Practical Session 1

Objective:
1. Construct an ontology using Protege editor
2. Analyze the content of a defined ontology

1. Protégé editor:

Download Protégé editor at: https://protege.stanford.edu/software.php#desktop-protege

2. The organization ontology

The organization[1] ontology describes an organization through its organizational structure, membership within the organization, locations of the organization and the main change events in the organization. The ontology model provided for the organization ontology is the following:
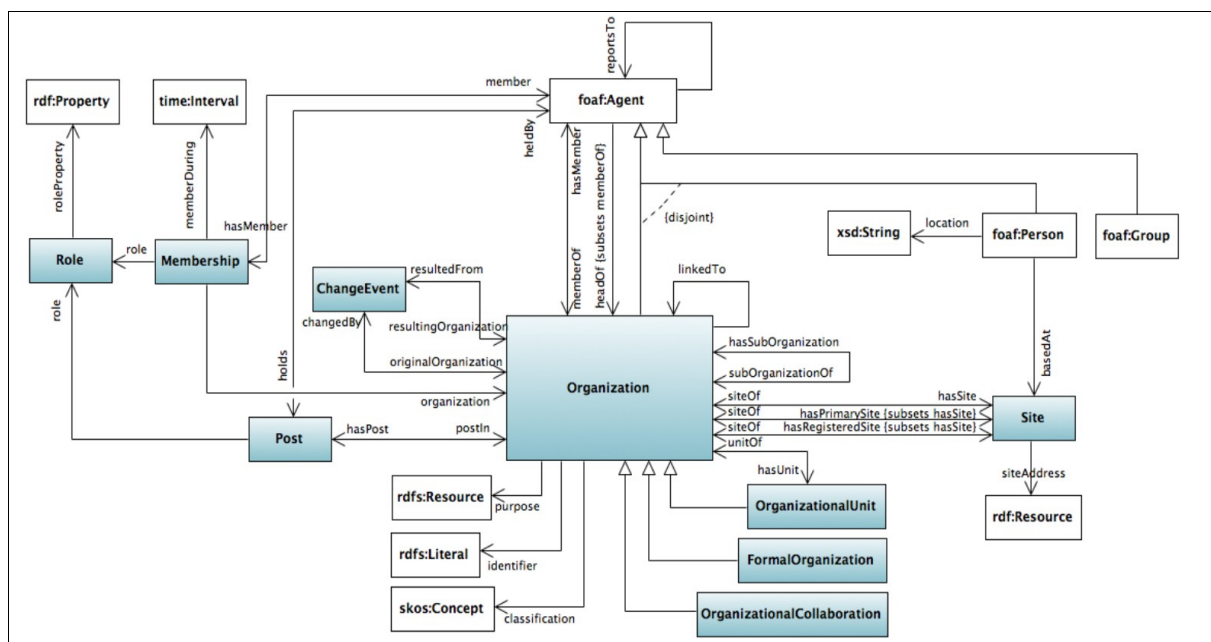

Figure 1: The organization ontology model
(https://www.w3.org/TR/vocab-org/#overview-of-ontology)

Using Protege editor:
• Set an ontology IRI (orgOntology)
• Implement the classes, properties and relationships defined in this ontology model according to its description.
• Instanciate the ontology using ESI organization.
• Import Time ontology:
  https://raw.githubusercontent.com/w3c/sdw/gh-pages/time/rdf/time.ttl

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1 https://www.w3.org/TR/vocab-org/