

Getting ready for ...

Ontology Summit 2012

Pre-launch Community Input
& Brainstorming Session

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(v1.2)

The Ontology Summit

- An annual series of open, international, event of the Ontology and other collaborating communities
- This Ontology Summit is co-organized by Ontolog, NIST, NCOR, NCBO, IAOA, NCO-NITRD
- The 7th year we are organizing this series of events.
- General format: a series of both virtual and face-to-face activities that span about 3 months

Calendar of Events

Launch of the 2012 Ontology Summit

Thursday, 12-Jan-2012

- Virtual event (2-Hr. session), starting 17:30 UTC
(same time as this session; this will be the standard weekly event time-slot for the rest of the Summit, please block your calendars)

... 3 months of vigorous online discourse on the theme of the Summit, over the [ontology-summit] mailing list & virtual panel discussions, research activities, and production of tangible results

March/April, 2011 at NIST, Gaithersburg MD

culminates in a 2-day Ontology Summit Workshop & Symposium
(supporting both face-to-face & virtual participation)

for final discussions and polishing of a communiqué

The OntologySummit2012 Team

- Organizers:
 - Ontolog, NIST, NCOR, NCBO, IAOA & NCO-NITRD
- Ontology Summit General Co-Chairs
 - One co-chair designated by IAOA
 - One co-chair designated by the Organizing Committee
- Ontology Summit Symposium Co-Chairs
 - One co-chair designated by NIST (our symposium host)
 - One co-chair designated by the Organizing Committee
- Organizing Committee – comprising Content Track and other Champions, as well as Communiqué Editors (from the co-organizers and community volunteers)
- Advisory Committee (invited by the Organizing Committee)
- Co-Sponsors (who support this endeavor)
- Most importantly **Community Participants & Contributors** (you!)

Today's Objective

- Refining and adopting the theme for the 2012 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

Agenda

- Introduction and ideas
- Open floor for even more ideas
(Please use the chat room to ensure your ideas are properly recorded)
- Collecting volunteers for the full team
- Summary & wrap-up

Ontology Summit 2012: Theme

Culling from [suggestions](#) collected, as pared down during our earlier co-organizer meetings ... candidates include:

- **Ontology in Solutions for Systems Engineering**
where Systems engineering focuses on the interactions of people with their systems, and thus includes information technology, data and metadata, socio-technical and cultural aspects including institutional, legal, economic, and human-centered design requirements.
- **Ontology in Engineering “Big Data” -**
 - where “Big Data” may include dimensions like:
 - Complexity (“Big Complexity”)
 - Large quantities of data
 - Heterogeneity of data (e.g. 600 different representations of patient records)
 - Federation of distributed data sources
 - Extracting (useful) knowledge out of big data (using ontology to UNDERSTAND data)

Candidate Theme / Titles

- **Ontology: Solutions for Systems Engineering**
 - alt1: Tackling Real System Engineering Problems with Ontology
 - alt2: Tackling Real Systems Engineering Problems
 - alt3: Ontology: Engineering Systems of the Future
- **Ontology: Engineering Big Data**
 - alt1: Ontology: Throwing a lifeline to Big Data
 - alt2: Making Sense of Big Data
- Maybe a combination of both **Ontology in “Complex Systems”**
- For either option: This summit will formulate recommendations for the application of ontological techniques to specific key problems we are facing in the subject area.

Candidate Themes / Tracks

- For the Ontology & System Engineering Theme
 - Software engineering
 - Business rules and enterprise issues
 - Socio-technical environment
 - Addressing “Big Data”
 - Ontology Quality in Context
- Potential supporting tracks:
 - Health applications
 - Reference Data / Authoritative Data
 - Business Process Data
 - Net-centric Society
 - Grand Challenge Problems (could be preparation for 2013 Summit)

Picking a Theme

- 15~20 min. max (we can't to spend too much time on this)
- Suggestions, tweaking, ...
- Open discussion
(please document on the chat-space)

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 purpose (i.e. the objective) of this Ontology Summit*

What's Next

- Formation of an Organizing Committee
- (Organizing committee to)
 - Elect chairs and champions
 - Finalize the Tracks and the organization to tackle them
 - Finalize the approach and process
- First Organizing Committee Meeting
 - Fri 2012.01.06 *(please mark your calendars)*
- OntologySummit2012 “Launch Event”
 - Thu 2012.01.12 *(please mark your calendars)*

Any other business,
or Question?

THANK YOU!