Ontology Summit 2013 - Panel Session-06

Synthesis-I

General Co-Chairs:

Matthew West

Michael Gruninger

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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

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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.