

**Data  
Access  
Layer  
Working Group**



**Closing Plenary  
College Park (MA, USA)  
2018-11-10**

**Marco Molinaro / James Dempsey**

# DAL Session 1



- Rick: NED latest news
  - Overview of the changes and data grow in NED
  - Big Data challenges & cloud solutions
- Jesus: ObsLocTAP & ObjVisSAP
  - Report from dedicated workshop
  - Summary of last months activities
- François: HiPStoFITS
  - Reprojection of HiPS tiles on 2D grid of pixel
  - Use case for SIAP-2.x (virtual datasets) & SODA-1.x feature
- Dave: ADQL-2.1
  - Discussion on latest introduced or in progress features
  - REGION issue: tackle TAP §6.1 text
    - started discussion in DAL2 (task force)

# DAL Session 2



- Nicolas (by proxy): SLAP-2.0
  - Report on document progress
    - Dependency on SSLDM-2.0 going VO-DML
- Michèle: ProvSAP prototypes
  - Status of the document
  - Prototypes status report
- Pat: TAP with User Catalogue Service
  - VOSI-tables HTTP-actionable (including indexing)
    - Persistence / Authentication
- François: DataLink-1.1
  - 14 changes proposed
    - Including ReST parameters description
  - Proposal to start a minor revision based on them

# DAL/GWS/ReR Joint Session



- Simon: Access Control in All-Sky VO
  - seamless integration plan for 5 nodes
  - SSO solution on OAuth & OpenID
- Jesus: GAIA TAP+
  - Job privacy/Table persistence/user TAP\_SCHEMA
  - CAS authentication SSO solution
  - Single endpoint for both auth & anon users
- Pat + Mark: TAP-1.1 Authenticated Endpoints
  - server/client implementations and validation of TAP-1.1
  - Two different views on VOSI capabilities solution
  - Service provider versus application development perspectives
  - Discussion in dedicated splinter (see next slide)

# TAP-1.1 Authenticated Endpoints

splinter discussion



- Separate resource standardId(s)
  - ivo://ivoa.net/std/TAP#sync-1.1
  - ivo://ivoa.net/std/TAP#async-1.1
- No need anymore for UWSRegExt
- Move on TAPRegExt accordingly
  - Merging protocol and extension in the future?

# ...and more! (from the splinter)



- mirrorURL in capabilities bundles
  - Use common title attribute value to identify the bundle
    - for now
    - find a solution in the future
  - (bridging) Note on VOSI usage
    - GWS duty
- How to *tweet* a TAP service URL
  - Browsable content for BaseURL
  - /capabilities style rendering
  - /examples endpoint sharing

# DAL Roadmap to Paris



- TAP-1.1
  - New PR reflecting decision
    - Alert community and update RFC accordingly
  - Update reference implementation and validator
  - Go REC and put TAPRegExt in RFC
- SLAP-2.0
  - Release official WD, then wait “VO-DML” SSLDM-2.0
- ObsLocTAP & ObjVisSAP
  - Progress WD
- ADQL-2.1
  - Continue 2<sup>nd</sup> reference implementation
  - Tackle REGION issue
- DataLink-1.1
  - Start revision on (subset?) of identified features
- Services weather report SHOULD warnings: take a decision
- Continue effort on polygon winding interoperability

...all the roads bring to Rome

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- Feedback on everything
- Cross-disseminate WG/IG(s)
- Involve the scientific community

*Use mail/twiki/slack*