

IVOA Registry WG Summary Report Pune, 29 Sept 2004



Accomplishments

- VO registries have reached level of completeness and interoperability sufficient to support January 2005 science demonstrations
 - Publishing and searchable registries
 - Multiple independent implementations
 - NVO, AstroGrid, AVO/CDS
 - Resource schema V0.10
 - OAI harvesting
 - CDS Vizier accounts for >98% of resources; registry metadata improved
 - Registry→GLU, Aladin V3.0
- Registry Standard Interface specification v0.1

Issues.1

- Granularity
 - Different levels of granularity might lead to interop problems. TBD.
- Registry has minimal relational information
 - Add “Deprecated by...” to relatedResource
 - Develop further structure metadata
- Not yet clear how to register mirror site resources
- “Best practice” – record deletion?

Issues.2

- Curation

- Metadata validation, service validation, human review
- Metadata entry, context-sensitive forms
- Coverage metadata
- Clarify priority for metadata elements (must, should, may)

- Registry Standard Interface

- Need separate elements for search and publish interface URLs; separate elements for web service and web browser



Interfaces with other WGs

- Grid/Web Services – advice on metadata elements for web services
- Data Models – coverage specifications and STC, future footprint services (including depth/sensitivity)
- XML schema validation

Registry WG Roadmap

- Current Resource Metadata document and VOResource schema frozen for January 2005 science demonstrations
- By May 2005 Interop...
 - Incremental update to Resource Metadata document and associated VOResource schemas
 - Refine/expand Registry Standard Interface specification, V1.0
 - Approach to curation – IVOA Note
 - Evaluate granularity/interoperability issues based on next ~6 months experience

