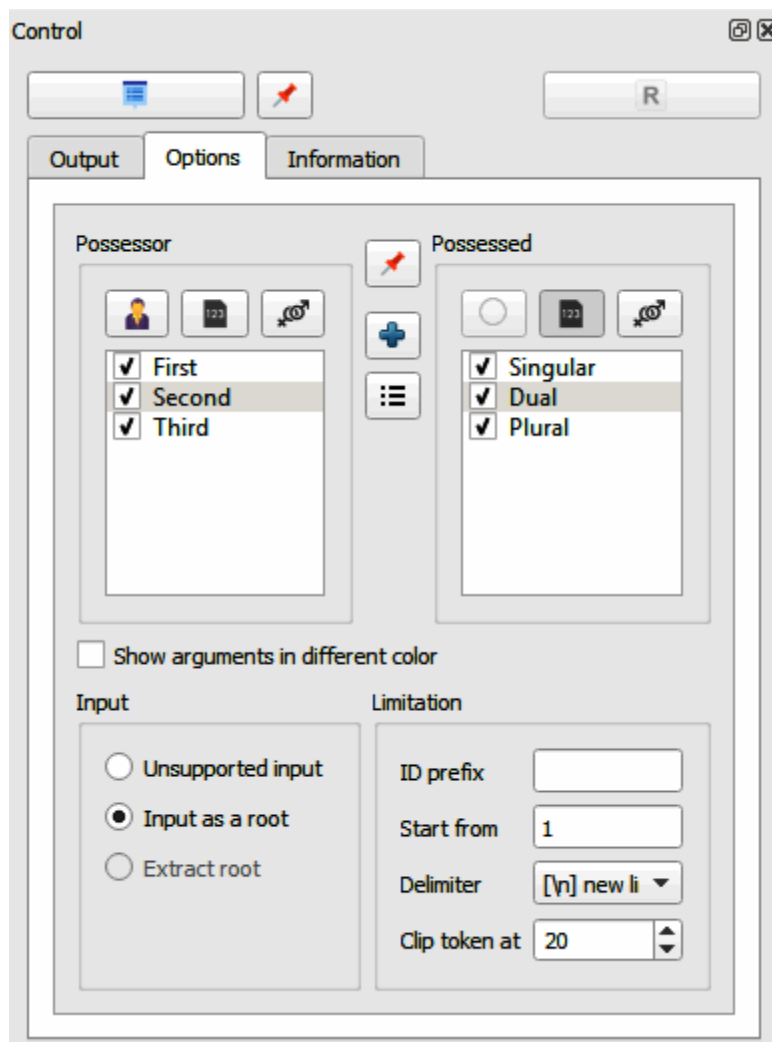
Adjusting grammatical subclasses

- Set the grammatical subclasses by first selecting the major subclass, fine tune the details as needed.
- You may click on button (★) to select all items in the currently selected subclass.
- You may save your settings as default by clicking the button (📌) on top.



