

Master in Informatics and Computing Engineering Semantic Web and Linked Data Exercise 6: Ontologies and OWL 2022/23

Create an Ontology: Your CV

Objectives:

- Create ontology with OWL (using Protégé ontology editing tool) needed for describing humans, entities, organizations, events, records, abstractions, etc., mentioned in your CV (or CVs like yours). In addition to your own ontology, you can import other publicly available ontologies and merge them with your ontology;
- 2. Semantically describe (annotate) yourself as a Web resource (with unique URI) following the story presented in your CV (together with other resources mentioned in it: people, universities, schools, companies, places, skills, files, documents, records, etc.) using RDF (link yourself with other relevant Web resources or physical World resources according to the ontology created in Protégé). In Protégé, the semantic annotation process means just creating a new instance in an appropriate class and filling with data (put values to slots) the form prepared by the ontology;
- 3. Please, do not provide any private/sensitive information, which is not meant to be shared in the Web;
- 4. It will be appreciated if some (the more the better) of these "other resources" in the neighborhood of the target person will be found in and connected with other well-known open metadata repositories, such as, e.g., DBPedia, FOAF, etc.;
- 5. It is supposed also that the group of "other resources" will include various types of media files (relevant texts, photos, videos, etc.) available in the Web;

Resources:

- https://protege.stanford.edu/products.php#desktop-protege
- https://protege.stanford.edu/support.php#documentationSupport