

ELAN-to-LaTeX 1.0 user guide

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This guide shows the simple steps necessary to use the ELAN-to-LaTeX script. The technical documentation contains some additional information. The necessary Command prompt/Terminal usage is also explained below. It is assumed the user has Python¹ installed on her computer. The script has been tested on Python 3.4+ and is not guaranteed to work on earlier versions.

Please notice that the script (currently) works only with the accompanying ELAN-template²

1. Make sure you have all the necessary files:

```
elan-to-latex.py
etl_conf
```

The `elan-to-latex.py` file contains the script, and `etl_conf` is a configuration file where you specify all the information necessary for running the script.

The easiest way to use the script is to include both files in the same folder with the ELAN files.

2. Fill in `etl_config`

You can open the configuration file in any basic text-editor. Specify input files, the desired output file (or keep the default) and the gloss elements you want in SMALL CAPS in their respective places. Some instruction are given in the file as well.

3. Open Command Prompt/Terminal and change to the correct directory

Changing the working directory is not strictly necessary. You may just open the Terminal and skip the rest of this step.

The first thing you need to do is to change the working directory to the folder where the script is. This is done with the command `cd`. You

¹See www.python.org for more information

²The template is by Nailya Philippova and included with her permission.

will originally be in your home directory. All filepaths are specified with respect to your **current** directory. To get to the directory **Documents** that is situated in the home directory, you will simply write `cd Documents` and press **Enter** (Note this is only an example and your directory structure may vary, you can find out the contents of your current directory with the command `ls` on UNIX/Linux or `dir` on Windows). If you want to enter a folder named **elan-things** inside the folder **Documents** you will write `cd elan-things` and press **Enter**.

You can of course use longer filepaths so you don't need to go through the folders one-by-one. To access the folder **elan-things** in one step from the home directory, you want to write `cd Documents/elan-things`. The filepaths can be arbitrarily long:

```
cd Documents/elan-things/more-things/funny-things/last-folder
```

4. Run the script

You can run the script using the command `python` (or `python3`). Enter `python elan-to-latex.py` on the command line and execute. If you skipped the last step and did not change your working directory to the one where the script is situated, you may run it by specifying the filepath of the script: `python Documents/elan-things/. . ./elan-to-latex.py`. The script will print out error or warning messages when necessary, successful execution will result in a file with the name you specified in the configuration file, `lingex.sty` by default.

5. Import the commands into your \LaTeX -document.

The output file functions as a package containing the commands. To use the commands, include the line `\usepackage{lingex}` (or again, whatever output filename you specified but without the extension `.sty`) at the beginning of the LaTeX document.

The command names are derived from the names of the segments in the ELAN file. Thus, the command corresponding to a segment labelled “SI_HH_1” is `\SIHHOne`. Unfortunately \LaTeX -commands can't contain digits or many other special characters, so they have to be omitted at the expense of readability. Digits are replaced by their respective words.