

A standard ontology for Units of Measure – status: 24 Sept 2009

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Activities

- Requirements gathering
- Language selection
- Literature search – available models
- Initial draft
- Standards development organization project

Requirements gathering

- Two Web conferences, 7 presentations, many emails
- No written draft of requirements yet
- Responsible party: Ed Barkmeyer

Language Selection

- Ontology language:
 - OWL v2 (possibly OWL/Full, i.e. + RDF)
 - parallel axiomatic formulation in CLIF
- Graphical representation for presentation and discussion
 - UML (UML Profile for OWL)

Literature Search (1)

- Standard Reference: VIM = International Vocabulary for Measurements
- Available ontologies
 - DOLCE
 - QUDT
 - BFO
 - others?

Literature Search (2)

- Other formal models in proposed standards
 - UCUM
 - UnitsML
 - QUDV
- Analysis and comparison
 - not started
- Responsible parties: ? (Ontolog community)

Draft Specification

- Current draft: 17 August 2009
 - wiki:
 - state: Strawman
 - from VIM and other models and discussion
- Review and Comment
 - occasional emails
- Next Draft: ?
- Responsible Editor: David Leal

Standards Development Project

- Standards body identified
 - not started
- Formal memberships, sponsors identified
 - not started, depends on body
- Project initiation documents developed
 - not started, depends on body
- Responsible team
 - not identified