FIBO and OOR

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OOR Metadata Workshop VIII

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Challenge

- Integrate FIBO with the ontologies in existing ontology repositories, and use this as a case-study to extract requirements for ontology metadata in the repositories.
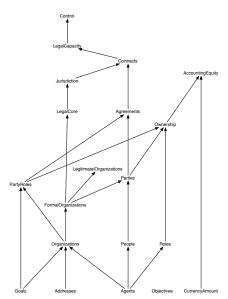
Tasks

- Modularization of FIBO Foundations
- Mappings to existing ontologies
- Ontology metadata in FIBO

Modularization of FIBO Foundations

- FIBO Foundations has been designed as a set of ontologies organized via `owl:imports`.
  - Are these all modules of FIBO? i.e. is FIBO a conservative extension of each of these ontologies?

Modularization of FIBO Foundations

FIBO and Ontology Mappings

- FIBO documents refer to "semantics alignment", "shared semantics", "semantics agreement"
- Relationship to other foundational ontologies
    - time
    - units of measure
    - addresses
- Relationship to other standards
    - REA
    - XBRL-GL

Ontology Metadata in FIBO

- FIBO Annotation Vocabulary
- OMG Specification Metadata
- FIBO makes extensive use of SKOS and Dublin Core

Discussion

- What are the obstacles to uploading FIBO into OntoHub?
- Do the logical issues that we considered today impact the software requirements for ontology repositories?