# MetaMap

Perciliano

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#### Infra

```
NAME="Pop!_OS"

VERSION="22.04 LTS"

ID=pop

ID_LIKE="ubuntu debian"

PRETTY_NAME="Pop!_OS 22.04 LTS"

VERSION_ID="22.04"

HOME_URL="https://pop.system76.com"

SUPPORT_URL="https://support.system76.com"

BUG_REPORT_URL="https://github.com/pop-os/pop/issues"

PRIVACY_POLICY_URL="https://system76.com/privacy"

VERSION_CODENAME=jammy

UBUNTU_CODENAME=jammy

LOGO=distributor-logo-pop-os
```

### Install LVG2023

```
install_linux.sh - metamap-portugues - Visual Studio Code
                                                             ··· ♦ .gitignore M $ install_linux.sh ∪ ×
C

✓ METAMAP-PORTUGUES

                                                                       metamap > lvg2023 > install > bin > $ install_linux.sh
                                                                         BITS=`getconf LONG_BIT`
echo "Your computer OS is ${BITS}-bit".
             $ install_linux.sh
$ install_test.sh
                                                                                echo "-- install ${BITS}-bit JRE (jre-8u202-linux-x64) ..."

#gtar -xzvf ./jreDist/jre-8u202-linux-x64.tgz ### adjustment Perci
               ≡ install_win.bat
                                                                                echo "-- Lexical Tools does not support 32-bit! ..."
echo "-- Please upgrade your PC or use manually installation! ..."
               s moveTest.sh
               s removeTest.sh
               > sources
                                                                         20 cd ..

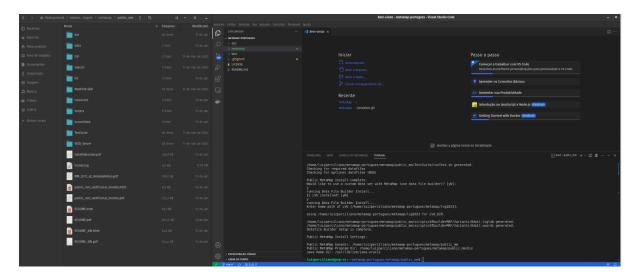
21 YEAR=2023

22 #JRE=jre1.8.0_202 ### adjustment Perci

23 #./bin/${JRE}/bin/java -version ### adjustment Perci
              ■ Notes
              ReadMe.txt
                                                                                 #PWD=`pwd` ### adjustment Perci
JAVA=$JAVA_HOME/bin/java ### adjustment Perci
                                                                          25 JAVA=$JAVA
26 export JAVA
27 echo $JAVA
28 echo $PWD
```

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## Install MetaMap + DFB



```
PROBLEMAS SAIDA CONSOLE DE DEPUBAÇÃO TERMINAL

cho "lung cancer" | ./bin/metamap -I
/home/luizperciliano/metamap-portugues/metamap/public_mm/bin/SKRrun.20 /home/luizperciliano/metamap-portugues/metamap/public_mm/bin/metamap20.BINARY.Linux --lexico
n db -Z 2020AA -I
Berkeley DB databases (USAbase 2020AA strict model) are open.
Static variants will come from table varsan in /home/luizperciliano/metamap-portugues/metamap/public_mm/DB/DB.USAbase.2020AA.strict.

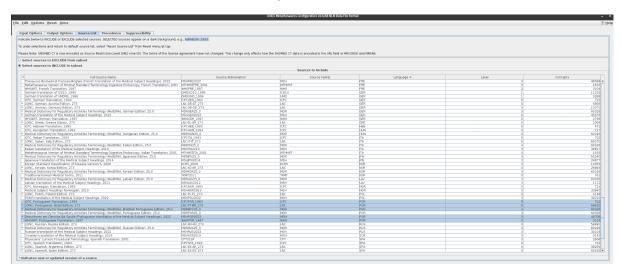
berivational Variants: Adj/noun ONLY.
Variant generation mode: static.
Established connection $stream(140124415913840) to TAGGER Server on localhost.

metamap (2020)

Control options:
composite phrases—4
lexicon=odd
mm_data_year=2020AA
show_cuis
Processing USER.tx.1: lung cancer
Phrase: lung cancer
Meta Mapping (1000):
1000 C0242379:Lung Cancer (Malignant neoplasm of lung) [Neoplastic Process]
Meta Mapping (1000):
1000 C0684249:LUNG CANCER (Carcinoma of lung) [Neoplastic Process]
Meta Mapping (1000):
1000 C1306460:Lung cancer (Primary malignant neoplasm of lung) [Neoplastic Process]

level Metamapping (1000):
1000 C1306400:Lung cancer (Primary malignant neoplasm of lung) [Neoplastic Process]
```

