

Ontology Summit 2014

Applied Ontology Meets Semantic Web and Big Data

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Pre-launch Meeting

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Ontology Summits

- Each ontology summit is a series of both virtual and face-to-face activities that span about 3 months.
- This year's Ontology Summit (the 9th in the series) is co-organized by Ontolog, NIST, NCOR, NCBO, IAOA, NCO-NITRD
- The Ontology Summit 2014 Symposium will be 28-29 April 2014 at NCO NITRD, Arlington, Virginia, USA.

Ontology Summit 2014 Team

- Ontology Summit General Co-Chairs
 - ▶ One co-chair, to be assumed by the President of IAOA
 - ▶ One co-chair designated by the Organizers / Organizing Committee
- Ontology Summit Symposium Co-Chairs
 - ▶ Two co-chairs designated by the Organizing Committee
- Organizing Committee
 - ▶ comprising Content Track and other Champions, as well as Communique Editors (from the co-organizers and community volunteers)
- Advisory Committee (invited by the Organizing Committee)
- Co-Sponsors (who support this endeavor)

Pre-Launch Objectives

- Refining and adopting the theme for the 2014 Ontology Summit
- Brainstorming of ideas that support this theme
 - ▶ Approaches: program, process, ...
 - ▶ Topics / Tracks
 - ▶ Collaborators (partnering communities)
 - ▶ Identifying Experts / Speakers / Invitees
 - ▶ Marketing / Sponsors
- Getting volunteers to help organize this Summit

Today's Agenda

- Introductions
- Review of current proposals for topics and tracks for this year's theme
- Open Discussion (adding/refining/removing topics)
- Identifying volunteers/champions and invite them to join us in the organizing committee
- Summary and wrap-up

Ontology Summit 2014: Theme

Applied Ontology Meets Semantic Web and Big Data

- This Summit is an opportunity for building bridges between the Semantic Web, Big Data, and Applied Ontology communities,
- The Semantic Web and Big Data communities can bring a wide array of real problems and technologies (e.g. performance and scalability challenges, automated reasoning tools), while the Applied Ontology can bring a large body of content (i.e. ontologies) and ontological analysis techniques.
- What are the obstacles to closer collaboration among these communities?

Candidate Track 1

Content: Ontologies and Ontological Analysis

- What ontologies are required by the Semantic Web applications?
- If these ontologies are not available in any current ontology repository, how can we engage the applied ontology community to develop them?
- Can we apply existing analysis techniques to ontologies that are being widely used within the Semantic Web community?

Reasoning Tools and Techniques

- How can reasoning tools being developed within the Semantic Web community be applied to the ontologies that are being developed by the applied ontology community?
- What other semantic technologies can be used to support the ontology lifecycle? (building on the results of last year's Summit).

Ontology Languages

- What expressiveness is required by the ontologies that are being developed by the applied ontology community?
- What role is play by decidability and tractability in applications of ontologies?

Ontological Challenges in Big Data

- How can Big Data leverage existing ontologies?
- What requirements do problems encountered with Big Data impose on the design of ontologies?

Open Discussion

Given the Theme, please suggest ...

- Approaches: program, process, ...
- Topics / Tracks
- Collaborators (partnering communities)
- Identifying Experts / Speakers / Invitees
- Marketing / Sponsors

Volunteering for the Team

- Who can help engage other targeted individuals/communities
- Volunteers to help organize
- Sign your company/institution up as a co-sponsor (Co-sponsors are organizations who are providing technical or funding support, and/or endorsing the objective of this Ontology Summit).
- Identifying volunteers/champions and invite them to join us in the organizing committee

Upcoming Events

- The Organizing Committee will
 - ▶ Elect chairs and champions
 - ▶ Finalize the Tracks and the organization to tackle them
 - ▶ Finalize the approach and process
- Next Organizing Committee Meetings (please mark your calendars)
 - ▶ Friday 2013.12.06
 - ▶ Friday 2013.12.13
- OntologySummit2014 “Launch Event”
 - ▶ Thursday 2014.01.16