

February 16<sup>th</sup> Meeting

Members	Time	Venue
Mariano FERREIRONE Hamza ABDOULHOUSSEN Killian CRESSANT Hadrien ROCHU	14h-14h30	Google Meet

**Progress**

- Recreated some ontology classes to make them more easy to understand
- Try some ontology visualization tools

**Agenda**

1. presentation of the ontology changes
2. show ontology visualization tools

**Presentation of the ontology changes**

We tried to simplify the ontology, remove information in names, remove description in classes in order to make it easier to read for machines.

To do so, we :

- Deleted the individuals
- Replaced Pieces name
- Added Sides as Data property
- Created cells
- Removed movement description

**Show ontology visualization tools**

It is possible to create an ontology with **protégé** via the Window/Tabs menu and **OWLViz** tool.

However, there are only the classes and the subclasses links.

It is possible to add the **VOWL** plugin by adding a jar in the correct directory.

It allows at complete visualization with object and data properties.

Here is the documentation of VOWL



FIGURE 1 – OWLViz visualization

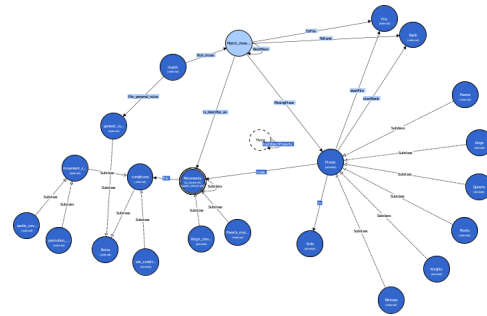


FIGURE 2 – VOWL visualization

### Tasks

- Search how to make conditions
- Use ontology with python
- Try to make SparkSQL request

Next meeting : *February 23<sup>th</sup> 2022*