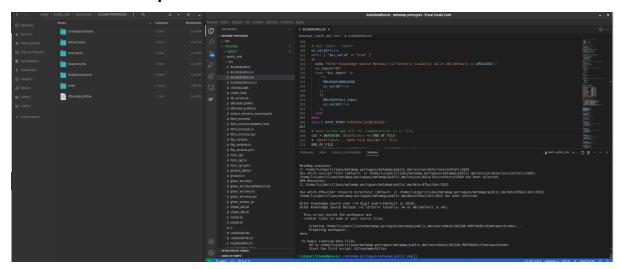
# **UMLS** e Metamorphosys



In the document DFB, the step 10, page 5 (datafilebuilder.pdf) below, was ignored, it's wasn't find:

In the "Eliminate Extended Unicode Characters" box, select option: "Remove records containing extended UTF-8 characters".

# Gerando arquivos de dados



#### ./01CreateWorkFiles

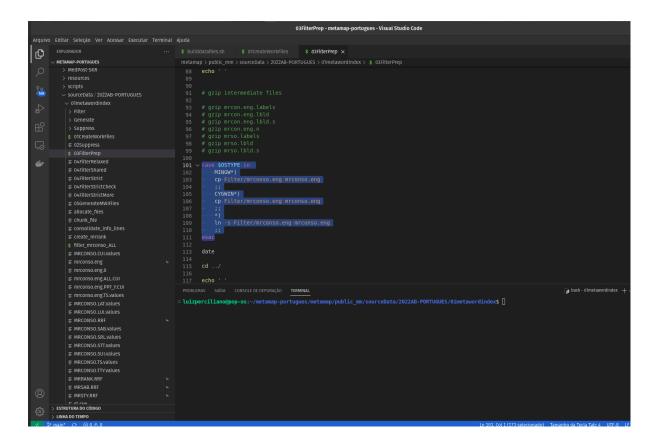
```
### Suppress | Filter | Filter
```

### ./02Suppress

-

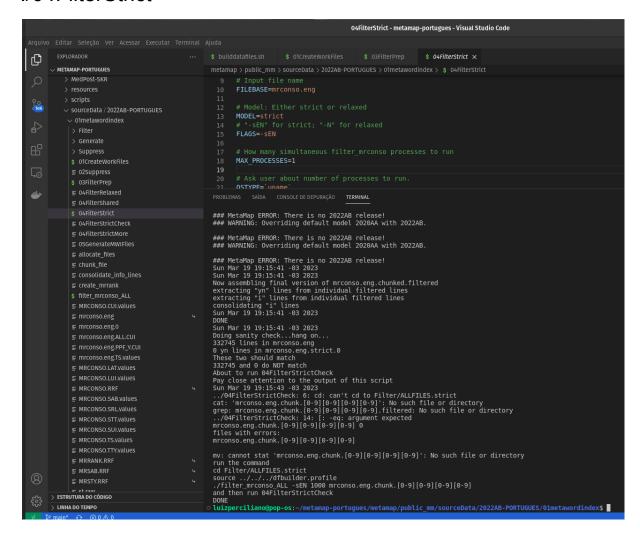
```
### MICHIGAN SIER SERVICE VER ACCIONAL TERMINAL AND SUBMINISHERS & SCHORLING STATE AND STATE AND
```

