



Operations Interest Group Summary

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Tom McGlynn, Chair

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Weather Reports: Status of VO Services



- Somewhat different views of how things are going:
 - Pierre Le Sidaner (VO-Paris): most services getting gradually better
 - Christophe Arviset (ESA): not much changing
 - These services make different tests so some of the problems previously seen by VO-Paris are being addressed but not those detected by more detailed ESA scans.
- Adoption of VOTable erratum and updates to Java certificate libraries may address two issues with major providers at CDS and HEASARC and provide noticeable increase in counts of ‘valid services’
- Renaud Savalle discussed how users could easily explore VO-Paris validation results

Status of Validators



- A review of the validator's wiki page suggested three major holes in our validator coverage:
 - DataLink: since a variety of approaches are being tried with DataLink this may be a good candidate for multiple validators. We see many DataLink services coming on-line.
 - VOEvent: The details of what can be validated in VOEvent records and a VOEvent network might need to be addressed but this is a key area for development in the VO generally over the next year.
 - Standalone validators for most DAL services (SCS, SxA). Requiring developers to make their service public on the web is a barrier to early validation.
- Other minor edits needed.

ChiVO



- Camilo Nunez described very impressive framework for analysis and distribution of ALMA data.
- Uses DACHS for some of its VO functionality
- Provides Jupyter notebook capabilities for “Science Platform” capabilities. Not using VO here. Should IVOA be involved in this or is this technology developing too fast?

HEASARC report



- Review of HEASARC role as VO provider, consumer and monitor
 - Participant in NAVO collaboration to provide access to all NASA data
 - 50% of database queries but small fraction of data downloads
- Review of role of various VO standards as used and useful to HEASARC.
 - Much used or very promising: VOTable, SCS, SIA, HiPS, MoC
 - Broken (by HTTPS) or less useful/used than hoped: SAMP, TAP, UCDS
 - Resources constrain adoption so far: VOEvent, ObsCore (CAOM?), VOSpace, SODA
- Remain committed to vigorous role in VO
 - DataLink, SIAv2, ObsCore in queue.

Other Business



- Updates to Ops Wiki page: simplified and got rid of out-of-date information.
- Should we have some mechanism for more frequent feedback?
 - Agreed to distribute monthly summary of validation statistics on Ops list.
 - Probably not ready for telecons or such.
- How do we deal with ensuring quality of emerging critical capabilities?