



Data Access Layer Working Group

Closing

James Dempsey & Grégory Mantelet
20 Oct 2022



IVOA Northern Autumn 2022 Interoperability Meeting
18-20 October 2022

DAL 1 Session



Markus Demleitner - ADQL astrometry library: Status update

- Updating pgsphere to add support for proper motion

François Bonnarel - Discovery, description and access of Radio data in the VO. Status report

- Expanding to cover single dish and time series data (Pulsar and FRB)

Tom Donaldson - ADQL and Firewall SQL-Injection Detection

- Do we need to wrap ADQL queries to protect them from firewalls?

Jon Juaristi Campillo - A proposal for vector math in ADQL

- User defined ADQL functions to support spectra sent as arrays in TAP results



DAL 2 Session



James Tocknell - User-focused evolution of VO service design

- Range of tools/languages used are much wider than we often focus on
- Create user focused documentation explaining data access eco-system
- Consider “user profiles” concept from Software Carpentries

François Bonnarel - DAP, SODA, Datalink status

- DAP (was SIA2) evolving in new repository to cover all data product types
- Datalink 1.1 needs more implementations

James Dempsey - Implementing an SIA1 service for CASDA

- ‘One shot’ cutout support in SIA2/DAP desirable



Other Sessions



Operations

- Feedback on Conesearch, SSA, sexagesimal values
 - Errata and/or revisions required
- Will have a DAL running meeting to organize the updates

Radio Interest Group

- SKA SRC planning to use many VO data access standards
- NRAO TAP service for VLA, VLBA



Follow & Connect to DAL



Connect to DAL

- mailing list: <http://mail.ivoa.net/mailman/listinfo/dal> → subscribe! dal@ivoa.net
- wiki: <https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL>
- github: <https://github.com/ivoa-std/{DOCNAME}>
- slack: [#dal channel](https://join.slack.com/t/ivoa/shared_invite/zt-r22e0ir4-KMOQXzAMmKzcUXWOjrJSZQ)
- running meetings: https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings

Contact the DAL coordination:

- James → james.dempsey@csiro.au
- Grégory → gmantelet@astro.unistra.fr

Thanks!

