



Data Access Layer Working Group

Opening

James Dempsey & Grégory Mantelet

02 Nov 2021



IVOA Northern Autumn 2021 Interoperability Meeting
2-4 November 2021

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 May '21)



DataLink

- Use cases for linking to content other than data files
- Helping tools present datalink results

ADQL

- Validation

SSA, SIA, ... datasets?

- Time series, radio requirements

Operations, validation, compliance, ...

- Errata to match common practice

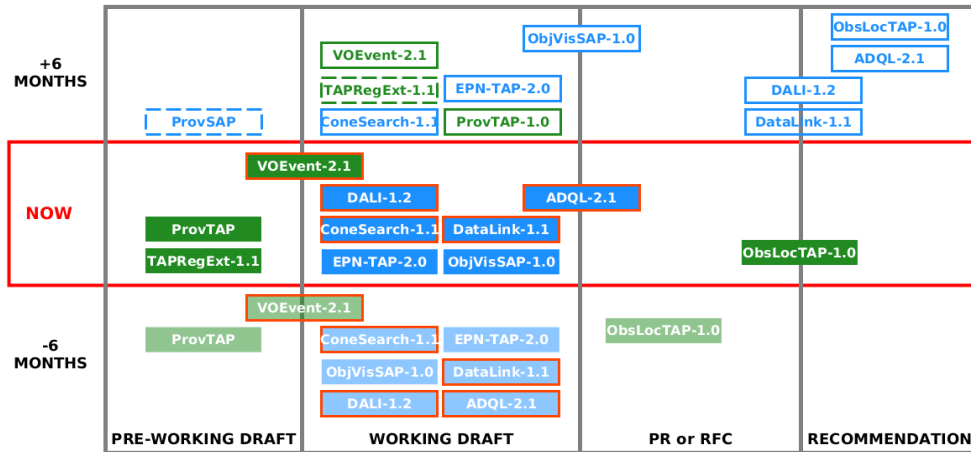


Standards Progress

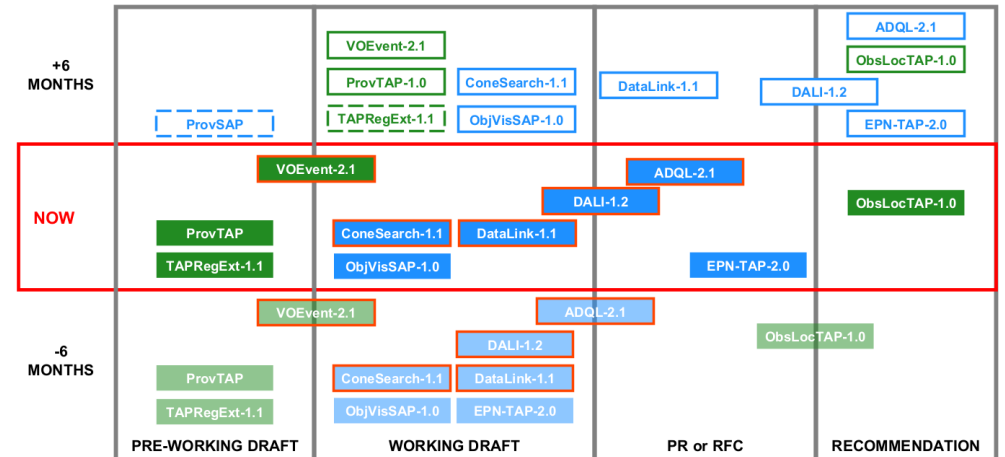


- ObsLocTAP v1.0 – REC – 24 July
- EPN-TAP v2.0 – RFC – 30 Sep
- ADQL v2.1 – PR – 28 May
- DALI v1.2 – PR soon
- Datalink v1.1 – new WD soon

May. '21



Nov '21



DAL Sessions



Session	DateTime UTC	UTC-07:00	UTC-04:00	UTC+01:00	UTC+08:00	UTC+11:00
		<i>Victoria BC/Pasadena</i>	<i>Washington DC</i>	<i>Strasbourg</i>	<i>Perth/Beijing</i>	<i>Canberra</i>
DAL / SSIG	Nov 2 13:30	Nov 2 06:30	Nov 2 09:30	Nov 2 14:30	Nov 2 21:30	Nov 3 00:30
DAL 2	Nov 3 20:30	Nov 3 13:30	Nov 3 16:30	Nov 3 21:30	Nov 4 04:30	Nov 4 07:30

DAL / SSIG

Time: [Tuesday Nov 2 13:30 UTC](#) [session #3]

Speaker	Title
Markus Demleitner	Availability after Caproles
Baptiste Cecconi	EPN-TAP v2.0 RFC
François Bonnarel	ProvTAP

DAL 2

Time: [Wednesday Nov 3 20:30 UTC](#) [session #11]

Speaker	Title
Patrick Dowler	DataLink v1.1 WD
Grégory Mantelet	ADQL Validation
Patrick Dowler	SODA with Object Storage at CADC

<https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpNov2021DAL>



Follow & Connect to DAL



Meeting schedule & details

- <https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpNov2021DAL>

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)
- monthly 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!

