

DAT475 / DIT930 Advanced databases

2023-2024, Study Period 4

Assignment 2

Task description

Create OWL 2 and/or RDFS statements that corresponds to the E-R diagram that you constructed in Assignment 1.

It is not compulsory to use Protégé for this assignment, but you might find it convenient, rather than writing RDFS or OWL 2 statements by hand. We recommend using Protégé Desktop.

Submitting work

You should submit:

- A plain text file (.txt) that contains OWL 2 and/or RDFS statements in Turtle format.
- Your E-R diagram for assignment 1, or an updated version if you made change to the diagram after assignment 1, when working on assignment 2 (so that we can conveniently compare your OWL 2 and/or RDFS statements with your E-R diagram).
- A report that describes any changes that you made to your E-R diagram after you submitted Assignment 1, and describes any decisions or assumptions that you made when translating the E-R diagram to OWL 2 and/or RDFS.

In each file that you submit, give the names of the people submitting the work and your assignment group number (as given in Canvas).

(Please do not submit .zip files; these cannot be processed conveniently in Canvas.)

Deadline: Tuesday 16 April 2024 at 23:59.