

# Data Access Layer Working Group

Opening

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8th May 2023



# □ 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



# □ Activities (since Nov. 22) - 1

## Errata

- ADQL 2.0 - Err. 4 - NULL as valid value expression
- DALI 1.1 - Err. 1 - Drop resource attribute on continuation
- SIA 2.0 - Err. 1 - POS=RANGE examples inconsistent with spec
- SIA 2.0 - Err. 2 - Possible confusion between FORMAT and RESPONSEFORMAT parameter
- SODA 1.0 - Err. 2 - Wrong VOTable syntax in polarization example

## Running meetings

- #15 - ADQL v2.1 validation - 10<sup>th</sup> March 2023



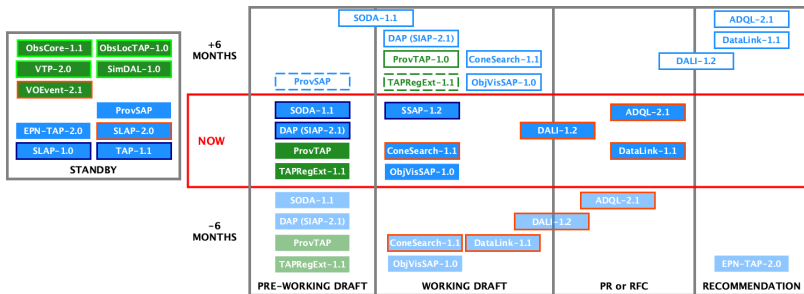
# □ Activities (since Nov. 22) - 2

## RFC

- ADQL v2.1 started 25<sup>th</sup> April 2023
- Datalink v1.1 started 21<sup>st</sup> April 2023



# Standards progress





# 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>Bologna</i>	<i>Perth/Beijing</i>	<i>Canberra</i>
DAL 1	<u>9 May 09:00</u>	9 May 02:00	9 May 05:00	9 May 11:00	9 May 17:00	9 May 19:00
DAL 2	<u>11 May 14:00</u>	11 May 07:00	11 May 10:00	11 May 16:00	11 May 22:00	12 May 00:00

## DAL 1

Speaker	Title
Joshua Fraustro	Python TAP implementation at MAST: Lessons Learned
Patrick Dowler	TAP-next: user-managed persistent tables
Tamara Civera	<u>ADQL</u> vector functions implementation in the Observatorio Astrofisico de Javalambre (OAJ)
Grégory Mantelet	<u>ADQL</u> -next

## DAL 2

Speaker	Title
Petr Skoda	Echelle spectra and the ways toward their VO interoperability
Margarida Castro Neves	<u>LineTAP</u> implementation in SPLAT-VO
Patrick Dowler	<u>DALI</u>
François Bonnarel	SIA2/DAP + <u>SODA</u>
Grégory Mantelet	Simbad's Cone Search implementation
Various	DAL RFC Overview



# □ Follow & Connect to DAL - 1

## Meeting schedule & details

[//wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2023DAL](https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2023DAL)

## Connect to DAL



[dal@ivoa.net](mailto:dal@ivoa.net) (more info)



[//wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL](https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL)



GitHub [//github.com/ivoa-std/{DOCNAME}](https://github.com/ivoa-std/{DOCNAME})



slack Join DAL channel



# □ Follow & Connect to DAL - 2

## Running meetings as needed

[//wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL\\_RunningMeetings](http://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings)

## Contact the DAL coordination

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