



Foundations of the Semantic Web – 2020/2021

This work should be individual or in groups of two students at most

Project – Phase 1

Purpose: Students should build an RDF triple store from a publicly available dataset and allow for simple SPARQL queries

1. Select a dataset from a public repository that must be approved for modeling by the course lecturer
2. Process the dataset converting it into RDF.
3. Verify its coherence and connectedness
4. Perform some simple queries for retrieving data and making some simple analyses

Report

Students should submit in the Course Moodle the following items compressed in ZIP format (**ARJ or other formats are not accepted**)

- A. A report on the work performed detailing:
 1. Characterization of the dataset
 2. Work performed for data processing
 3. Queries devised and respective results
- B. Code used
- C. RDF resulting file in Turtle format (if too large, can be a sample)

Note: If using a notebook, A and B can be the same document

Deadline: October 18 at 23:59