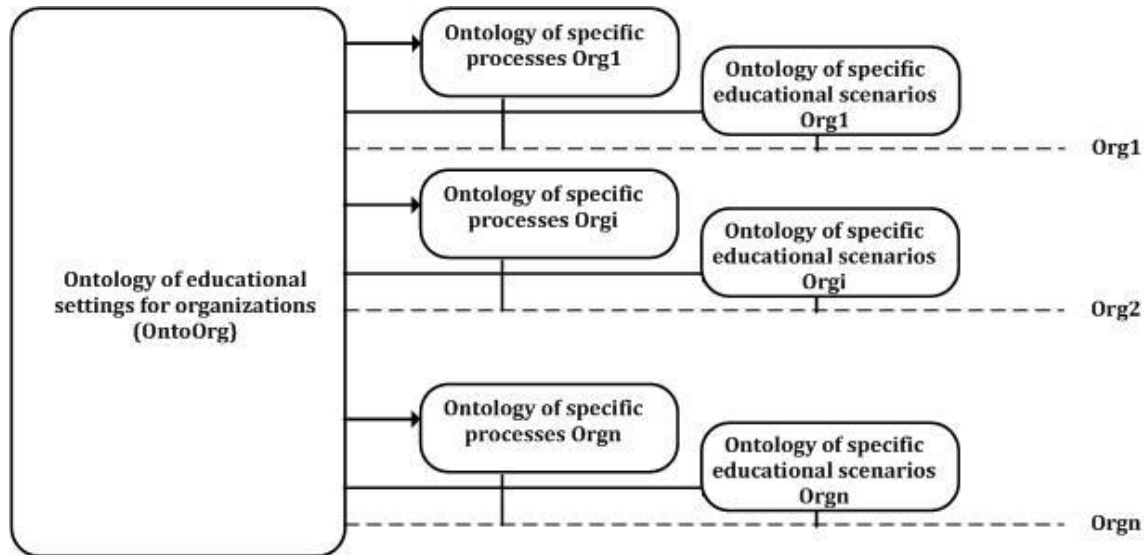


## THE ONTOLOGY OF EDUCATIONAL SETTINGS ADATPED TO DIFFERENT ORGANIZATIONS (OntoOrg\_X)

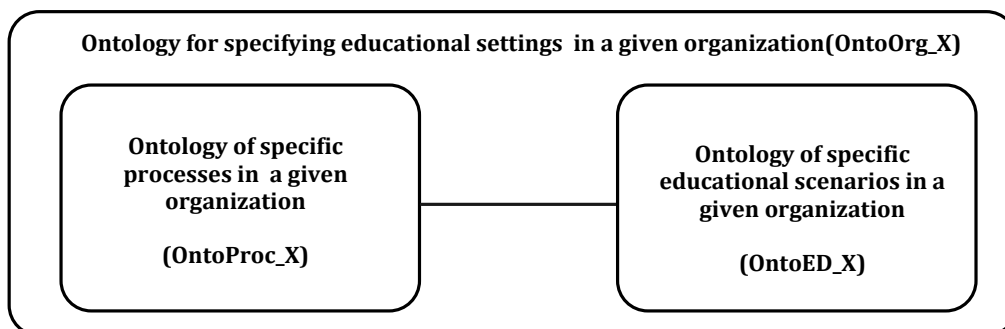
The OntoOrg\_X ontology has been created to specify specific educational settings in a organization as it is shown in the next figure.



The ontology of educational settings adapted to different organizations

The ontology is created to extend the ontology of patterns of educational settings (OntoProcED) to construct a formal framework for specifying and reusing specifications of learning processes. Furthermore, the OntoOrg ontology can be also extended by different organizations.

The OntoOrg\_X ontology has been constructed as the integration of both ontologies analogously how the OntoProcED ontology has been constructed. Graphically, it can be seen as follows:



The OntoOrg\_X allows to represent learning processes for each specific organization as well as the specific scenario where the educational setting takes place. Therefore, it permits adding particular instances of learning processes and its sequence composition as well as the

particular organization details: its community member's, particular resources, working rules, etc.

Given the UOC institution, in the second level of the framework, we will have:

- OntoProc\_X- The ontology of processes at the UOC (File: [OntoOrg\\_NoInstances.owl](#)).
- OntoED\_X- The ontology of educational scenarios at the UOC (File: [OntoUOC\\_NoInstances.owl](#)) extended with a set of rules (File: [Rules\\_UOC.txt](#)).