IVOA Data Model

Opening @Sao Paulo, 2012

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DM Sessions

- Two (and a half ☺) sessions scheduled for this interop
  - Utypes Discussion
  - On going/Future Data Models
    - Spectral DM 2.0
    - PhotDM 1.0
    - Characterization 2.0
    - SED DM in use
    - Image DM

Utypes session

- Utypes Tiger Team report (on charge of TCG chair) will be done during a plenary session
- DM session on utypes (working session)
- Review of discussions, use cases, technical solutions…
- Omar Laurino will review the current status and use cases
- Markus Demetleiner will describe technical solutions (VO-URP)
- PhotDM specification is being reviewed from the UML+utypes point of view. We will describe the issues discussed (see also VOSpec presentation at Apps session)
- General discussion

Data models on going/future

- Spectral DM 2.0 (Mark Cresitello-Dittmar)
  - Draft distributed to the working group list. It will be presented and discussed

- Bruce Gendre will present Requests from High Energy Astrophysics to Spectrum and SED Data Models

- SED and Char2. Doug Tody and Francois Bonnarel will describe the current status of these specs

- ImageDM Doug and Francois will start the discussion on this possible DM (requested as part of the access interface/data model decoupling project)

Tasks

- Identify comments on PhotDM and decide how to proceed

- SimpleTimeSeries mapping to IVOA DM

- Provenance discussion