Adjusting declension arguments

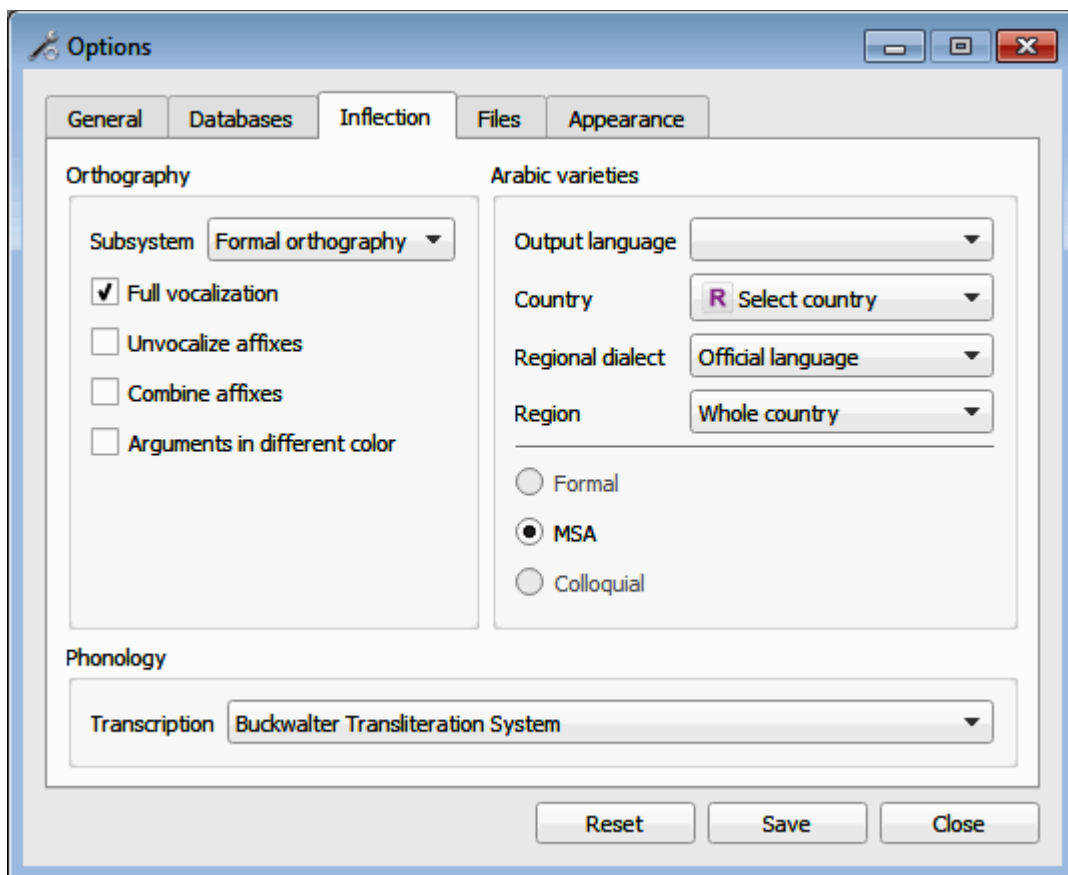
- Click the (Options) tab in the Control pane.
- Click on the argument e.g. Person, a list will show up, select the details.
- You may click on button (+) to select all the arguments.
- You may enter an ID prefix to be shown along with the serial IDs.
- You may save your settings as default by clicking the button (📌) in the center.



