

Ontology Summit 2012

Ontology for Big Systems

Postmortem
April 26, 2012

General Chairs:
Nicola Guarino, Leo Obrst

Postmortem Agenda

1. Introduction and Summary of Ontology Summit 2012: Leo Obrst
2. Open Discussion-I: Postmortem of this year's summit (Lessons Learned) – Moderator: Ram Sriram
3. Ongoing Follow-on Activities:
 - 3.1 Leveraging the Ontology Summit 2012 Communique and Spreading the word – Todd Schneider and Ali Hashemi
 - 3.2 Interim report on the Ontology Summit 2012: Survey on "Experiences with Ontology Quality and Big Systems" – Amanda Vizedom, Mike Bennett, Simon Spero
 - 3.3 The (new) "Modeling Benchmark Challenge" project – Henson Graves
4. Open Discussion-II: Follow-on Action planning (and brainstorming for next Summit) - Moderator: Michael Gruninger
5. Once again: a solicitation to endorse the Communique if you haven't already done so. See: [OntologySummit2012_Communique](#). Endorsement instructions can be found near the top of that page.
Note that endorsements will close by end-of-day 12-May-2012
6. Summary and Wrap-up: Leo Obrst

Recap of Ontology Summit 2012

- Launch of the virtual summit: Thursday, January 12, 2012
- 3 months of on-line discussion
- Ontology Summit 2012 Symposium: April 12-13, 2011 at NIST, Gaithersburg MD, for final discussion, consensus, and presentation of our Communiqué

Co-Organizers of Ontology Summit 2012

- Ontolog
- NIST
- NCOR
- NCBO
- IAOA
- NCO/NITRD

Thanks!

Goals of the 2012 Summit

- To bring together and foster collaboration between the ontology community, systems community, and stakeholders of some of the "big systems."
- To explore, identify and articulate how ontological methods can bring value to the various disciplines required to engineer a "big system."

Structure of Our Discourse

- Ontology for Big Systems and Systems Engineering
- Challenge: Ontology and Big Data
- Large-scale Domain Applications
- Ontology Quality and Large-Scale Systems
- Ontology for Federation and Integration of Systems
- Communiqué
- Public Relations Media Kit and a New Site

- Ontology Survey: Experiences with Ontology Quality and Big Systems
- Ontology for Big Systems Bibliography/Library
- Modeling Benchmark Challenge

Our Organizing Committee

General Chairs

Nicola Guarino
Leo Obrst

Symposium Chairs

Ram Sriram
Michael Gruninger

Ontolog Infrastructure Support and Administrator

Peter Yim

Communiqué Editors

Todd Schneider
Ali Hashemi

Public Relations Champion

Ali Hashemi

Track Co-Champions

- 1-2. Matthew West
Henson Graves
3. Ernie Lucier
Mary Brady
4. Steve Ray
Trish Wetzel
- A1. Amanda Vizedom
Mike Bennett
- A2. Cory Casanave
Anatoly Levenchuk

Thanks!

Ontology Summit 2012 Statistics

(as of 2012.04.26 – 08:00 PDT)

