

Desired outcomes from the perspective of NIST

OntologySummit2012 Launch

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NIST's Mission, and ITL's Goals

- NIST
 - To promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.
- ITL
 - Accelerate, through standards, tests and metrics, the development, deployment and use of secure, usable, interoperable and reliable information systems that make American businesses more innovative and more competitive.
 - Enable world-class measurement and testing through research innovations in the areas of computer science, mathematics and statistics

Expectations from Summit

- Well documented use cases
- Need to show that using ontologies will result in:
 - Improved specifications and modeling of large systems
 - More efficient methods of testing software (in the large)
 - Better analytics for “big data”
- Identify challenges, future trends and potential research areas for ontologies (hopefully NIST related) in a technical report