

AIDA Work Package Management Team Meeting, June 2009

WP6 Plans

WP6: Reprise

- Evolution of VObs interoperability standards
- Joint Research Activity (JRA)
- UEDIN
- Investigate compliance testing of Euro-VO Registered resources
- Co-ordinate and document prototypes and standards
- Cover standards not addressed in WP7 (Data Access Layer, Data Models and VOQL)

WP6: Objectives

- To decide what technical standards and protocols are required for Euro-VO
- To bring forward these requirements to the IVOA
- To develop drafts of these standards
- To develop prototype software implementing the draft standards
- To make all possible effort to conclude international agreement on the necessary standards
- To ensure that deployments within Euro-VO are compatible with IVOA standards.

Applications

- SAMP standard:
 - Define new mTypes
- Add/complete SAMP capability:
 - VirGO
 - VODesktop
 - VOSpec
- On-going:
 - JSAMP Support

G&WS

- Security
 - Questions:
 - Minimum requirements?
 - Trusted authorisation engines?
 - Plans:
 - Merge/assimilate existing systems
 - Bridge between disparate systems
 - Prototype ideas and edge cases

G&WS

- VOSI
 - TAP + Reg + etc
 - Root URL for all VOSI end points?
- VOSpace
 - Complete V1.1 implementations
 - Prototype V2.0 (REST)
- REST: Best practises

Registry

- Finalise VODataService schema
 - Dependent upon TAP / VOSI etc
- Finalise S*AP schema extensions
- Prototype Curation Tool
- Prototype Registry search proposals

Semantics

- Continue development of the CDS annotation service
- Investigate SKUA, an infrastructure to create and share annotations
- Continue to improve the ontology of astronomical object types
- Port the existing code to the Manchester OWL API
- Design and implement an automated instantiation process for the ontology of astronomical object types
- Design and implement a web service use-case exploiting the knowledge structured in the ontology

Note: Some of this work is shared with WP8

Theory

- SimDAP
 - VisIVO implementation
 - Convergence with microsimulation requirements
- SimDB
 - Extensions for microsimulation
 - Spectra extensions
- Simulation semantics

Data Curation & Preservation

- Low volume activity
- Mostly a watching brief
- Plan to be ready to respond as appropriate
- No explicit plans at the moment

VOTable

- Largely a completed activity
- Final changes in support of DAL/TAP now complete
- VOTable V1.2 document posted
 - <http://ivoa.net/Documents/cover/VOTable-20090613.html>
- Bring document to REC
- Upgrade SAVOT to VOTable V1.2 compliance

VOEvent / OGF Astro-RG

- Low volume activities
- Plan to maintain general watching brief