March 9th Meeting

Members	Time	Venue
Dr. Mario LEZOCHE Mariano FERREIRONE Hamza ABDOULHOUSSEN Killian CRESSANT Hadrien ROCHU	15h30-18h	CRAN Lab

Progress

– Finished the ontology
– Created project on Neo4j
– Tried to load the ontology on Neo4j

Agenda

1. Presentation of the ontology
2. Presentation of a graph on `Neo4j`
3. Issue to load ontologies on `Neo4j`
4. Explain the python script to write on the ontology to Mario
5. Explain the scrypt to load ontology and create python object

Presentation of the ontology

We presented completely the ontology, each objects for the pieces, the cells, the side, the conditions and we showed the modelisation of a match and the moves in the match.

Presentation of a graph on `Neo4j`

We have seen we can create graphs on Neo4j with `cypher` file (looks like `json` file). Maybe we can generate a `cypher` file with ontologies to create the graph on `Neo4j`.

Issue to load ontologies on `Neo4j`

We are also learning to load ontologies on `Neo4j`, it is not working correctly and we have to adapt it for multilinks.

Explain the python script to write on the ontology to Mario

We showed to Mario how does the script to add match on ontologies works.

Explain the scrypt to load ontology and create python object

We presented the `owlready` package to read the objects on ontologies and how we can do `SPARQL` to query the ontology.

Tasks

— Review the script to load ontologies to generate triple for subclasses
— Prepare a presentation on `Neo4j` and explain its strengths

Next meeting : *March 16th 2022*