System settings

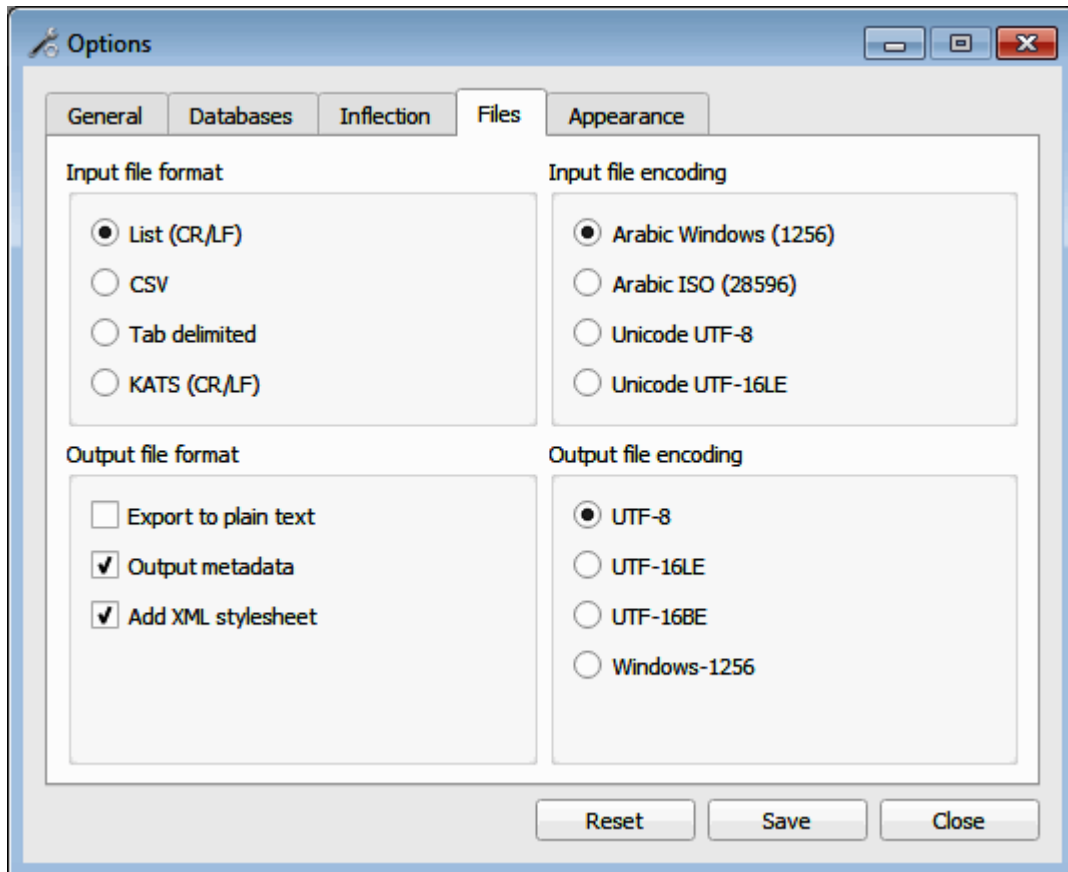
Setting language transcription

- Open the Options screen, click on the Inflection tab.
- Select the transcription system.
- KATS is the default transliteration system.
- Click Save.





Exporting the declension results

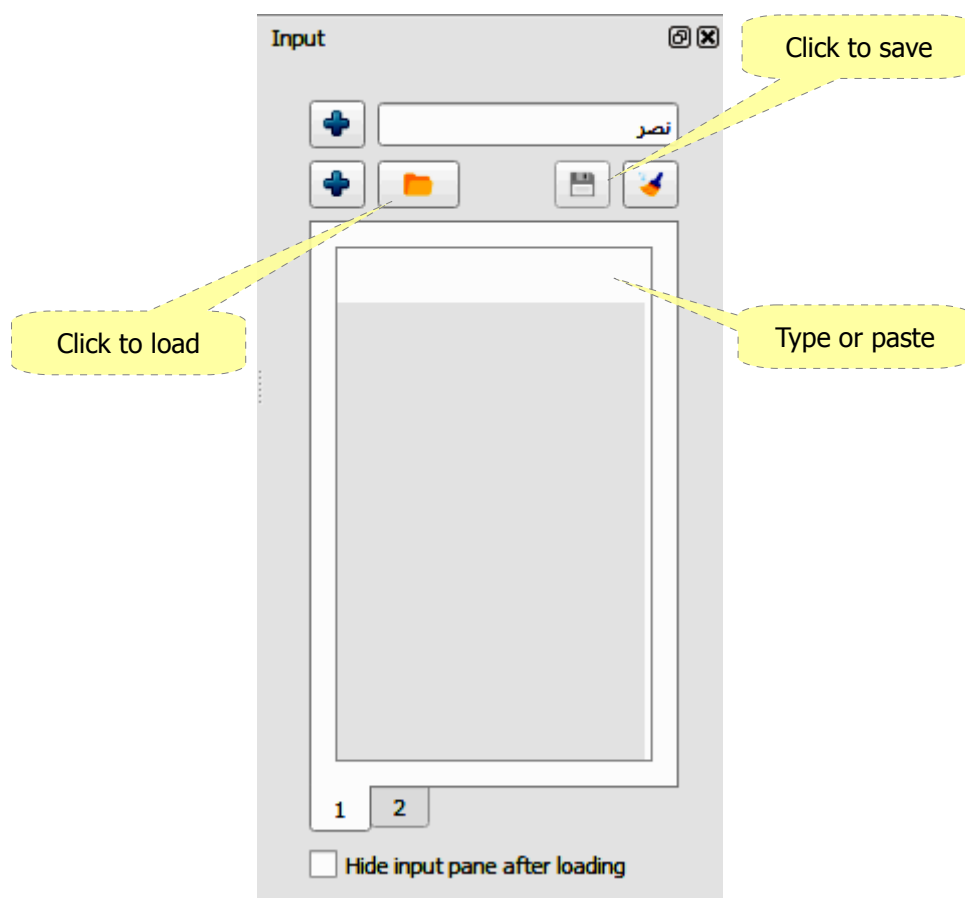
- Set both file format and encoding as needed.
- By default, exporting to XML will also generate a style sheet file for nicely laid-out contents on the browser, uncheck option (Add XML stylesheet) if you don't need it, the same applies to Metadata option.




Working with files

Saving noun list to file

- Paste a list of noun or roots to the space shown below.
- Click on button () to load the list of nouns.
- Once loaded click the button () to save the list to file.
- The file name will appear in the sample ribbon, under the “Files” tab.
- Double click the file name to load all nouns saved.



Loading files

- Click on button () to browse for the file.
- Double click the file name to open, the file name will be imported to the ribbon.
- Double click the file name in the ribbon to load the nouns saved.

Visualization

- Animated interactive tree visualization is limited to 500 nodes to be responsive.
- Use the mouse to expand and pan the tree.

