INPUT

- option: -d
  - definitions (e.g. MP-xp)
- option: -x
  - referenced ontologies (e.g. GO, MA)
- option: -t
  - target ontology (e.g. MP)

Creation of merged ontology

ontologies given to reasoner

Skipped if reasoner set to NONE

Reasoning (Reasoner: -r)

reasoned ontology

Comparison of both ontologies

OUTPUT

written to folder selected with option -o

ontoToReason .owl

ontoFromReasoner .obo/.owl

equivalence_ax .txt

reasoned ontology

inf_ax _found.txt

inf_ax _not_found.txt

assert_ax _found.txt

assert_ax _not_found.txt

target ontology

reasoned ontology

Skipped if no target ontology specified