DAL conclusion
Victoria (BC Canada) Interop meeting

June, 1st, 2018

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Session 1 (Tuesday 10:30)

- ADQL 2.1
  - Markus Demleitner focused on what should be checked/fixed before REC (see splinter below for more details)

- SLAP2.0
  - Nicolas Moreau gave revision status
    - DALI compliance and DM update
    - SLAP 2.0 can run as simplified service on TOP of VAMDC-TAP services

- Visibility and Observation Locator protocol
  - Jesus presented 2 new protocols developed to coordinate information to plan for new observations
  - One is a SAP, the other a TAP based solution
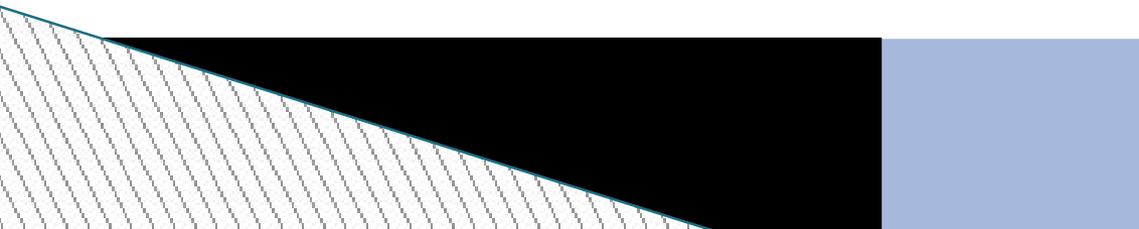
Session 1 (Tuesday 10:30)

- ProvTAP and ProvSAP (ex ProvDAL) status
  - François Bonnarel gave ProvTAP status nearly ready for WD publication
  - Future TAP implementation at CDS on HiPS generation
  - ProvSAP (ex ProvDAL) has 2 implementations. WD is ready

- NED TAP implementation
  - Olga Pevunova gave implementation and feedback status
    - Service is operational. To be registered soon.

- TASMAN : TAP Schema manager
  - Marco Molinaro gave some Feedback on TAP 1.1 related to experience with TASMAN

Session 2 (Thursday 9:00)

- STC implementation issues and errata
    - Alberto Micol reported on a frequent error of implementation of STC POLYGONS which must be CCW
    - Erratum report on STC area formula ($\rightarrow$ DM)

- DALI-next
    - Pat Dowler explained VOTable datatype system
        - New MOC and other REGION xtypes to go to DALI next ?

- DataLink, SODA and SIAV2 feedback update
    - François Bonnarel reported on DataLink recognition outside Obscore context (proposed solutions)
    - Core semantics update. Access inside Packaged datasets
    - SIAV2 needs collections listings + virtual datasets + V1-V2 combination
    - Too few SODA feedback to make some recommendations

Session 2 (Thursday 9:00)

- DataLink feedback from TOPCAT experience
  - Mark Taylor reported his experience in implementing DataLink
  - Proposal for nested RESOURCE to bind « results » and « meta » responses (Service Descriptor) +New features in service descriptor
  - New Link index field proposal for better cross response binding

- Datalink feedback from stellar libraries data providing
  - Carlos Rodrigo reported on 3 different techniques used for DataLink URL recognition and exposition

- Report on DAL protocol for the CTA archive under development
  - ObsTAP service + DataLink towards UWS services and Provenance service. Service descriptor including Provenance Params

Splinter Session (Thursday 17:30)

- TAP 1.1
    - UWSRegExt to a Note, referenced by TAP while waiting from GWS a definitive solution. TAP can go on with the recommendation process.

- ADQL 2.1
    - STC-S REGION (legacy, non normative) to go in Appendix. BOX dropped. CIRCLE based on POINT & SET operators need BNF. DROP CAST. TIMESTAMP keep but alert users. BOOLEAN operators and remaining points to be discussed on mailing list.

