



Data Access Layer Working Group

Opening

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26 Apr 2022



IVOA Northern Spring 2022 Interoperability Meeting
26-29 April 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 Nov '21)



DataLink

- Clarify service descriptors
- DALI Compliance

ADQL

- New COALESCE optional function

SIA

- Expansion to cover all datasets

Operations, validation, compliance, ...

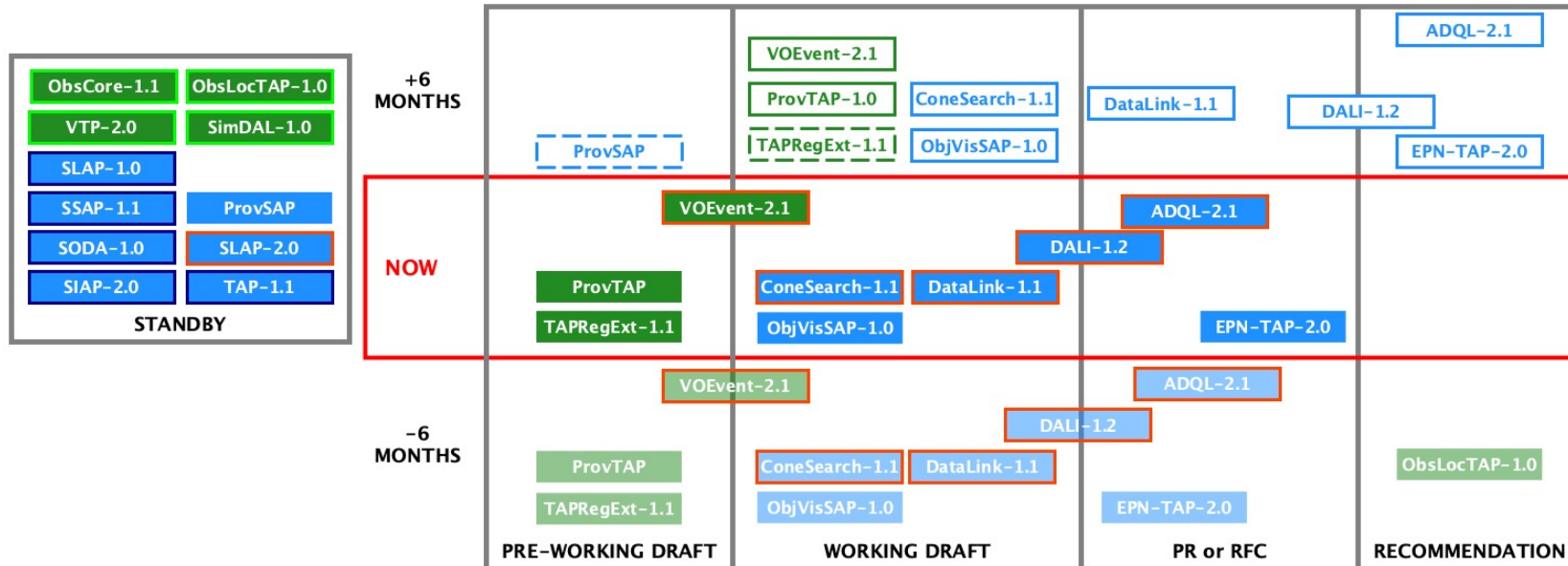
- Errata to match common practice



Standards Progress



- Datalink v1.1 – WD – Nov 2021



DAL Sessions



Schedule Summary						
Session	DateTime UTC	UTC-07:00	UTC-04:00	UTC+02:00	UTC+08:00	UTC+10:00
		<i>Victoria BC/Pasadena</i>	<i>Washington DC</i>	<i>Strasbourg/Paris</i>	<i>Perth/Beijing</i>	<i>Canberra</i>
DAL 1	Apr 26 20:30	Apr 26 13:30	Apr 26 16:30	Apr 26 22:30	Apr 27 04:30	Apr 27 06:30
DAL 2	Apr 28 06:30	Apr 27 23:30	Apr 28 02:30	Apr 28 08:30	Apr 28 14:30	Apr 28 16:30

DAL 1

Speaker	Title
Marco Molinaro and Robert Butora	VLKB VO plans to multi-cutout
François Bonnarel	SIA2/SODA upgrades and Extending SIA2 into a generic DataSetSAP
C. Azria and B. Cecconi	Updated heliophysics services in VESPA: science products, service design and capabilities

DAL 2

Speaker	Title
Margarida Castro Neves	LineTAP, a spectral line relational model that can be retrieved via TAP
François Bonnarel	ProvTAP implementation - ProvHIPS
Stéphane Erard	EPN-TAP progress and status
Markus Demleitner	An ADQL astrometric library

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



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!

