Semantics WG Report

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Presentations (1/2)

- Markus Demleitner: Vocabulary for VOResource 1.1
  - Revamped Norman Gray's mechanism for publishing vocabularies used in IVOA standards
  - Need to define a process to update / upload vocabularies
  - Evolution of dictionaries should be independent on the evolution of standards to allow greater flexibility in use of concepts/terms
- Nicolas Moreau: SKOS Usage in VOTheory
  - Vocabulary needed for SimDM, SimDAL
  - SimDM specifies SKOS concept as an identifier
  - Concept URIs based on http://purl.obspm.fr, should it be http://ivoa.net?
  - Curation: used Poolparty in the past but abandoned due to cost, looking for new platform

Presentations (2/2)

- Alberto Accomazzi: Update on the Unified Astronomy Thesaurus
  - Developed to describe concepts found in core astronomy literature
  - (Will be) Used by publishers, ADS, STScI
  - v. 1.1 released earlier in 2016
  - If you are using something else to describe / tag data, please take a look at this and collaborate!

Issues related to Vocabulary Management

- Process:
  - Where are discussions taking place, when are vocabularies "approved"?
  - How does a WG advertise the existence of a vocabulary?
- Curation: How does vocabularies get updated?
  - Curators need time to review changes, WG members need to weigh in
  - Impact of changes may be great across tools / services across VO
- Use:
  - What should be the official Thesaurus for IVOA use?
  - How do we encourage / enforce use of vocabulary terms (e.g. Registry)?
- Technical:
  - What are the URIs that should be used for concepts?
  - How do we deploy vocabularies to official endpoints (ivoa.net)?

Outcome

- No decisions taken, but identified a number of issues to be solved
- Semantics Chair / Vice Chair will propose best practices for Vocabulary management and publishing in IVOA framework
- Discussion will have to continue on Semantics mailing list, involve TCG