

LEXUS lexical resource tool

LEXUS is a web based software for the creation on multi-media lexica.

Requirements:

- A web browser (Firefox is recommended).
- LEXUS is at: <http://corpus1.mpi.nl/mpi/lexus/>
- Send an e-mail to Jacqueline.Ringersma@mpi.nl to obtain a LEXUS account

1. Login to LEXUS

2. Create a new lexicon

- In the LEXUS start screen choose under the left frame.
- Enter a title and description for the lexicon and

3. Define the lexicon scheme (Figure 1)

Before you can insert lexical entries you need to define the lexicon scheme. A scheme consists of data components and data categories. LexicalEntry is the core of the lexicon; it consists of two default components: Form and Sense. Data categories (the elementary descriptors in the linguistic structure) are elements of the components.

- Open the schema editor by selecting your lexicon in the left frame of your workspace and clicking **Lexus Schema and View Editor** in the top menu;
- In the tree, click the component to which you want to add a component or data category;
- Click and select **New Data Category** (or **New Component**);
- Add a name and a description in the appropriate boxes
- Activate **Mandatory** to ensure that each lexical entry has at least one value for this data category;
- Activate **Multiple values** to allow for multiple values of the data category;
- To save, click
- You can change the type of a new data category from user defined to toolbox MDF or ISO 12620 in the right frame **schemaElement**

Toolbox MDF → click **Toolbox**, select a data category in the list and click to insert
ISO 12620 → click **ISO 12620**, search for a data category, select it in the list and click to insert

4. Define the list view and the lexical entry view

After you have defined the lexicon scheme you need to define how your data will be represented on the screen. The list view defines how your data are shown in the word list; the lexical entry view defines the representation of your lexical entries.

- Open the **Schema and View Editor** from the top menu and click **List View** in the right frame
- Drag the data categories which you want to be shown in the word list from the tree in the left frame and drop them in the **Preview** section
- Select the data category and add any required text and adjust the layout and font format by choosing options from the bottom
- Click on **Lexical entry view** to define the layout of your lexicon entries
- Choose the data categories which you want to be shown from the drop down menu;
- Add any required text and adjust the layout and font format by choosing the options from the menu
- Save the word list view or lexical entry view by clicking or **View --> Save** in the main menu
- To re-edit existing views follow the same steps again

5. Insert a new lexical entry

- To insert a new lexicon entry, choose the **Lexical Entry Editor** from the top menu;
- Click to add an entry to the word list ("to be specified");
- Select the **Tree** tab in the left frame and edit the entry information in the right frame;

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6. Setting sort orders (Figure 1)

- To create a sort order, go to your workspace and open **Sort Orders** in the left frame;
- Click **New** and enter a name and a description, when done click **Save**;
- Your new sort order will appear in the right frame. You can edit it by either clicking on the respective line or by clicking **Add** and **Remove**. To create a sort order without the default, select **Clear all**;
- If you want to use a combination of characters, either as initial character or as element of the characters to be sorted, put them in square brackets, e.g. 'a' - 'aA['a]['A], or 'ng' - [ng][NG].
- To apply sort orders for data categories go to **Schema and View Editor**, click on the appropriate data category and select a sort order from the drop down menu at the bottom of the right frame

7. Sharing your lexicon

If you want to share your lexicon with others, you need to grant them either reading or writing rights.

- To set reading rights, go to your workspace and open **Readers** in the right frame;
- Click **Load users**, select the respective users and add them to **Readers** via drag-and-drop;
- To set writing rights, go to your workspace and open **Writers** in the right frame;
- Now follow the same procedure as for setting reading rights.

8. Multi Media

If you want to add multi media to your lexical entry you need to supply both a header for the file and the file itself:

- Go to the **Tree** tab in the left frame of the **Lexical Entry Editor** and select the data category to which you want to add a multi media element.
- Add a media file to the same data category by selecting **Multimedia** and clicking **Import** on the file upload frame;
- If you also want to add a header for the file, you may supply a value in the data category box on the right;
- Click **View** and **Save** in the top menu

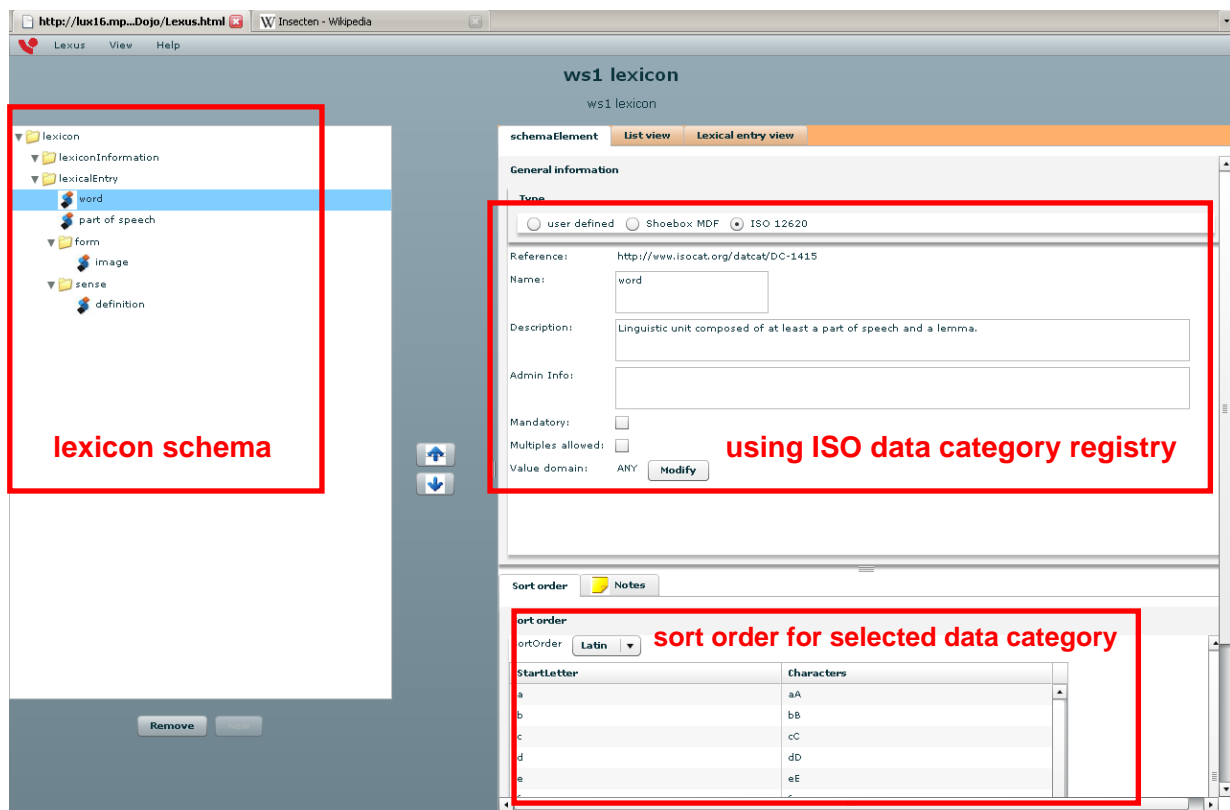


Figure 1