

## Informations Générales

---

- \* Nom du logiciel: GoDL
- \* Site web du logiciel: <https://github.com/syllag/godl>
- \* Licence: GPL3
- \* Partenaire(s) ASPIQ: CRIL
- \* Contact: Sylvain Lagrue <lagrue@cril.fr>

## Description

---

GoDL is a description logic toolkit in golang. The main objective is to reason from potentially inconsistent Knowledge Bases expressed in (possibilistic) DL-Lite\_Core.

It consists in 3 complementary command line tools:

- godl-import: for importing from subset of OWL2 functional-style syntax
- godl-compile: for restoring consistency and managing multi-source aspects (merging)
- godl-query: for simple queries

## Publication associées

---

(dans ASPIQ)

- Salem Benferhat, Zied Bouraoui, Sylvain Lagrue, Julien Rossit, Merging Incommensurable Possibilistic DL-Lite Assertional Bases in Joint Ontology Workshops (JOWO@IJCAI 2015), 2015.

- Salem Benferhat, Zied Bouraoui, Sylvain Lagrue, Julien Rossit, Min-based Assertional Merging Approach for Prioritized DL-Lite Knowledge Bases in Scalable Uncertainty Management 2014 (SUM 2014), Springer, pp. 8-21, 2014.

(hors ASPIQ)

sans objet

## Tâches ASPIQ associées

---

Task 3.3

Task 3.4

## Contributeurs

---

- Sylvain Lagrue (CRIL UMR 8188 CNRS/Université d'ARTOIS)  
<lagrue@cril.fr>