

Desired Outcomes from the Perspective of NIST

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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

- Ontology is increasingly adopted by industry
- Lack of established measurement science for ontology quality
- Ontology Summit addresses
 - Metrics for ontology evaluation
 - Metrology for ontology evaluation
 - Methodology for building ontologies