Plenary session 1

Data Model WG
Status report

Monday May 17, 2010

IVOA Interop Victoria May 2010, Data Models , Mireille Louys

Observation DM Core Components

- A simple model to support data discovery for all kinds of data (multi-wavelength)

- First preliminary draft issued in January 2010

- Implementations on going at CADC, ESO, XMM SSC Strasbourg

- Feedback on implementation → Lots of discussions

- A working draft currently elaborated

  2 WG involved: DAL & DM

- Discussion and agreements to be met

  DM1: Tuesday 18th May 2010 at 16:00

Datamodels building blocs :
Units Utypes and STC

■ **Utypes for STC**   **DM2/DAL** Wednesday 19th 11:00

Update of the note "Referencing STC in VOTable"
by Markus Demleitner

■ Units

- The data model was published in the last draft May2009
- Expertise gathered from archive and data collection managers
- Man power needed
- Identified as a Cross WG Topic
- Discuss how to focus now on the adoption of a standard

Modeling Photometry

Science uses-cases well described

- Euro-VO discussion in March
- SED building from catalog entries

- Photometry metadata clearly identified
- Discuss the implementation strategy
(TCG meeting + next DM3 session)

- A working draft currently written (ESAC)

DM3
Wed. 19th 16:00

Characterisation Data Model v2.0 Provenance

Char DM 2.0 DM3

- Explicit description of Level 4

  - Coverage Sensitivity maps

  - Variation of resolution along a physical axis

- Simplification of the XML schema

- Utype list to be published as an appendix to the standard document, with shortened strings and updates on the STC usage

Provenance

- First try on the description of instrumental Provenance

- Discussion on 'computational' Provenance : use-case to discuss in coordination with VOSpace designers