

DAL Southern spring 2016 : concluding remarks

F.Bonnarel and M.Molinaro

TAP, ADQL and DALI

- Interesting implementations and experiments
 - TAP 1.1 and DALI 1.1 at CADC (Pat)
 - LSST (Brian) gave some TAP feedback based on their implementations
 - JSON versus XML output : lively discussion going on on DAL list
 - DALI Examples endpoints at GAVO (Markus)
 - Dave's Cosmopterix (Docker-based) for ADQL tests against various backends
- Progress for protocols
 - Questions raised by Pat (TAP and DALI) and Dave (ADQL) during session
 - Follow up in a splinter held at my place chaired by Marco.

DALI 1.1

- arraysize for intervals: 2
- VOSI endpoint naming flexibility
- polygon: single winding direction as in STC
- more geometry? ellipses in 1.2, box: no
- !critical! Z in timestamp pushed to TCG
decision: multiple WGs/RECs involved

TAP 1.1

- moving datatype mapping into DALI xtypes specification
- recommend to use default endpoints names for primary interface
- unnamed/duplicate column names should get unique name in query response
- accept delimiter identifiers in UPLOAD

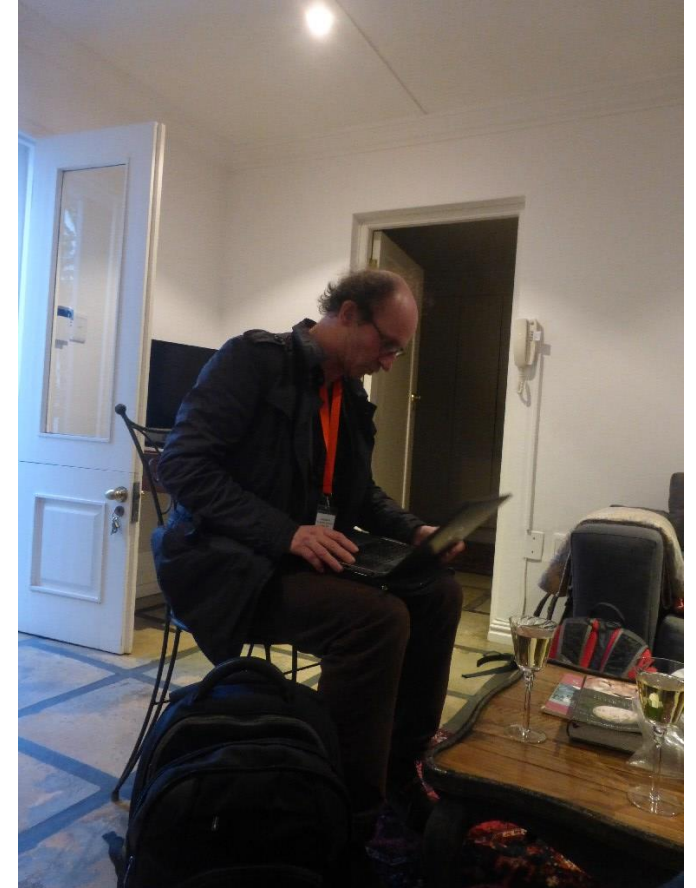
ADQL 2.1

- drawn a line to finalize the 2.1 spec: BOOLEAN, HEX, OFFSET, DISTANCE overload, COORDSYS deprecate (overload 2.0 functions)
- add text to describe recommended syntax for performant cross match in ADQL
- !critical! REGION drop proposed
- identified already some 2.2 features/changes
- unnamed/duplicate column names applies here too

SIIV2, DataLink, SODA

- SIIV2 plans for NED (Bruce)
- CASDA SIIV2 and SODA Implementations (James)
- CASDA SIIV2/SODA python scripts (James)
- GAVO SODA implementation in a Browser (with xslt style sheets / Markus)
- CADC SODA implementation with DataLink for SIIV2/ObsTAP CADC services (Pat)
- CDS SODA/DataLink client prototyping with Aladin (François + Chaitra)

SODA final decisions : thursday evening splinter



Pictures : courtesy of Laurent Michel

SODA final decisions

- Two main « locations » for service descriptor according to clients nature
 - Datadiscovery response or {links} response
- Inclusion of PARAMETERS definition and DOMAINS in Service descriptor is context dependant
 - Included in DataLink context not included in Data Discovery context
 - Parameter Domain metadata and Obscore metadata somewhat consistent
- Spatial parameters : CIRC[LE] and POLY[GON] with double arrays , xtype and « englobing » max have been added to POS which stay there for SIAV2 consistency.

SODA final decisions

- ❖ SODA autodescription has strong use cases but is postponed to next version
- ❖ PIXEL cutouts have strong use cases but postponed to next version
- ❖ Other points (virtual data discovery, additional parameters and functionalities) not really discussed --→ Trieste and for next versions
- ❖ « significant » Editorial effort to be done -→ new PR end of next week

SimDAL and VTP

- SimDAL :
 - Paris (D. Languignon, F. Le Petit) implementation
 - Spanish VO implementation
 - Monday evening splinter on details of document. Consistency with implementation
 - Move to PR rather soon.
- VOEvent transport protocol
 - 4 implementations, PR presentation, session discussion
 - RFC period will start next week.