DAL Closing remarks

Trieste 2016-10-23
F.Bonnarel (CDS/CNRS)
M.Molinaro (INAF – OATs)

Presentations/demonstrations

- OpenCADC: DAL/GWS package developed by CADC for its own servers and databases is open software. (Pat)
- DALI-1.1: Few changes since May: polygon sense (CCW), xtype=region dropped, Z in timestamp allowed for civil times, namespace/prefix for custom xtypes. DALI to go directly PR. (Pat)
- TAP-1.1: mapping table removed (reference ADQL&DALI), /availability & /capabilities to allow anonymous access (but not mandate it), column names relaxed but required delimited identifiers, xtype column in TAP_SCHEMA.columns.
  - new proposals for direct PHASE=RUN and stats in TAP_SCHEMA postponed to TAP-1.2 (Pat)
- ADQL-2.1: distance proposed text in place including advice to order of point arguments, modulo operator reflecting erratum and backend behaviour. BNF is unreliable, should be fixed before it can go to PR. New WD soon, PR in May. (Dave)

Presentations/ demonstrations

- NED has released SIAV2 service for its 450000 images and 22000 cubes database and is developing a TAP service (Olga)
- TOPCAT/ STILTS adaptations to TAP 1.1 (Mark Taylor)
  - TOPCAT GUI / TAP Metadata
  - Adaptation to UWS waits
  - STILTS tapquery new parameters
  - Taplint validation changes
- CDS prototyped Aladin Desktop interface for ObsTAP, TAP (customized and generic query), SIAV2, DataLink and SODA (François)

Discussion

- JSON/VOTABLE discussion (Stelios) joint half session with Apps
  - JSON is natural format for JavaScript, Python libraries. « Simpler » than XML VOTABLE
  - Should we move to JSON as the only format in the future?
  - Should we make it optional?
  - Should we endorse official VOTABLE/JSON serializations
  - Interoperability concerns with both in place
  - Transition phase required if path pursued
  - To be discussed in the context of VOTable evolution driven by Apps

- SLAP/XSAMS convergence discussed (Carlo Maria IVOA/VAMDC)
  - Take into account SLAP users needs is a major starting point
  - Modifications in the SLAP output at least seem reasonable (SLAP 1.1)
  - Discussion about technical solutions for mediation between the two worlds
  - Slap-Next page to be created for further discussion

- DAL future : opening presentation : Dal protocol properties evolution in the era of petabytes/day. Languages evolution.
  - Lively discussion on priorities
    - Time Domain/ tIme Domain / time Domain
    - Implementations feedback / implementation feedback
    - CSP Input
    - Open a DAL-Next discussion page on the WG wiki

ROADMAP

- SODA is in RFC (REC for Christmas ;-))

- DALI 1.1 is in PR now

- TAP 1.1 and TAPRegExt in PR within 2 weeks or so.

- ADQL 2.1 WD by December and possibly PR in May.