- STC-S : CCW POLYGON
    - DAL chair Mail to mailing list + DAL Implementation note
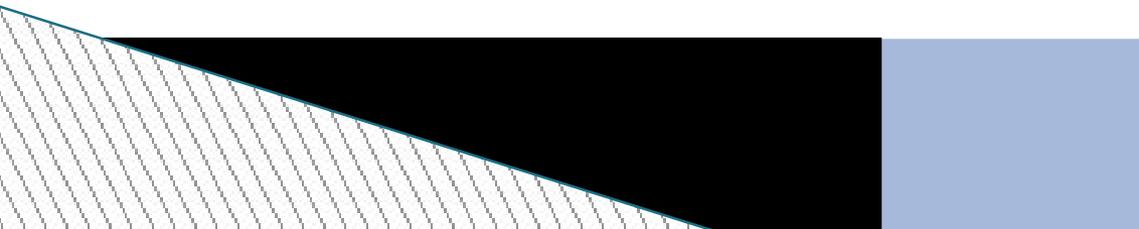
Splinter Session (Thursday 17:30)

- DataLink
    - Discovery: beside SD and « double field url/format » solutions, introduce LINK to recognize/represent DataLink URL fields. Also useful for direct links to datasets
    - SD syntax to be extended/modified. Restful URL
    - Semantics vocabulary extension page settled.
    - Datalink-next page settled. Please come !

- TimeSeries discovery and access protocol
    - Couple of extensions to ObsTAP, SIAV2 and SODA needed. One single document can tackle all this
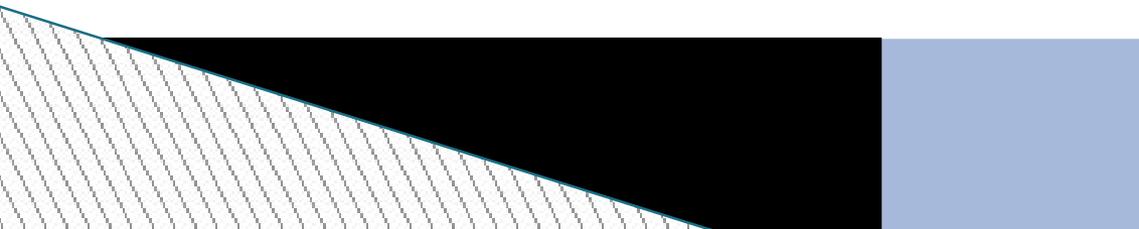
Roadmap 2018A

- TAP 1.1
  - Little extension of RFC (new PR). Will finish soon.

- ADQL 2.1 :
  - Some revision and 1 implementation before going to RFC.

- SLAP 2.0
  - Implementation to be published. More comments needed.

- SCS 1.1
  - New draft and back-compatibility check for fall Interop.

- DALI-next
  - Discussion page settled. Please contribute!!!

Roadmap 2018A

- OLAP, OVAP, ProvTAP, ProvSAP
  - 4 new Working drafts published. Read them and comment !!!

- DataLink :
  - Discussion page. Implementation note. DataLink1.1 spec to be started

- SIAV2.1
  - Make a start

- SODA
  - More implementations needed

- TimeSeries discovery and access protocol
  - Make a start
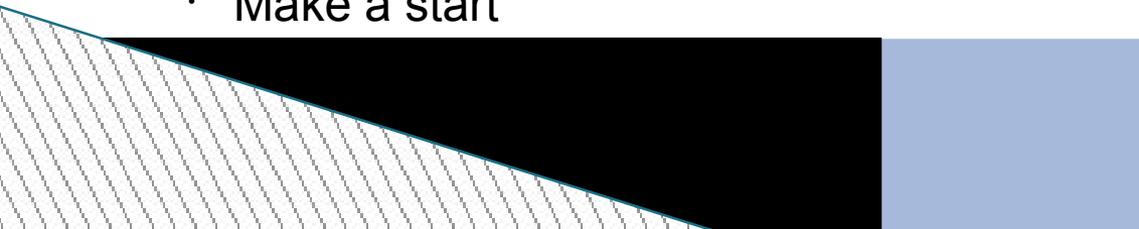
Thanks !

- Thanks everybody in the WG for excellent work spirit during the last 4 years

- Special aknowledgment to Marco for collaboration in co-chairing the WG !

- Great success to successors !