

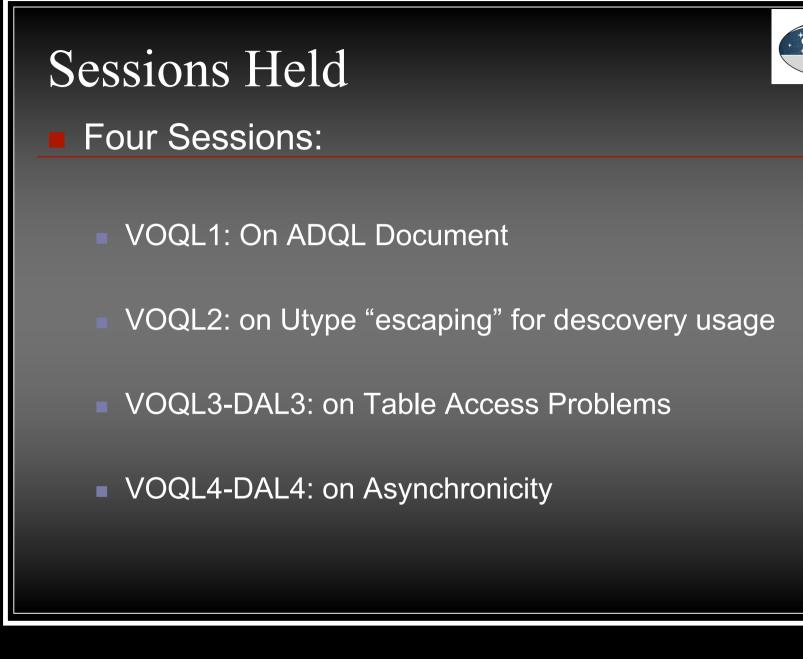


IVOA VOQL

Closing Plenary Session Beijing Interop meeting May 2007

14-18 May 2007 Beijing

IVOA VOQL Group – Pedro Osuna





IVOA VOQL WG – Pedro Osuna



VOQL Technical Experts Group(VOQL-TEG)

- Based on Registry Tiger Team very positive experience
- Contains one member from each of the institutions mostly involved in VOQL issues
- Reduced group of technical experts to work on:
 - VOQL and TAP Specifications
 - Helper tools whenever needed
 - Reference implementations for the specifications
 - Community support



From MOSCOW Meeting



VOQL-TEG Members

Alex Szalay
Francois Ochsenbein
Pat Dowler
Kona Andrews
Yuji Shirasaki
Aurelien Stebe
Coordination: P. Osuna

(NVO) (CDS) (CVO) (Astrogrid) (JVO) (ESA-VO) (**IVOA**)





VOQL-1 On ADQL

- Review of new refurbished doc by I. Ortiz
- Questions to clarify what is the difference between ADQL and SQL92. Mainly, Region is. Quite crucial.
- Server-dependent functionality (e.g.:TOP): should they be there?
- Region:
 - Very nice "virtual" presence: Alex Szalay on Skype video-conf to give his view
 - Two different views of Region:
 - User Defined Function like (A. Szalay)
 - Operator like (P. Dowler)
 - Just preliminary discussions but hope to agree on a way forward for September





VOQL-2 On Utype "escaping"

- Nice open session, with loads of clarifications and inputs
- Only discussed how to "escape" Utypes (or should they be called UFIs now?), I.e.: if a UFI appears in a select statement, how does my sw know that it is a Utype

Side questions:

- Calrification on what the difference is between the Language (ADQL), the protocol (TAP) and the eventual Services making use of both (e.g., a possible CrossMatch service)
- Care of Associations must be taken in the models, and in where they are put and how do we name them
- An ADQL (or SQL-like language) implies (implicitly) some sort of uniqueness in columns. Include in ADQL doc "obvious-like" things like this if necessary
- Include in the Doc verbal explanation on what the ADQL is for, what it is _not_ for, and give some examples





VOQL-DAL On TAP

DAL view presented by Doug Tody

- Server profile operations
- Basic and Asynch query operations
- Metadata access
 - Uniform interface for both data and metadata
 - Specialised operations
- VOQL view presented by A. Stebe
 - Simple and Complete queries
 - Alow for ADQL, UtypeADQL, pure SQL (care!)
 - Asynch queries with UWS
 - Metadata access (with VOSI)



VOQL-DAL on Asynch and Metadata

Session initiated with discussion on parameter=value interface for TAP.

Agreement: not needed.

- Asynch in TAP: presentation from G. Rixon (OBO K. Andrews) on UWS for Asynch in TAP
 - Question on UWS and DAL: they are not incompatible
- Presentation by F. Ochsenbein on Metadata
 - INFORMATION_SCHEMA an option, but probably not the best one
 - VOTAble return operations, with tables that contain table names, and column names, etc. Another option
- Above points, all under discussion within the VOQL-TEG





Roadmap

Build-up of the ADQL draft. Stable document including region for Sep 07
First TAP draft in Sep 07
Maybe some work on a Service (Crossmatch) to be presented in London (is it Cambridge?)

