Setup External Software Options

The computational linguistic tools in the NLP-Suite rely on a number of external software packages: Stanford CoreNLP, the core parser and NLP tool of the Suite (https://stanfordnlp.github.io/CoreNLP/), SENNA, a general NLP package used in the Suite for its semantic role labeling (SRL) in SVO extraction (https://ronan.collobert.com/senna), Mallet, a topic modeling tool (http://mallet.cs.umass.edu/), WordNet, a lexical database for the English language (https://wordnet.princeton.edu/).

The NLP-Suite, when using these tools, will need to know where to find them in your computer. The NLP-menu-main GUI provides an easy way to save these configurations.
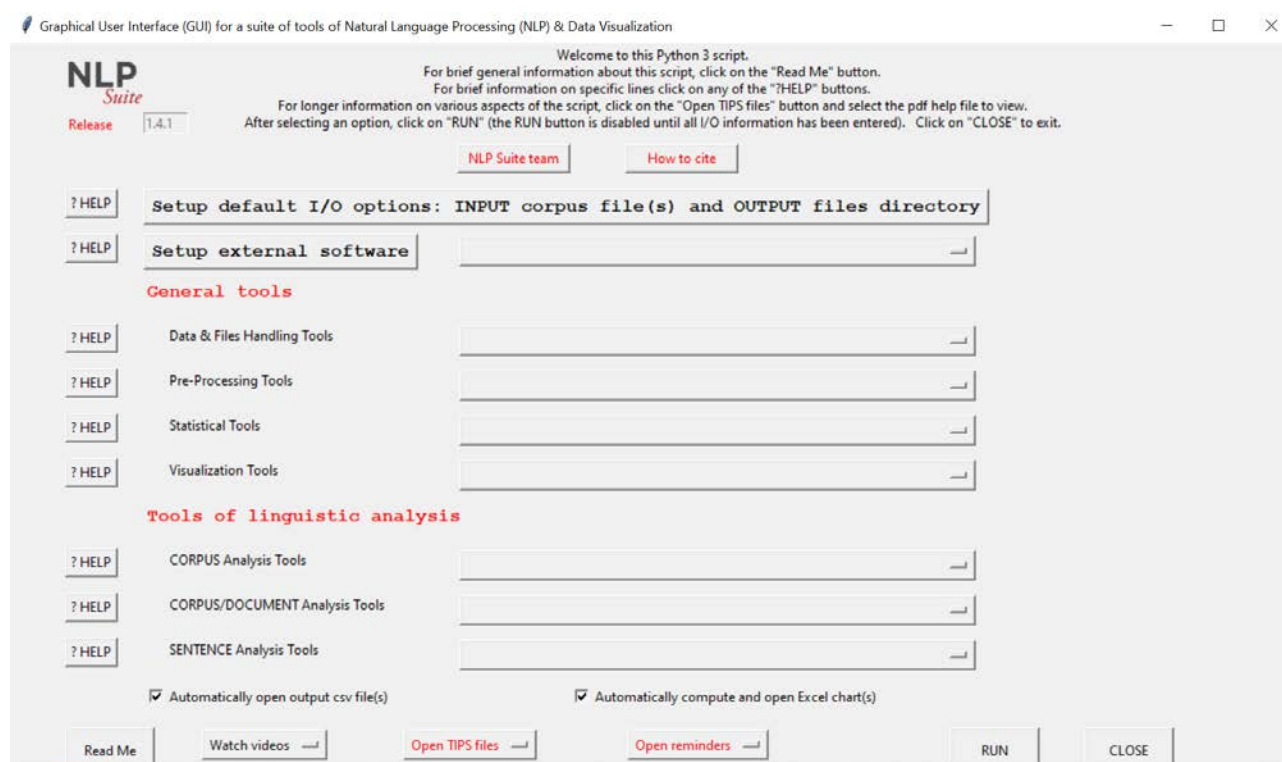

