

# TCG meeting notes

## Pune, October 16, 2001

### 1 Introduction and round table presence

| TCG                              | Chair              | Vice-Chair       |
|----------------------------------|--------------------|------------------|
| TCG                              | Christophe Arviset | Séverin Gaudet   |
| IVOA Chair                       | Paolo Padovani     | Ajit Kembhavi    |
| Working Groups                   | Chair              | Vice-Chair       |
| Applications                     | Mark Taylor        | Enrique Solano   |
| Data Access Layer                | Patrick Dowler     | Mike Fitzpatrick |
| Data Model                       | Jesus Salgado      | Omar Laurino     |
| Grid&Web Sevices                 | Andreas Wicenec    | Andre Schaaff    |
| Registry                         | Gretchen Greene    | Pierre Lesidaner |
| Semantics                        | Sebastien Derriere | Norman Gray      |
| VOEvent                          | Matthew Graham     | Roy Williams     |
| Interest Groups                  | Chair              | Vice-Chair       |
| Data Curation & Preservation     | Alberto Accomazzi  | n/a              |
| Knowledge Discovery in Databases | Giuseppe Longo     | n/a              |
| Theory                           | Herve Wozniak      | Franck Le Petit  |
| IVOA Committees                  | Chair              | Vice-Chair       |
| Standard and Processes           | Francoise Genova   | n/a              |
| Science Priorities               | Dave De Young      | n/a              |

|                |
|----------------|
| <b>Present</b> |
| <b>Absent</b>  |

## 2 Status of Standards in REC process

### 2.1 StandardsRegExt

- **20111016#01:** TCG members are asked to approve StandardsRegExt 1.0 by 21/Oct/2011.

### 2.2 ObsCore DM

- Querying by UTypes will be addressed in the DM UType session. This is not specifically a ObsCore DM issue
- **20111016#02:** Jesus to update the response in the ObsCoreDM RFC wiki page
- **20111016#03:** Pierre to ask Gretchen to approve ObsCoreDM
- Goal: to bring this to the Exec on Wednesday

### 2.3 SSAP/SpectrumDM 1.1

- JS to update RFC page with responses to the comments, deciding which changes will be incorporated into the two 1.1 documents.
- **20111016#04:** Pat to talk to Doug to update the SSAP 1.1 document before Wednesday 19/Oct so it can be brought to the Exec for approval.
- **20111016#05:** Omar to talk to JMD to update the SpectrumDM 1.1 document before Wednesday 19/Oct so it can be brought to the Exec for approval.
- **20111016#06:** Omar to become editor of SpectrumDM 1.2.

### 2.4 Sim DM

- TCG review to start shortly after this InterOP.

### 3 IVOA Validation and Publication tools for Data Centre (Ref. IVOA Action FM38-5)

#### 3.1 Services Publishing Tools

- Discussion:
  - Need more information: contact information, how up to date these tools are, how they are maintained, date of latest version of the tools, which services (and version of service) are provided, how active is the development
  - The audience is the data centers wanting to publish.
  - Do we need two views on the information: the service view and the tool view?
  - Developer corner for exchanging pieces of software or approaches.
  - Collections of software would also be valuable
- Three sections with introduction to explain the sections and the approaches to publication (toolkits, software for developers, etc.)
  - Type of data to be published (EuroVO example):
    - Images, catalogues, spectra
  - Publishing tools:
    - Name, contact, DAL services support, date of current version, short description
    - In future: this may be harvested from the Registry (TBD)
  - Other tools:
    - Name, contact, data of current version, short description
    - Could be a separate page
    - In future: this may be harvested from the Registry (TBD).
- These page(s) should be reviewed regularly by an individual
- Start with the wiki and migrate to new IVOA web structure once released
- **20111016#07:** Christophe to develop a first draft of the wiki page(s) for the Service Publication tools
- **20111016#08:** Omar to create the questions for the first section (type of data) of the Service Publication tools.
- **20111016#09:** Christophe to add a review of the Services Publication tools pages on the TCG meeting agenda.

Questions/  
 1. Type of data to be published (OL)  
 Images → Open Code  
 Catalogues  
 Spectra  
 (OL to give entry at the main Questions)  
 Review "responses" altogether.

0. Introduction  
 \* Purpose  
 \* 3 ways

App Req. Ext?  
 (TBC)

2. Toolkits Table Description  

| Name (link) | Contact Point | OS/DC sens supported | Date of latest version | Short Description |
|-------------|---------------|----------------------|------------------------|-------------------|
|-------------|---------------|----------------------|------------------------|-------------------|

 (toolkit providers)

\* links to i

3. Other Useful Tools  
 VO Publishing/Development  

| Name (link) | Contact Point | Short Description |
|-------------|---------------|-------------------|
|-------------|---------------|-------------------|

 (CA  
 main to Interop)

TCC to review st  
 → trigger upd

ished (OL)

0. Introduction (CA)

\* Purpose  
 \* 3 ways → Toolkits  
 → own code (+ VO useful tools) (developpt)  
 → go to a national Data Centre (deliver to DC, DC to publish in VO)

the main Questions  
 together

Description  
 Date of latest version | Short Description | providers)

\* links to iVOA Architecture  
 iVOA Docs List.

ent  
 mption)  
 p)

TCC to review status every 6 months  
 → trigger updates if necessary

### 3.2 Services Validators

- Discussion:
  - A group needs to define a process and who the actors are.
  - There is a difference between informative emails and removing a service.
  - It is not up to the TCG to adopt this process; it should be brought to the Exec for approval.
  - Having validators available before PR is the key to valid services.
- **20111016#10:** The Registry WG to lead the effort to draft a process for validating the VO resources and bring it to the TCG for discussion and iteration. The finalized process document will then be brought to the Exec for acceptance.

## 4 IVOA identifiers and fragment

- Presentation from NG.
- VOEvent may be the only standard that uses a URI fragment that goes “against the grain” of the underlying RFC 3986 URI specification.
- If the resource will ever be retrieved, then the standard should explicitly note that the fragment processing is client-side.
- **20111016#11:** Norman to write an IVOA Note for best practices for URI.
- **20111016#12:** Working groups to review their standards for compliance with this best practices for URI note and report on this at the next TCG meeting.
- For new standards, the TCG will review that these best practices are followed.

## 5 Representation of null/NaN in VOTable

- Presentation from MT.
- Because VOTable is such an important building block of IVOA standards, the community needs to be consulted on any change.
- **20111016#13:** Mark, as Application WG chair to initiate the first round of discussions on the topic, starting with a presentation and discussion at this Pune InterOp.
- Depending on the magnitude of the feedback, this topic may come back to the TCG to determine further steps in resolving this issue.

## 6 IVOA Technical Assessment and Roadmap 2011

- Add to the year’s highlights on page 4, the submission of IVOA standards to arXiv and ADS.
- Add text on role/actions of the TCG with respect to the new science cases from CSP on page 4.
- Critical path for SED builder science case: PhotDM 1.0, SpectrumDM 1.2 and UTypes 1.0
- UTypes 1.0 must be an identified IVOA priority for the coming year with the goal of reaching Recommendation in step with PhotDM 1.0 and SpectrumDM 1.2.
- Add applicability of UCD board to the Semantics section
- **20111016#14:** WG/IG chairs to provide update for the IVOA Technical Assessment and Roadmap 2011 by October 28, 2011.