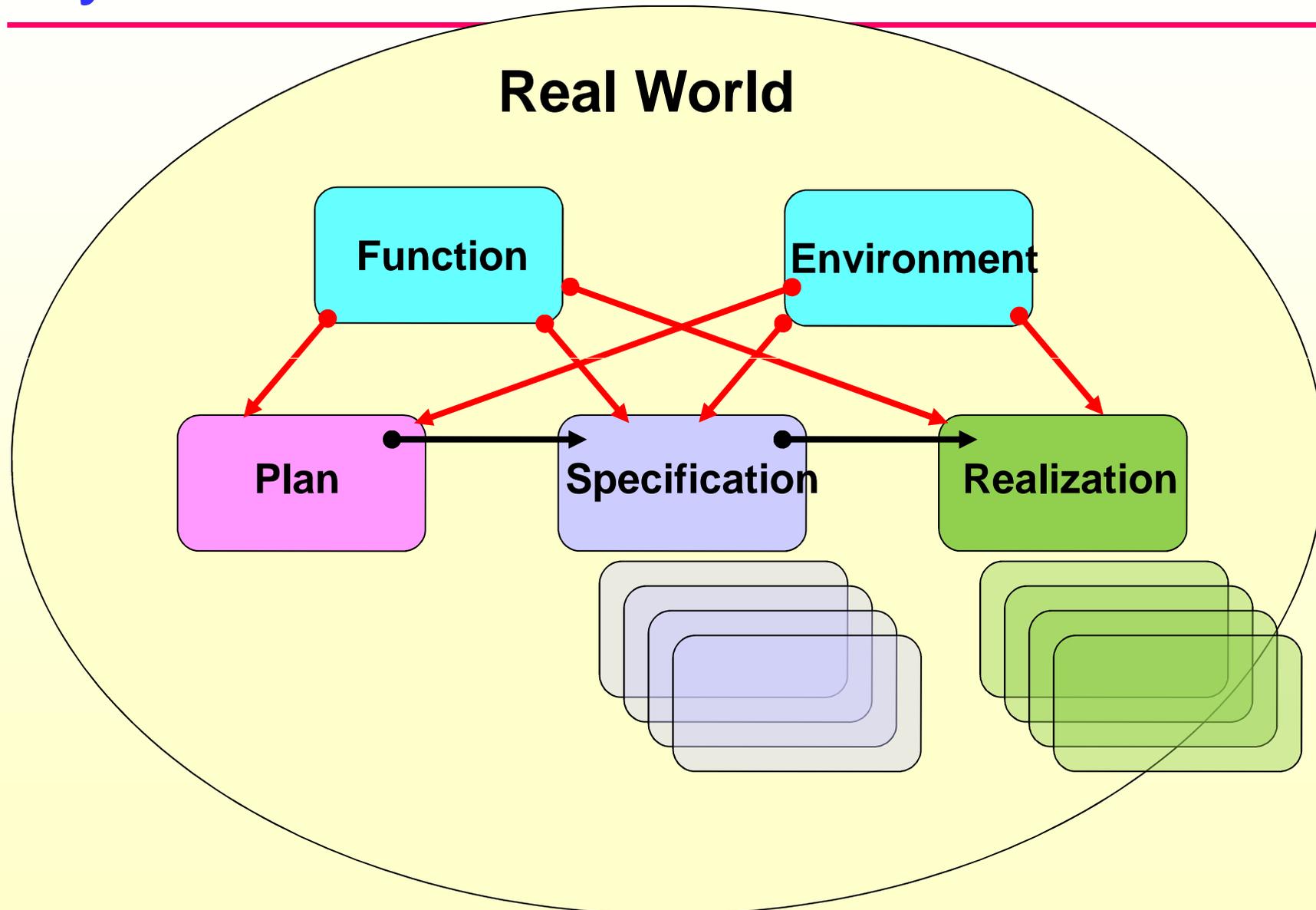
- Co-organizers: 6 =
- Organizing committee Members: 26 +
- Advisory Committee Members: 93 -
- Co-sponsors: 73 +
- [ontology-summit] list subscribers: 501 +
- Communique co-editors: 14 -
- Virtual organizing sessions: 11 =
- Electronic Messages exchanged: 1310 +
- Virtual community sessions: 17 +
- Two-day Symposium registrants: 80 -
- Presentations made: 99 +
- Communique endorsements: 51 -

Legend: = same ; + increased ; - decreased (as compared to last year)

Our Experience and the Importance of Ontology Summit 2012

- We experienced the exhilaration and the friction of 3 diverse communities coming together, engaging on a common topic of great interest to us all
- We had dedicated, technically focused Track Champions who kept us moving
- We had great Session chairs and panelists who provided us with insight into different perspectives
- Sometimes we got sidetracked into extraneous discussion on the list
- We came to agreement and we disagreed

Considerations: Ontology of Systems



Where are We after Ontology Summit 2012?

- Ontologists understand better the complexity of the requirements and modeling issues of system engineers across the full system lifecycle
- System engineers understand better the value, difficulties, and promise of using ontologies to support the engineering of systems and systems of systems
- Big system stakeholders understand better the dedication of systems engineers and ontologists, and their dedication to providing great technical value
- We all understand more about the technical difficulty but necessity for both ontology and system federation, integration, and interoperability
- We understand more about the value and necessity of ontology quality

Follow-on Actions

- Endorse the Communique
- Complete the Ontology Survey
- Use the Ontology for Big Systems Library
- Join in the Modeling Benchmark Challenge
- Consider Next Year's Ontology Summit
- Read about the Communique in Applied Ontology
- Value and Maintain our 3-Community Interchange
- Preserve the Openness of our Forum and the Ontology Summit