Click on the dropdown menu next to the label **Setup external software** to setup the appropriate software.
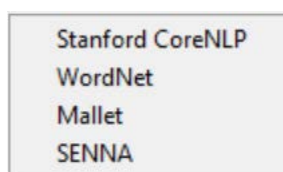
Thus, suppose you have downloaded WordNet. You now need to select the directory where you installed it.
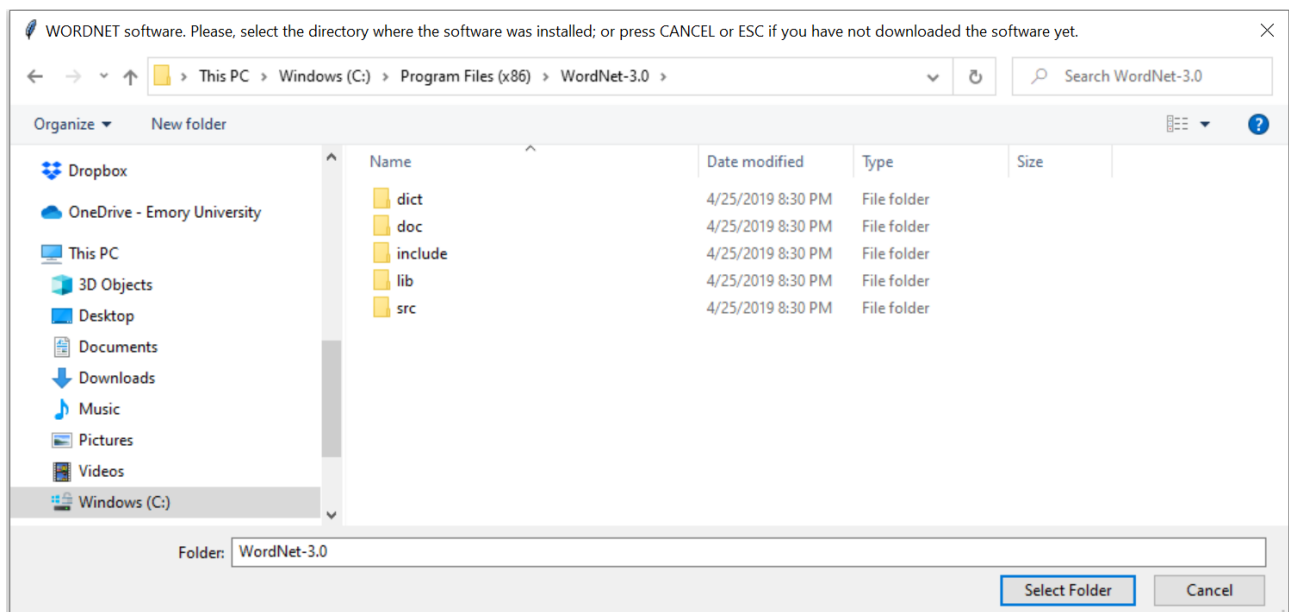
If, after installation, you move the WordNet directory, the NLP-Suite will give you the following warning, asking you to reselect the WordNet directory (or any of the external software for that matter).
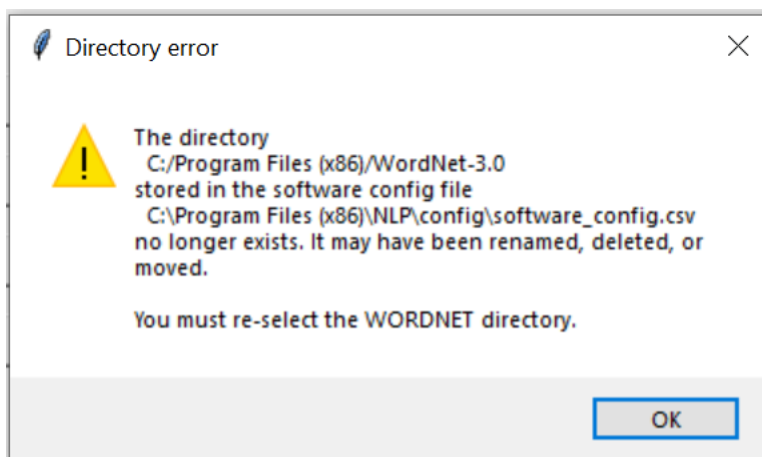
Potential problems unzipping zip files in Windows

Suppose that you have downloaded the Stanford CoreNLP package in Windows system. Unless you are careful, when unzipping the archive,

you may end up with a folder inside a folder
stanford-corenlp-4.2.2/ stanford-corenlp-4.2.2

The software installation algorithm, however, checks that the appropriate files are under the top directory.

Name

- ejml-core-0.39.jar
- ejml-ddense-0.39.jar
- istack-commons-runtime-3.0.7-sources.jar
- jaxb-api-2.4.0-b180830.0359.jar
- jaxb-impl-2.4.0-b180830.0438.jar
- SemgrexDemo.java
- slf4j-api.jar
- stanford-corenlp-4.2.2-javadoc.jar
- stanford-corenlp-4.2.2-models.jar
- corenlp.sh
- CoreNLP-to-HTML.xsl
- ejml-core-0.39-sources.jar
- ejml-simple-0.39.jar
- input.txt.xml

DO MAKE SURE YOU DO NOT END UP WITH THE SAME FOLDER NAME TWICE, ONE INSIDE THE OTHER.