GUIDE

This document is a guide to running the table annotation tool proposed for the SemTab2023 challenge. To use it, make sure you have the datasets proposed during the challenge and available at the following address: https://sem-tab-challenge.github.io/2023/.

Once the datasets have been extracted and the paths specified in the tool, you can run the extraction.

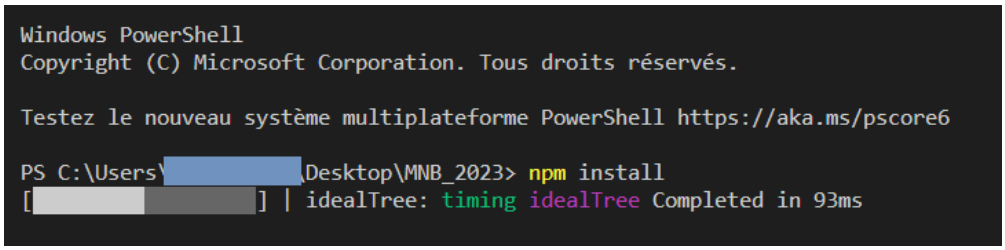
Please follow the steps below:

1. CONFIGURE RUNTIME ENVIRONMENT

The tool uses the NodeJS runtime environment. Make sure you have it installed before using it.

2. INSTALL LIBRARIES

Install the NodeJS libraries needed to run the tool using the command: **npm install**



3. CONFIGURE PATHS TO DATASETS

You must download the datasets proposed during the challenge or collect your own datasets and make them accessible via the tool. This involves providing access paths to:

- test tables and targets,
- train tables and targets,
- output file.

EXAMPLE: Dataset WikidataTables2023R1

- path to CPA test tables:
  tableLink="./ressource/WikidataTables2023R1/DataSets/Test/tables/",
- path to CPA test targets
  _targetCPA="./ressource/WikidataTables2023R1/DataSets/Test/targets/cpa_targets.csv",
- path to CPA train tables
  _gtTableLink="./ressource/WikidataTables2023R1/DataSets/Valid/tables/",
- path to CPA train targets
  _gtCPA="./ressource/WikidataTables2023R1/DataSets/Valid/gt/cpa_gt.csv",
- output file
  cpa_results="WikidataTables2023R1_cpa.csv"

```
await _fcts.cpaNMB(
    _gtTableLink="./ressource/WikidataTables2023R1/DataSets/Valid/tables/",
    tableLink="./ressource/WikidataTables2023R1/DataSets/Test/tables/",
    _gtCPA="./ressource/WikidataTables2023R1/DataSets/Valid/gt/cpa_gt.csv",
    _targetCPA="./ressource/WikidataTables2023R1/DataSets/Test/targets/cpa_targets.csv",
    cpa_results="WikidataTables2023R1_cpa.csv"
);
```

4. RUN THE TOOL

To run the tool, simply execute the command: **node server.js**

```
PS C:\Users\FOKO BRICE\Desktop\MNB_2023> node server.js
cpaNMB
In progress...
Target :'EXJDQTRE,0,1'
Target :'2XAFUHMB,0,1'
Target :'FMR4J4I3,0,1'
Target :'2ZVO2576,0,1'
Target :'MSUG0BEW,0,1'
Target :'IK66B53U,0,1'
Target :'YCGIP6F1,0,1'
Target :'DQKKZVQO,0,1'
Target :'KZZRXCCL,0,1'
Target :'ZEAPU4DI,0,1'
Target :'ZEAPU4DI,0,2'
Target :'9L8SXKA0,0,1'
Target :'9L8SXKA0,0,2'
Target :'J6UTKF6D,0,1'
Target :'J6UTKF6D,0,2'
Target :'M7ML371T,0,1'
Target :'RV2WVVY7,0,1'
Target :'XHO2M00A,0,1'
Target :'X0OSJBDY,0,1'
```