

Semantics session

Thursday 16:00-17:30 @Merino

*IVOA interoperability meeting
Victoria 2010 may 20*

WG status

- Low activity within WG since last Interop...
 - no urgent new REC in progress
 - funding issues for some projects
- ... but interest in vocabularies from other WGs
 - VOEvent
 - Theory
- Emerging needs at this Interop
 - Ontologies (related to source classification)
 - Units
 - ...

Vocabularies

- Development by/with other WGs
 - possible re-use of existing vocabularies
 - extension of existing vocabularies
 - issues in discovering, accessing, browsing vocabularies
 - use cases for vocabularies ?
- Need for
 - cookbooks, examples
 - vocabulary repository with versioning
 - list of use cases

Ontology standard

- Ontology of astronomical object types
 - INAF, CDS
 - IVOA Note
- Identified as core IVOA component for queries by source class
 - search for AGN data
- Move to WD, PR, REC
 - what gets standardized ?
 - construction method? high-level structure? OWL file?
concept labels?
 - how is this maintained ? (cf Gene ontology)

Units

- Core IVOA component
- Idle in DM WG
- Contribution from Semantics WG ?
 - broader group discussed at TCG
- Volunteers to participate in Units standard?
 - definition
 - validation
 - develop/adapt tools

UCD list of words

- Pressure makes things move forward
- Not much pressure on this topic
- ... + UCD tips



Semantic « Web Services »

- Build simple tools or libraries
 - simple reuse in the VO
 - publishing
 - portals
- Like UCD suggest / explain / validate
- Example
 - vocabulary Suggest for HTML forms
- Collect ideas, and encourage developments

« Semantic Web » services ?

- Semantic annotations in HTML pages
- Demonstrated at ADASS
- Real need for this?
- Define standard practice?

AstroInformatics2010

- June 19 = Astrosemantics

