

Ontology Summit 2012

Cross-track Aspect 1:
Ontology Quality and Large-Scale Systems

A1: Ontology Quality and Large-Scale Systems: **Mission**

- This cross-track aspect will focus on the evaluation of ontologies within the context of Big Systems applications. Whether creating, developing, using, reusing, or searching for ontologies for use in big systems, engineers, architects, designers, developers and project owners will encounter questions about ontology evaluation and quality. How should those questions be answered? How do we know whether an ontology is fit for use in (or on) a large-scale engineered system or a large-scale systems engineering effort? This cross-track aspect ties together the evaluation-related discussions that arise within the Summit Tracks and individual sessions, providing a context in which to take up and address the issues generally. Specific focus will evolve with recurring themes, potentially including such topics as ontology quality characteristics, fitness for purpose, requirements, metrics, evaluation methodologies and resources.

A1: Ontology Quality and Large-Scale Systems: **Making it Happen**

- Approach and Aspirations
 - Mostly asynchronous, online via ontology-summit mailing list and wiki
 - Note quality-related issues, questions, solutions, and examples arising within tracks, in online conversations or virtual sessions
 - Pull these together, discuss and track as running, focused thread
 - Identify issues, questions, needs, approaches, resources, and suggestions across the tracks
 - Allow focal topics and emphasis to evolve according to what emerges in track discussions
 - Use one dedicated virtual session to bring in panelists with special expertise and experience to enhance this conversation
 - Harness community's breadth and depth of experience to analyze and address issues of quality and evaluation
 - Move toward discovery of useful approaches, resources, and solutions

A1: Ontology Quality and Large-Scale Systems: **Making it Happen, cnt'd**

- **Community Contributions**
 - Pull topics, discussions, issues from tracks into this thread, via email list and wiki
 - Contribute own analysis, experience, knowledge, suggestions to running conversations and wiki content
 - Raise related topics for discussion on email
 - Make suggestions and requests for virtual panel content.
- **Champion Contributions**
 - Work to make sure related topics make it into aspect discussion
 - Facilitate email & wiki activity
 - Organize and facilitate virtual session
 - Draw on relevant experience and knowledge to help thread activities produce useful results, e.g., by pointing to relevant resources.