



Data Access Layer Working Group

Opening

Marco Molinaro & James Dempsey
25 May 2021



IVOA Northern Spring 2021 Interoperability Meeting
25-28 May 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 Nov. '20)



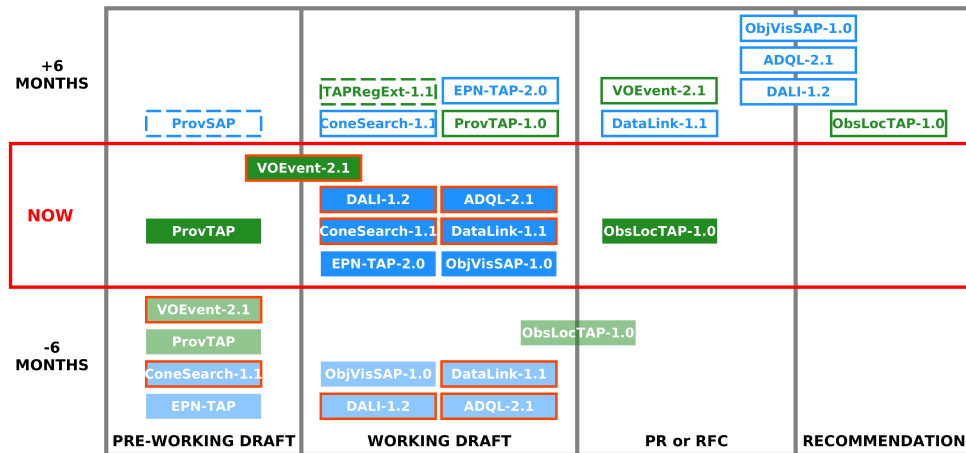
- **DataLink**
 - dataproduct_type/content_type or else
 - templating
- **ADQL**
 - Catalogue of UDFs has been endorsed
- **SSA, SIA, ... datasets?**
 - time series, radio requirements
- **Operations, validation, compliance, ...**
 - back-compatibility...

still looking forward ...

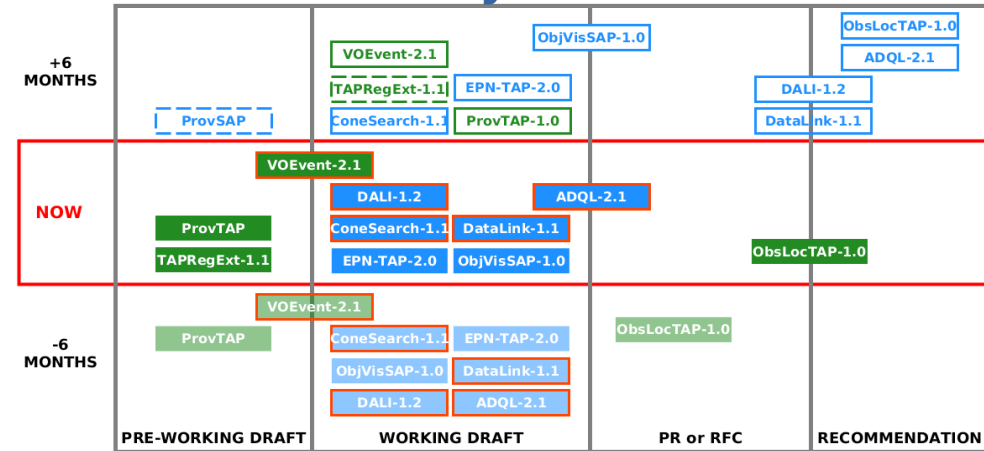


- DALI, ConeSearch
- ObjVisSAP, TAPRegExt
- decisions on SSLDM that impact SLAP...

Nov. '20



May '21



(Interop's schedule) \cap DAL



Time: [Wednesday May 26 20:30 UTC](#)

[#11] DAL

Speaker	Title
Markus Demleitner	Datalink XSLT
Grégory Mantelet	Wrapping up ADQL-2.1
François Bonnarel	TimeSeries discovery and Access DAL possible solutions
François Bonnarel	SIAV2-next and Simple dataset discovery

Time: [Thursday May 27 05:00 UTC](#)

[#13] DAL/Apps

Speaker	Title
Brent Miszalski	Data Central's Data Aggregation Service
Mathieu Servillat	Provenance information management
Volodymyr Savchenko	Workflow interoperability for telescope operations and time domain astronomy
Valentin Lefranc	Astro Colibri

Time: [Thursday May 27 06:30 UTC](#)

[#14] DAL/DM

Speaker	Title
Brent Miszalski	Data Central's Simple Spectral Access Service
Vandana Desai	IVOA Spectral Models and Access in the Era of Big Data
Jesus Salgado	ObsLocTAP status
François Bonnarel	Radio data and interferometry ObsCore extension proposal

Time: [Friday May 28 05:00 UTC](#)

[#19] DAL/Radio

Speaker	Title
Baptiste Cecconi	TFCat - Time-Frequency Catalogue
Hendrik Heint	LoFAR DR1 VO services
Ricardo Rizzo	Radio Astronomy projects in the Spanish VO
Julian Garrido	Study of provenance data for the SKA Science Data processor

Ops!

Ops/DAL 2: Service Compliance: Friday 28 May 2021, 20:30-21:30 UTC (session #23)

Speaker	Title	Materials
Renaud Savalle	VO-Paris Weather Report	
Tamara Civera Lorenzo	OAJ Publishing Registry and VO Services Validation	
Mark Taylor + All	DAL Feedback: specific issues	

<https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2021DAL>

DAL opening – IVOA Northern Spring 2021 Interop – 25 May 2021



Follow & Connect to DAL



- **meeting schedule & details**
 - <https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2021DAL>
- **in general**
 - 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: https://join.slack.com/t/ivoa/shared_invite/zt-r22e0ir4-KMOQXzAMmKzcUXWOjrjSZQ (#dal channel)
 - monthly running meetings: https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings
 - contact the DAL coordination:
 - James → james.dempsey@csiro.au
 - Marco → marco.molinaro@inaf.it

Thanks!