

Semantics in Groningen

One session on Saturday:

- Vocabularies in ProvDM
- Vocabularies in Theory
- How to do Vocabularies in the VO

Vocabularies in ProvDM

Replace “suggested terms” word lists in ProvDM?

- generation type (main, calibration, preview, setup...) – superficial similarity to datalink; it’s probably actually something else.
- activity description (observation, simulation, reduction...) – looks good to me (perhaps reconstruction is narrower than analysis?)
- agent roles (author, creator, funder...) – delimiting the terms is still a bit problematic.

Actions to be worked out between Semantics and ProvDM group.

Vocabularies in Theory

SimDM had five SKOS vocabularies since forever.

In Paris: Move them into IVOA vocabulary repo?

Feeling within Theory: We want to manage them ourselves with an internal process.

Exception: Astronomical object types.

Vocabularies in the VO 2

There's now a WD, sporting:

- Three flavours – result of wanting to do RDF but no ontologies.
- Maintenance process – will be tried next semester.
- Standard deployment (“no RDF required”) – no significant changes over what we did for datalink and VOResource.

Versioning

The external Unified Astronomy Thesaurus (UAT) has explicit releases and versioning.

No use cases for highly visible versions in VocinVO2 yet – if you have some, come forward.

Currently: W3C-style redirects to the last version from canonical URL, only to be used for debugging.

External Vocabularies

Carlo requested (roughly) to not make a major distinction between standard, IVOA vocabularies and external ones.

This would require dropping a number of use cases (in particular, no “RDF tooling required” and “human-understandable URIs”).

Rough Roadmap

- UCD maintenance: Next UCD list EN, next round of modification requests (thanks, Mireille and Baptiste).
- VocinVO2: Try vocabulary updates – a few datalink terms are waiting. DAL and Semantics: Participate!
- If that works nicely: Perhaps have PR after Sydney?
- I'd like to see a vocabulary of Object Types compatible with both Simbad and UAT. Initial discussions during ADASS – let's see.