Ontology Summit 2011

Ontology Application Framework

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Track 1 Objectives

- Identify and classify applications of ontologies within business and industrial use cases.
  - This classification will be used to organize the uses cases proposed by Track 2.
  - New use cases from Track 2 may identify new classes of ontology applications

Relevant Questions

- Exactly *how* are ontologies being used?
- What are the interactions between the ontologies and the applications?
  - Which ontologies are used?
  - How is the ontology specified?
    e.g. is the ontology axiomatized in a logical language?

Applications of Ontologies (Preliminary)

- Search
- Decision Support
- Semantic interoperability/integration of software systems and databases
- Ontology-driven software design

Deliverables

- Comprehensive framework for ontology applications which is integrated with the set of use cases presented during the Ontology Summit and which can be used to drive future implementations of ontology-based systems.

Moving Forwards

- Participants will propose applications of ontologies with which they have had experience.
  Online discussions will sort out how these contributions fit into the evolving framework.
- As new use cases arise from Track 2, the working classification of ontology applications will be updated and revised.
- First telecon: February 3