LEXUS Tutorial Exercise

After the tutorial you will be able to:
- Create a lexicon structure
- Define a word list view
- Share your lexicon with other users
- Use filters and searching
- Import/export your lexicon

Use the A4guide for quick reference. More info is at: http://tla.mpi.nl/tools/tla-tools/lexus

Step 1: Starting Lexus

You can find LEXUS at: http://tla.mpi.nl/tools/tla-tools/lexus/
Choose Start the LEXUS 3.0 Release Candidate

Login with username and password that have been provided.

Step 2: Create a New Lexicon

Create a new lexicon clicking on the plus icon at the bottom left of the screen.

Give your lexicon:
-Name
-Description

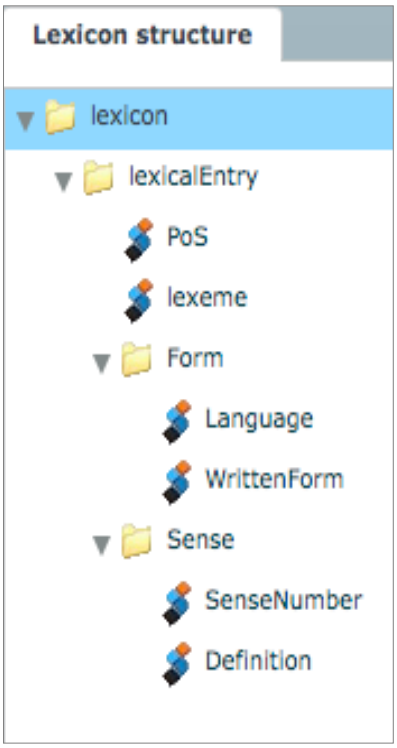
Step 3: Lexicon Structure

Switch to "Schema and View Editor" and create a structure for your lexicon.

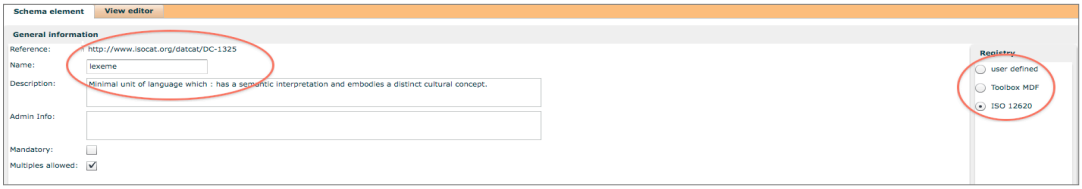
Click on the plus icon at the bottom left of the screen and choose to add a data category.

Use the following structure:

- *Lexeme* and *PoS* under *Lexical Entry;*
- *Language* and *WrittenForm* under *Form;*
- *Sense number* and *Definition* under *Sense*



Change the data category type of ‘Lexeme' from *User Defined* to ISO.



Step 4: Define a list view

Go to “View Editor” and select “List view”.

Define the word list view such that the value for the 'lexeme' data category will appear in the word list.

Add some formatting to the selected data category using the decorator.

Step 5: Entering Entries

Switch to Lexicon Editor and enter the three following lexical entries:

1. Teacher (n), (English, teacher) (French, Instituteur), (1) a person who provides schooling for others.

2. Guru (n), (English. guru) (French, guru) (French, maître spirituel), (1) someone who is regarded as having great knowledge, wisdom and authority in a certain area, (2) someone guide others in a certain area (teacher).

3. Hinduism (n), (English, Hinduism) (French, Hindouisme), (1) the religion of most people in India, Bangladesh, Sri Lanka, and Nepal, (2) a religion characterized by a belief in reincarnation, by a belief in a supreme being of many forms and natures.

Step 6: Lexical Entry view

Switch back to *Schema and View Editor*. Select *View Editor* and choose for *Lexical Entry view*.

Create a lexical entry view to define the look of your entries, using the *Structural elements* at the right of the screen.
Either modify the existing default view or create a new one and set it as the one that is used for your lexicon.

Step 7: Sort Order

Switch to *Workspace* and select *Sort Orders*.

Choose the existing sort order and modify it in such a way that the entries you entered appear in this order in the word list:

1.Teacher
2.Guru
3.Hinduism

Don't forget to apply the sort order!
In order to do that switch to *Schema and View Editor* and select the sort order you want to apply to your lexicon.

Step 8: Sharing

Switch to *Workspace*, where you can share your lexicon with different users. You can give them rights to read and/or to write you lexicon.

Give the user Alexander Koenig read rights to your newly created lexicon dragging and dropping the name from the *Lexus Users* to the *Readers* tab.

Step 9: Filters and Searching

Switch to the *Lexicon Editor* and select *Filters*. Clicking on the plus icon at the bottom left of the screen, a tab will appear where you can insert the name and the description of your new filter.
Configure it in such a way that the lexeme begins with “g”.
Add a further element: “part of speech is n”
Save your new filter.

Note that when two structural elements are sisters they are at the same level in the structure, thus the second one begins with ‘OR’. In the case in which a structural element is child of another, it will begin with ‘AND’.

Within the *Lexicon Editor* switch now to *Lexicon*, in order to apply the filter to the lexicon you previously created. As result, only the lexical entry “Guru” should appear.

With the same procedure you can create a *Query Search* that you will be able to reuse, or an *Ad Hoc Search*, for the particular needs of each time. Switch to *Workspace* and select *Search*.

Step 10: Exporting

You can export your lexicon in two different formats: .pdf or .xml.
Switch to *Lexicon Editor*, select *File* and choose the format your exported file should have.

Notice that in order to export to a .pdf file you need first to have selected a Lexical Entry View that has to be called PDF.
You can either rename the Lexical Entry View, or create a new one that you are going to call PDF. (See Step 6!)

Step 11: Importing

You can then reimport in Lexus the XML file you just created. Check if the process importing/exporting works correctly.
To do that, switch to *Workspace*, select *File* and choose *Import Lexus XML.*