

## Ontologies - Practical Session 3

### Validating, documenting, deploying

[https://mdaquin.github.io/t/Onto\\_Lab2\\_2022](https://mdaquin.github.io/t/Onto_Lab2_2022)

During the three practical sessions of the ontology course (of which this is the last), we will go through the process of building a complete ontology. Since ontologies have to be shared and consensual, and a big part of the process is about discussing and pondering possible representations of concepts, you will do this in groups of 3.

**T1:** Reintegrate the group you were in last time. If you were not in a group last time, find one.

Note that you will need to submit the final ontology as well as its documentation and a short report on the different steps you went through to build it on Arche by the **23rd of February at 5pm**. Make sure to **keep notes** of everything you do.

Today you will restart from the refined ontology you made last time. Make sure that you are reasonably happy with it before starting. We will do things in a slightly different order than in the lecture.

**T2:** Retrieve the competency questions you wrote during the first practical sessions. For each of them, see if it can be answered by your ontology if you add some example individuals to it.

**T3:** Try to run the reasoner in Protégé to check if the inferences it makes are consistent logically and with what you would expect.

**T4:** Add labels and comments to your ontology and see if you can generate the documentation (though the OWLDoc plugin).

**T5:** Make sure to choose a valid IRI for your ontology.