

Semantics sessions summary

- See wiki page for presentations
 - InterOpOct2008Semantics

Vocabularies document

- N. Gray reported on current status
- 'editors draft' revision 806 available after RFC
- Remarks on SKOS
 - People from SKOS made very positive feedback
 - SKOS standard will be W3C Rec. in dec 2008
- Decision to continue Vocabularies document recommendation process
 - BUT include a ref. to final SKOS document after it becomes W3C Rec.

Vocabularies document

- Need for 2 working implementations
 - we have 4 (+ VOEvent and Theory use)
- How to publish vocabularies to the VO ?
 - ivoa.net/rdf
 - publish a note describing the vocabulary
- Maintaining a vocabulary ?
 - SKOS handles deprecated words
 - people who produce vocabularies maintain them

Ontologies

- S. Derriere report on ontologies in VOTECH
 - see VOTECH wiki for existing OWL & use cases
 - ontologies can allow solving problems without developing expert systems
- **Vocabularies mapping**
 - map several vocabulary words to a concept
 - provide mapping outside the ontology

DB as RDF

- A. Gray report on exposing DB as RDF
- Experiments
 - SUPERCOSMOS archive
 - 18 different test queries
- Expressivity issues with SPARQL
 - only 9 can be expressed, 5 executed
- Scalability issues for exposing DBs as RDF
 - loading can be quite long

New UCD words proposal

- New set of words suggested since 04/2007
 - geodesy and fundamental astronomy
 - theory
 - polarization
- New « UCD controlled vocabulary » document with these changes
- Make the existing maintenance process clearer
 - **reshaping of the Semantics main wiki page (SD)**

Spectral classification

- Myron Smith presented a proposal for a standard coding of spectral types
 - TT.tt.LL.PPPP
- Discussion of relevant UCDs
 - src.class.luminosity
 - src.spType
 - meta.code.class
- Check that this coding can be described with UCDs

Ongoing work

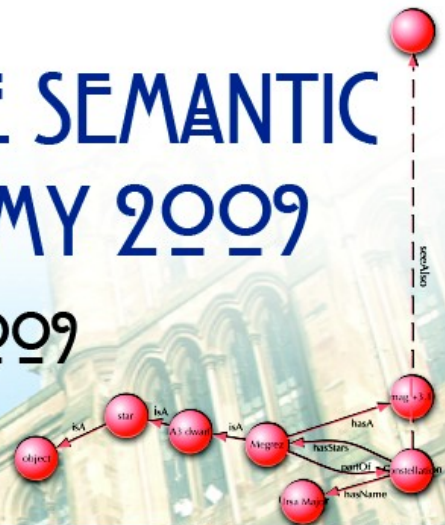
- Vocabularies for VOEvent
- SKUA
 - annotation on astronomical resources



PRACTICAL SEMANTIC ASTRONOMY 2009

2-5 MARCH 2009

GLASGOW, UK



<http://www.dcs.gla.ac.uk/workshops/semast09/>

Plans

- Vocabularies doc. to REC
- Updated UCD controlled vocabulary
- Spectral classification note
- Vocabularies-related application
 - mappings (between vocabs, and with full text)
 - validation
- SKUA
- Practical Semantics 2009