

WA2, Interoperability

AVO project meeting
Cambridge, Dec. 16th, 2002

WA2 activities

- AVO-Jan03 demo
- Standards

- WA2 meeting: Strasbourg 30 Sep/Oct 1
- Pre-demo meeting: Strasbourg, Nov 15

Interoperability

- Follow-up of January meeting
 - « VOTable percolation » (science demos)
 - ‘light weight’ VOTable parser (A. Schaaff)
- Interoperability WG meetings:
 - Baltimore, October 17th, 2002
- OPTICON meeting
 - Paris, September 23-24, 2002

Current hot topics (1)

Experiments going on:

- Web Service
 - Sesame name resolver (SIMBAD + VizieR)
 - GLU in the WS context
- UCDS
 - Tool for UCD assignation
 - Evaluation (SSDS with A. Szalay, radio from A. Richards)
 - Assesement of ‘atomic’ model proposed by G. Rixon

Current hot topics (2)

- Data Model (IDHA/CfA),
 - Meeting at CfA
 - Usage for the hierarchical view of GOODS demo data
 - Also Simple Image Access protocol
 - Implementation, hierarchy?
- Resource and service metadata

AVO Jan03 demo: interface (1)

- Implementation of VOTable parser (AS)
- Implementation of UCDs and column ‘filters’ (TB+PF)
- Interface access to SED and ACE (TB+MA+FO+PF)
- Take GOODS image contrasts correctly into account (PF)

AVO Jan03 demo: interface (2)

- Improve Aladin to load heavy configurations (PF)
- Develop manual recalibration (PF)
- Increase the number of available planes in the plane stack (PF)
- Customized, hierarchical view of data (TB + FB+PF)

AVO Jan03 demo: data

- Get and integrate GOODS data in the Aladin image server (MA+FB+FP+)
 - Partially done (ISAAC, WIF1, ...ACS)
 - Cutouts for large images (FB)
 - Recentering and full, ordered list of available images (FB)
- EIS catalogues integrated in VizieR (FO+MA)

Jan03 demo from interoperability point of view

- VOTable ‘light weight’ parser
VOTable as data exchange format
- UCDS for data selection
- ‘filters’ for data selection/transformation
- Hierarchical data model (view from IDHA)
data browsing/loading

Plans for next months (1)

- Science tests (Kontizas, Mann, Preite Martinez)
- UCDS
 - Tool for automated assignement
 - Assessment of tests/ ‘atomic’ proposal
- Data model
 - Simple image access protocol
 - IDHA (disc. in WA2)

Plans for next months (2)

- Very large catalogues
 - R&T, management with a PC cluster
 - Efficient multi-criteria access
- Table visualization tool (Indian VO collaboration)
 - Inclusion in VizieR
 - Interface with Aladin

Plans for next months (3)

- Web Service
 - Sesame name resolver
 - GLU in Web service context
- Aladin
 - Public version including filters
 - Assessment of new functions from science demo/science tests
 - Interface with table visualizer
 - SAIP
- Test of NVO proposed resource description

IAU

- Preparation of IAU GA
 - Joint Discussion
 - Commission 5
 - Demos (incl. Table visualisation, more distributed resources e.g. MACHO)