



Data Access Layer Working Group

Opening

James Dempsey & Grégory Mantelet
18 Oct 2022



IVOA Northern Autumn 2022 Interoperability Meeting
18-20 October 2022

The Data Access Layer (DAL) WG



Within the IVOA, DAL aims to provide **standards for querying and accessing data holdings**. These standards are primarily implemented by observatories and other data providers, so that the community can use **agreed and shared** tools to interact with the data holdings.

It depends on

all other Working and Interest Groups of the IVOA

providers taking up (implementing) its Recommendations

all the community for feedback and new requirements



DAL activities (since Apr '22)



Running Meetings

- #13 – July – LineTAP status and discussion
- #14 – September – SIA2/SODA -> Dataset Access Protocol

Errata

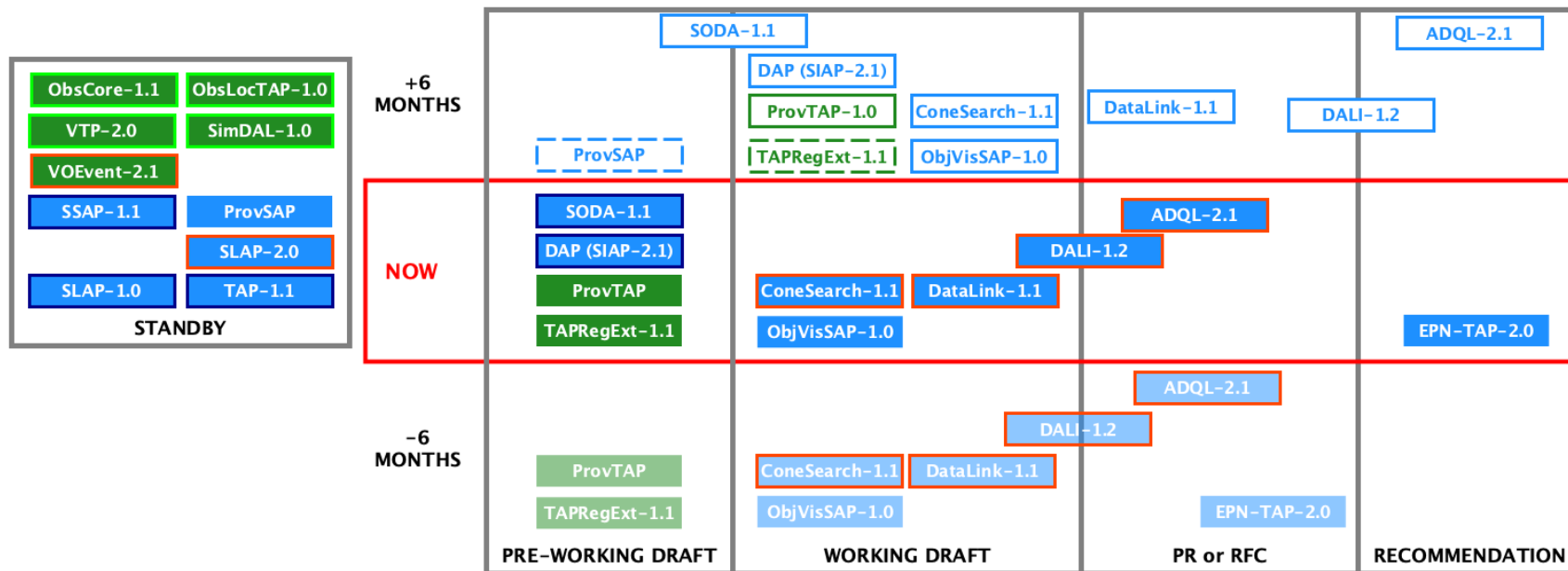
- SCS v1.03 Erratum 3 - Make example error message a valid VOTable



Standards Progress



- EPN-TAP v2.0 – Rec – Aug 2022



DAL Sessions



Schedule Summary						
Session	DateTime UTC	UTC-07:00	UTC-04:00	UTC+02:00	UTC+08:00	UTC+11:00
		<i>Victoria BC/Pasadena</i>	<i>Washington DC</i>	<i>Strasbourg/Paris</i>	<i>Perth/Beijing</i>	<i>Canberra</i>
DAL 1	<u>Oct 18 20:30</u>	Tue Oct 18 13:30	Tue Oct 18 16:30	Tue Oct 18 22:30	Wed Oct 19 04:30	Wed Oct 19 07:30
DAL 2	<u>Oct 20 06:30</u>	Wed Oct 19 23:30	Thu Oct 20 02:30	Thu Oct 20 08:30	Thu Oct 20 14:30	Thu Oct 20 17:30

DAL 1

Speaker	Title
Markus Demleitner	ADQL astrometry library: Status update
François Bonnarel	Discovery, description and access of Radio data in the VO. Status report
Tom Donaldson	ADQL and Firewall SQL-Injection Detection
Jon Juaristi Campillo	A proposal for vector math in ADQL

DAL 2

Speaker	Title
James Tocknell	User-focused evolution of VO service design
François Bonnarel	DAP, SODA, Datalink status
James Dempsey	Implementing an SIA1 service for CASDA

<https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpOct2022DAL>



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Follow & Connect to DAL



Meeting schedule & details

- <https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpApr2022DAL>

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 as needed: https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings

Contact the DAL coordination:

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Thanks!