Ontology Summit 2014:
Big Data and Semantic Web
Meet Applied Ontology

Launch Event
Thursday, January 16, 2014

General Chairs:
Michael Gruninger (U. Toronto)
Leo Obrst (MITRE)

Ontology Summit 2014 Theme: Big Data and Semantic Web Meet Applied Ontology

- Current state of the communities:
  - Since the beginning of the Semantic Web, ontologies have played key roles in the design and deployment of new semantic technologies
  - But the level of collaboration between the Semantic Web and Applied Ontology communities has been much less than expected
  - Within Big Data applications, ontologies appear to have had little impact
- Ontology Summit 2014 is an opportunity for building bridges among the Semantic Web, Linked Data, Big Data, and Applied Ontology communities
  - The Semantic Web, Linked Data, and Big Data communities can bring a wide array of real problems and technologies that can make use of ontologies
  - The Applied Ontology community can bring a large body of common reusable content (ontologies) and ontological analysis techniques
  - Identifying and overcoming ontology engineering bottlenecks is critical for all communities
- Ontology Summit 2014 will bring together insights and methods from these different communities, synthesize new insights, and disseminate knowledge across field boundaries
- Goal: Improve the interaction across the three communities

Ontology Summit 2014 Questions for Discussion

- What do we want to achieve for this Summit?
- How can the communities (Semantic Web, Linked Data, Applied Ontology, Big Data):
  - Improve communication and collaboration?
  - Better share resources and tools?
  - Leverage our individual perspectives, experiences, and knowledge?
- What core goals, technologies, and content do we have in common?

Ontology Summit 2014 Team

- General Co-Chairs: Michael Gruninger, Leo Obrst
- Symposium Co-Chairs: Ram Sriram, Tim Finin
- Co-organizers: NCO-NITRD, NIST, NCOR, NCBO, IAOA, Ontolog
- Content Track and Support Team Champions
- Advisory Committee (invited by the Organizing Committee)
- Co-Sponsors (who support this endeavor)
- Participants: all of you and your friends

Content Tracks and Champions

- **Track A: Common Reusable Semantic Content**
  - Mike Bennett, Andrea Westerinen, Gary Berg-Cross
- **Track B: Making use of Ontologies: Tools, Services, and Techniques**
  - Christoph Lange, Alan Rector
- **Track C: Overcoming Ontology Engineering Bottlenecks**
  - Krzysztof Janowicz, Pascal Hitzler, Matthew West
- **Track D: Tackling the Variety Problem in Big Data**
  - Ken Baclawski
- **Track E: Hackathon (and related activities)**
  - Dan Brickley, Anatoly Levenchuk
- **Track F: Communique and Publications**
  - Lead-Editors: Michael Gruninger, Leo Obrst
  - Co-champions: Todd Schneider, Francesca Quattri
- **Track G: Community Resources**
  - Amanda Vizedom, Oliver Kutz

Support Teams and Champions

- **Team R: Public Relations (includes Sponsor Relations & Website Development**
  - Marcela Vegetti (website)
  - Still looking for additional co-champions for Public Relations
- **Team M: Program Management (includes operations, logistics, production)**
  - Peter Yim
  - Still looking for additional co-champions for Program Management

Schedule of Summit Events

- January 23: Track A
- January 30: Track B
- February 6: Track C
- February 13: Track D
- February 20: Track E: Hackathon Launch
- February 27: Synthesis I: Proposed Communique Outline
- TBD
- April 28 & 29: Symposium

Reference the developing Master Event Calendar at:
ontolog.cim3.net/cgi-bin/wiki.pl?OntologySummit2014#nid426N

Today's Agenda

- Desired outcomes for this Summit (remarks from the co-organizers):
  - NCO_NITRD: George Strawn   NIST: Ram Sriram
  - IAOA: Michael Gruninger   NCBO: Mark Musen
  - NCOR: Barry Smith   Ontolog: Peter Yim

- Introduction to the topics and tracks for this year's theme
  - Track Co-Champions

- Symposium overview and vision (symposium co-chair)
  - Ram Sriram, Tim Finin

- Support infrastructure, Process, and Administrivia
  - Peter Yim

- Q & A and open discussion on what the community wants to achieve in this Summit: see slide 3 questions

- Conclusion / Follow-up / Next session