

Thoughts on Summit 2013

Michael Grüninger

Synthesis II

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Some Outstanding Questions

The Role of Requirements

- A comprehensive notion of requirements is critical for ontology evaluation.
- How do we identify requirements that arise from ontology applications?
- How are requirements used?
- Requirements need to be specific enough to be testable
- Verification and validation

Ontology Quality and Ontology Evaluation

- Does the quality of an ontology correspond to the analogue of “nonfunctional requirements”?

Thoughts for the Ontology Community

- As a community, we need to agree upon a common set of conditions for evaluating ontologies.
- What are our expectations for ontology evaluation?
 - ▶ What does it mean when someone says “I have evaluated my ontology”?
- Do we have any community consensus on ontology quality?

Agenda: Track Summaries

- Track A: Intrinsic Aspects of Ontology Evaluation
 - ▶ Leo Obrst and Steve Ray
- Track B: Extrinsic Aspects of Ontology Evaluation
 - ▶ Terry Longstreth and Todd Schneider
- Track C: Building Ontologies to Meet Evaluation Criteria
 - ▶ Matthew West and Mike Bennett
- Track D: Software Environments for Evaluating Ontologies
 - ▶ Mike Denny and Peter Yim
- Discussion about Communique
 - ▶ Fabian Neuhaus and Amanda Vizedom