ONTOLOGY CLINIC: COLORE

ABSTRACT. The objective of the COLORE project is to construct an open repository of first-order ontologies that will serve as a testbed for ontology evaluation and integration techniques, and that can support the design, evaluation, and application of ontologies in first-order logic. During the Ontology Clinic, we will explore ontology evaluation within COLORE as well as use COLORE as the source for ontologies to be evaluated by other techniques.

1. Objectives and Goals

COLORE will be used to address both goals of the Ontology Clinic. First, it will support the evaluation of specific ontologies. The second objective will determine how well COLORE supports the evaluation of new ontologies that are uploaded to the repository.

2. Deliverables

- (1) COLORE will be used as the repository for first-order ontologies that can be selected to be evaluated through the participating evaluation tools. The set of over 1000 ontologies in the repository includes the Process Specification Language, as well as ontologies for time, shape, and mereotopology.
- (2) The procedures for uploading new ontologies into COLORE form the basis of an ontology evaluation methodology. Symposium participants will upload their first-order ontologies to COLORE, which will then be evaluated by determining their relationships to existing ontologies in COLORE.

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4. Resources and References

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