### ./03FilterPrep



Deleted lines 101 until 111

#### ./04FilterStrict



### MetaMap ERROR: There is no 2022AB release!

Sun Mar 19 19:15:41 -03 2023 Sun Mar 19 19:15:41 -03 2023

Now assembling final version of mrconso.eng.chunked.filtered

extracting "yn" lines from individual filtered lines

extracting "i" lines from individual filtered lines

consolidating "i" lines

Sun Mar 19 19:15:41 -03 2023

DONE

Sun Mar 19 19:15:41 -03 2023

Doing sanity check...hang on...

332745 lines in mrconso.eng

0 yn lines in mrconso.eng.strict.0

These two should match

332745 and 0 do NOT match

About to run 04FilterStrictCheck

Pay close attention to the output of this script

Sun Mar 19 19:15:43 -03 2023

../04FilterStrictCheck: 6: cd: can't cd to Filter/ALLFILES.strict cat: 'mrconso.eng.chunk.[0-9][0-9][0-9][0-9]': No such file or directory grep: mrconso.eng.chunk.[0-9][0-9][0-9][0-9].filtered: No such file or directory ../04FilterStrictCheck: 14: [: -eq: argument expected mrconso.eng.chunk.[0-9][0-9][0-9][0-9] 0 files with errors:

mv: cannot stat 'mrconso.eng.chunk.[0-9][0-9][0-9][0-9]': No such file or directory run the command cd Filter/ALLFILES.strict

source ../../dfbuilder.profile ./filter\_mrconso\_ALL -sEN 1000 mrconso.eng.chunk.[0-9][0-9][0-9][0-9] and then run 04FilterStrictCheck

mrconso.eng.chunk.[0-9][0-9][0-9][0-9]

DONE

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#### Knowing the mistake, I continued the steps anyway.

#### Traduzido:

### MetaMap ERROR: Não há versão 2022AB!
Agora montando a versão final de mrconso.eng.chunked.filtered extraindo linhas "yn" de linhas filtradas individuais extraindo linhas "i" de linhas filtradas individuais consolidando linhas "i"
Dom 19 de março 19:15:41 -03 2023

**FEITO** 

Dom 19 de março 19:15:41 -03 2023
Fazendo um teste de sanidade... espere...
332745 linhas em mrconso.eng
0 yn linhas em mrconso.eng.strict.0
Esses dois devem corresponder
332745 e 0 NÃO correspondem
Prestes a executar 04FilterStrictCheck

Preste muita atenção à saída deste script

Dom 19 de março 19:15:43 -03 2023

../04FilterStrictCheck: 6: cd: não é possível fazer cd para Filter/ALLFILES.strict cat: 'mrconso.eng.chunk.[0-9][0-9][0-9][0-9]': Arquivo ou diretório inexistente grep: mrconso.eng.chunk.[0-9][0-9][0-9][0-9].filtered: Arquivo ou diretório inexistente ../04FilterStrictCheck: 14: [: -eq: argumento esperado mrconso.eng.chunk.[0-9][0-9][0-9][0-9] 0 arquivos com erros:

mrconso.eng.chunk.[0-9][0-9][0-9][0-9]

mv: não é possível declarar 'mrconso.eng.chunk.[0-9][0-9][0-9][0-9]': Arquivo ou diretório inexistente execute o comando cd Filter/ALLFILES.strict

fonte ../../../dfbuilder.profile
./filter\_mrconso\_ALL -sEN 1000 mrconso.eng.chunk.[0-9][0-9][0-9][0-9]
e então execute 04FilterStrictCheck
FEITO

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