1. WoS2Pajek: installation and usage

1. Install Python version 2.7

https://www.python.org/

and Pajek

http://mrvar.fdv.uni-lj.si/pajek/

2. Download WoS2pajek15 (the latest version)

https://github.com/bavla/biblio/tree/master/WoS2Pajek

3. Montylingua package - download http://alumni.media.mit.edu/~hugo/montylingua/#download
Copy MontyLingua package (montylingua-2.1) into directory in Python:
C:\Python27\Lib\site-packages

- > montylingua-2.1

4. Add the environment variable (переменные среды)

(Дополнительные параметры системы - Переменные среды - Системные переменные -
Создать -
Имя переменной: MONTYLINGUA
Значение переменной: C:\Python27\Lib\site-packages\montylingua-2.1\python
OK - OK - OK

C:\Python27\Lib\site-packages\montylingua-2.1\python

5. Put the folder "resources" (WoS2Pajek goes with it) to the folder where Python 2.7 is located
(C:\Python27)

6. Run Python:
import sys; wdir = r'C:\WoS2Pajek'
sys.path.append(wdir)
MLdir = r'C:\Python27\Lib\site-packages\montylingua-2.1\python'
sys.path.append(MLdir)
import WoS2Pajek15

The code depends on how you call the folders:

```
import sys; wdir = r'C:/wos2pajek15'

sys.path.append(wdir)

MLdir = r'C:/Python27/Lib/site-packages/montylingua-2.1/python'

sys.path.append(MLdir)

import WoS2Pajek15
```

```
import sys; wdir = r'C:/wos2pajek15'

sys.path.append(wdir)

MLdir = r'C:/Python27/Lib/site-packages/montylingua-2.1/python'

sys.path.append(MLdir)

import wos2pajek15
```

Module Wos2Pajek imported.

7. Run WoS2Pajek15(Python File, no console) - white
  7.1. Press the right button - Edit with IDLE
  7.2. RUN - Run module
  7.3. Table opens:
       - pro dir - directory to where we save our files
       - ... - the name of WoS file
       - .... - just write big number (500 000)
       - .... - the number of article to which we want to get data of how it is going

==UPD: However, on August 2, 2023, it didn't work well, and I had to check again all the settings, and didn't find the problem. The problem was solved when I opened Compiled Python File (black) instead of Python file (no console) (white). The trace of the data processing was shown in console file.==

8. The result

*** WoS2Pajek 1.5
by V. Batagelj, February 23, 2017 / March 23, 2007

WoS2Pajek parameters
WoS dir: C:\WoS2Pajek
ML   dir: C:\Python27\Lib\site-packages\montylingua-2.1\python
Proj dir: C:/Users/User/Desktop/WoS
WoS file: C:/Users/User/Desktop/WoS/savedrecs.txt (название файла из WoS)
MaxNum : 1000
step   : 5

ISI name: True
clean : True
keywords: [True, False, True, False]
titles : True
index : False

****** MontyLingua v.2.1 ******
***** by hugo@media.mit.edu *****
Lemmatiser OK!
Custom Lexicon Found! Now Loading!
Fast Lexicon Found! Now Loading!
Lexicon OK!
LexicalRuleParser OK!
ContextualRuleParser OK!
Commonsense OK!
Semantic Interpreter OK!
Loading Morph Dictionary!
****

started: Tue Oct 3 00:33:12 2017

5 : POURGHASEMI HR, 2017, SCI TOTAL ENVIRON, V609, P764 - 2017-10-03 00:33:12.847000
10 : CHE ML, 2017, NEUROCOMPUTING, V267, P114 - 2017-10-03 00:33:13.270000
10 : CHE ML, 2017, NEUROCOMPUTING, V267, P114 - 2017-10-03 00:33:13.395000
>>> End of processing of WoS file
number of works   = 483
number of authors   = 420
number of journals = 194
number of keywords   = 134
number of records   = 10
number of duplicates = 0
clean WoS data : clean.WoS
works + titles : titles.csv

*** FILES:
year of publication partition: C:/Users/User/Desktop/WoS\Year.clu
described / cited only partition: C:/Users/User/Desktop/WoS\DC.clu
number of pages vector: C:/Users/User/Desktop/WoS\NP.vec
citation network: C:/Users/User/Desktop/WoS\Cite.net
works X journals network: C:/Users/User/Desktop/WoS\WJ.net
works X keywords network: C:/Users/User/Desktop/WoS\WK.net
works X authors network: C:/Users/User/Desktop/WoS\WA.net
finished: Tue Oct 3 00:33:13 2017
time used: 0:00:01.377000
***

Close console?