

Standards for Knowledge Graphs Session 2

organized by

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Generic Information Modeling Requirements

- Model Construction
- Representation across scales and levels of abstraction
- Broad accommodation for multiple formalisms
- Separation of domain-specific concerns
- Integration and aggregation across models
- Model evolution
- Flexibility and modularity
- Scalability

Knowledge Graphs and Networks

- The summit discussed many approaches to knowledge graphs and networks
- The field is reasonably mature as can be seen by use in the industry (Google, etc..)
- A standard representation will aid in increased use
- It will also lead to formal knowledge repositories in number of domains
- Could be developed in a flexible manner (e.g., layered, modular)

Questions for Today's Panelists

- Are we ready for standards?
- What is the current state of the art?
- What should the future be?
- What are the roles for various organizations?

Panelists

- **Lisa Carnahan**
 - NIST
 - *The IT Standards Process*
- **Barry Smith**
 - University of Buffalo
- **Michael Grüninger,**
 - Semantic Technologies Lab, University of Toronto
 - *Standards and Ontologies*