Ontology Summit 2012: Track 4

Track 4: **Large-scale domain applications**

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Mission

This track will help to ground the discussions in the other tracks and bring key challenges to light by describing current large-scale systems and systems of systems that either use, or could use, ontologies in their deployment.

"Large-scale" can mean either very large data sets, very complex data sets, federated systems, highly distributed systems, or real-time, continuous data systems.

Examples of large data sets might include scientific observations and studies; complex data sets could be technical data packages for manufactured products, or electronic health records; federated systems could include information sharing to combat terrorism, highly distributed systems includes items such as the smart electrical grid (aka Smart Grid), and real-time systems include network management systems. Of course, some big systems might include all five aspects.

Making it happen

- Approach
  - We will use the Thursday sessions for presentations of example systems, followed by discussion with the community at that time and via email
- What contributions do we want from the wider Community?
  - Notifying the team by email of good examples of large-scale systems as defined in the mission statement, and providing speakers for those systems
- Aspirations?
  - Examples of each type of large-scale systems, with identification of where ontologies have, or could, help in their design and use
- What do we bring?
  - Experience in several domains: biomedical, smart grid, government systems