



Data Access Layer Working Group

Closing Plenary

Marco Molinaro & James Dempsey
17 November 2020



**IVOA November 2020 Interoperability Meeting
17-19 November 2020**



Data Access Layer Working Group

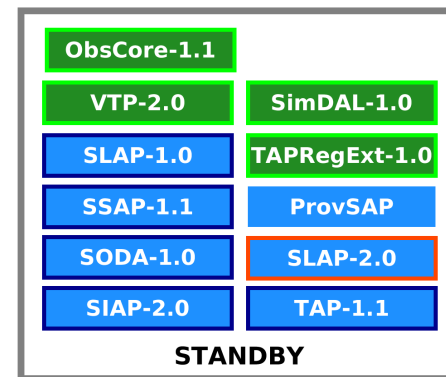
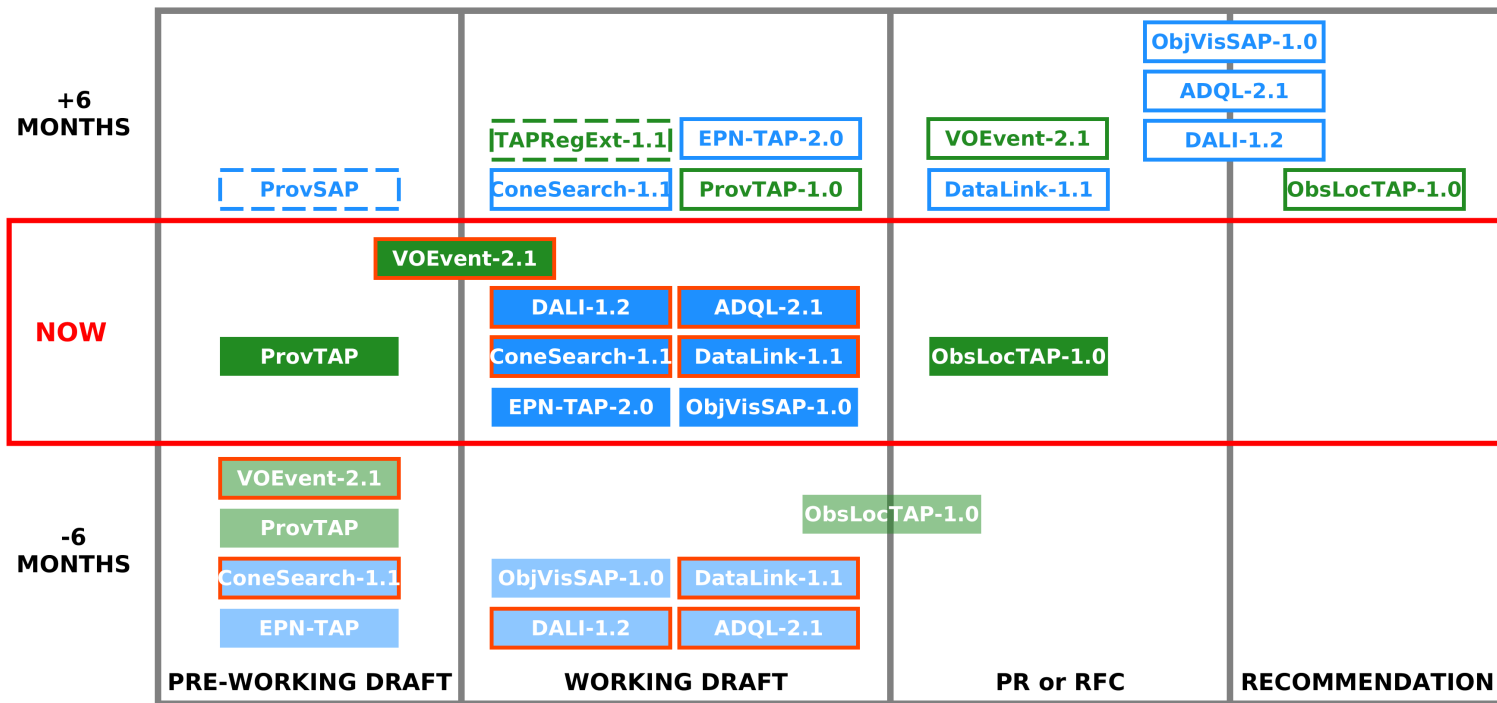
**Or ...
Closing Plenary
Marco Micocci & James D. Husey
17 November 2020**

**how to try to briefly summarise > 4 hours of discussion
... and fail!**



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What happened!?



