

Ontology Summit 2013 - Panel Session-06

Synthesis-I

General Co-Chairs:

Matthew West

Michael Gruninger

21-Feb-2013

Agenda

1. Opening by the chair ([MatthewWest](#)) [5 min.]
2. General assessment on how things are developing and fine tuning of direction/approach ([MatthewWest](#) and [MichaelGruninger](#)) [10 min.]
3. Track Synthesis I (presentation of the interim deliverables by each pair of track co-champions) [10 min/track]
 - 3.1 Track A: Synthesis-1 ([LeoObrst](#) and [SteveRay](#))
 - 3.2 Track B: Synthesis-1 ([TerryLongstreth](#) and [ToddSchneider](#))
 - 3.3 Track C: Synthesis-1 ([MatthewWest](#) and [MikeBennett](#))
 - 3.4 Track D: Synthesis-1 ([MichaelDenny](#) and [PeterYim](#))
4. Approach to the Communique and a proposed Communique Outline ([AmandaVizedom](#) and [FabianNeuhaus](#)) [15 min.]
 - 4.1 Q&A and discussion on this topic [~10 min.]
5. Approach to the "hackathon" & "clinics" ([MikeDean](#)) [15 min.]
 - 5.1 Q&A and discussion on this topic, including brainstorming on possible "hackathon/clinic" projects [~10 min.]
6. Summary/wrap-up/announcements [5 min.]

General Assessment

- Ontology Evaluation:
 - We do it, but we don't know how we do it
 - Huge diversity in the presentations on nominally the same topic
 - There's a lot of opportunity to make progress in a large number of areas
 - Challenge will be to focus on some things we can actually achieve in the timeframe, as well as sketch out what eventual success will look like

Some Challenges I

- Publication
 - What are the criteria for evaluating an ontology in a research paper?
 - What do we expect when we read ontology papers?
 - How can the authors convince us that their ontology is well-designed and correctly applied?
 - How do these criteria vary for different uses of ontologies (e.g. reasoning, integration, search)?

Some Challenges II

- Reusability and Sharability
 - Two aspects of a good ontology are that it is reusable and sharable, but how do we evaluate this?
 - This has some relevance to the recent discussions on upper ontologies and the semantic integration of ontologies.