



DAL wrap up and conclusions

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DAL highlights

2 sessions

+ AccessData Splinter

+TAP/ADQL splinter

- Multi D data science priority:
 - DataLink is an IVOA Recommendation since June 17th
 - SIAV2 goes to the Exec in the coming days
 - SODA = AccessData new WD within 2weeks
- TAP1.1, DALI 1.1 and ADQL 2.1 made great progress
- VTP probably ready for RFC
- SimDAL now discussed by DAL

Multi D science priority protocols

- ▶ SIAV2:
 - Last (second) TCG review comments. Last fixes in the spec today → PR goes to Exec
 - Very interesting report from CASDA in DAL1 and NED in DAL2
 - SIAV2 fulfill requirements. Easy implementation at CASDA
 - Implementation note would be a great help (modularity/dependences)
- ▶ Nice XSLT DataLink display in the browser (Markus, DAL 1) → change in mime type suggested

Multi D science priority protocols

- ▶ AccessData (Splinter last Tuesday during ADASS + FB presentation in DAL2)
 - Change name to SODA = Server-side Operations for Data Access
 - Agreement to explain the 3 factor semantics rules in the spec
 - Removal of SELECT and COORD parameters
 - Agreement to put xtypes in DALI
 - Discussion still open on pixel cutout and coordinate metadata
 - New WD within two weeks
 - RFC mid december. Anything too controversy will be pushed to next version

TAP, ADQL and DALI

- ▶ 4 interesting presentations in DAL 1 (Mark Taylor, Pat, Marco + Dave Morris, Walter) + splinter yesterday noon.
- ▶ TAP-1.1
 - add a /plan endpoint as an effort in helping debugging submitted jobs (/async/{job-id}/plan)
 - Agreement to postpone relax mandatory “LANG=ADQL” constraint
 - TAP_SCHEMA (/table) scalability for “huge” services. Will be solved in the VOSI 1.1 context
- ▶ DALI (Pat, DAL1)
 - drop VERSION,
 - make REQUEST optional
 - /examples harmonized with TAP
 - /availability relaxed from protocols /endpoint
- ▶ TAP RegExt (Markus DAL2) basically two xsd modifications
 - tr:TableAccess standard-id relaxation
 - -dataModel/@ivo-id set to anyURI

TAP, ADQL and DALI

▶ ADQL-2.1

- add XMATCH() function, but not yet consensus on the parameters
- BITWISE operations: drop functions/keep only operators
- BNF validation would be nice to make the REC more robust, at least test query cases against the built grammar
- searching volunteers to prepare test data and query set
- Separate positional constraints from other constraints

SimDAL and VTP

- ▶ SimDAL :
 - nice presentation of the protocol by Carlos (DAL 2).
 - Interesting implementation feedbacks. Some changes to be discussed with TIG.
 - Volunteer for second implementation ?
- ▶ VoEvent Transport Protocol:
 - nice presentation by Mike.
 - 2 reference implementations already.
 - Ready for RFC right now ?

Future and Open questions (FB + MM DAL2)

- ▶ Get feedback on protocols implementation and new requirements from large projects
 - Multi D science priority
 - But also Time Series / Time Domain
 - + Spectra again ?
- ▶ Open questions (discussion Wiki pages):
 - Full Metadata and WCS metadata
 - « PQLs » rationales
 - Virtual data discovery
 - DAL/HIPS relationships
 - SCS (Cone Search) upgrade