<https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpNov2020DAL>

DAL ... but not only



- **ObjVisSAP & ObsLocTAP [TD IG, DM]**

- overview, status and mature to progress towards RFC/REC
- Successful community engagement and take up story
 - Tools & guidance provided



- **Vocabularies in the VO 2 & VEPs: proved to work (DataLink) [Sem, DM]**

- Try them on ObsCore dataproduct_type?
 - ObsCore towards an extension mechanism? [DM]

- **Radio community starts stepping on the peDAL [Radio IG]**

- **Ops & DAL: let's try to take advantage of weather reports [Ops IG]**

- Stay tuned for follow ups!

TAP, TAP, TAP, ...



- EPN-TAP: starting outside, progressing inside the IVOA [SS IG]
- ProvTAP: evolution with “full” & “view” profiles [DM]
- LineTAP: spectral lines go relational!
- TAP metadata for FIELD GROUPs and Service Descriptors
 - Enrich query-server response
- TAP authentication [GWS]
 - TOPCAT SSO-2.0+WWW-Authenticate TAP-like challenges
- MOC support in pgSphere → TAP & ADQL [Apps]
- ADQL status

★ TAP
DM driven



- Few issues to go for a new PR and RFC

Revisions, Feedback, Community, ...



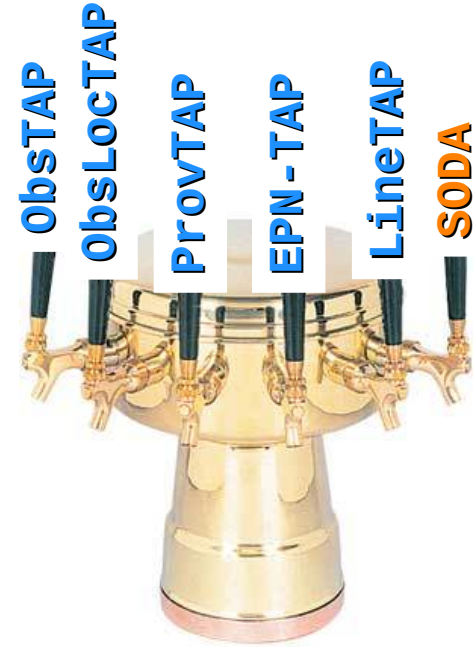
- **DataLink: status, revision, feedback ...**
 - Work done since May, 4 PReqs to go to a new WD
 - Lot has been done, more showing up ...
 - Firefly feedback on service descriptor needs & uses
- **Spectral Model implementation feedback**
 - requirements and questions
 - on the full stack of models and protocols → foreseen revision
- **SIAv2 & SODA feedback**
 - New revisions about to start, GitHub porting on their way
- **Handling file-oriented catalog data [Apps/DAL/DM]**
 - 5 challenges: discovery, metadata service, query capabilities, applying 15y experience, openness to wider community



Follow & Connect to DAL



- For this meeting
 - All starting info for DAL related discussions can be found on
 - <https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpNov2020DAL>
 - Including the etherpad links to collaborate on notes and post questions
- For the Follow Up
 - Subscribe to DAL list: <http://mail.ivoa.net/mailman/listinfo/dal> → dal@ivoa.net
 - Have a look at the DAL wiki: <https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL>
 - Includes links to GitHub to contribute to standards development: <https://github.com/ivoa-std>
 - We have running monthly meetings:
https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings
 - If you use slack: join the #dal channel of the IVOA workspace
 - Contact the DAL chairs
 - Marco → marco.molinaro@inaf.it
 - James → james.dempsey@csiro.au



Be prepared to:
Follow Ups & Running Meetings!