

# DM Session (12/09 9h)

- **Euclid GS (Jean Christophe Malapert)**

- Bridge between metadata and processing tasks
- Based on XML schema
- Tried to re-use VO DM components
  - Redundancy issues in VO DMs
  - Request for some simplifications

- **Euclid GS (Teake Nutma)**

- Euclid ground segments (spacecraft + ground based telescopes)
- Very complex models: defines products + relations among components
- DM as XSD used for code generation and meta-data generation
- All models components validated against XSD rules at CI:
  - impressive gain of reliability

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## ● Micado (Hugo Buddelmeijer)

- Micado: Multi-Adaptive Optics Imaging Camera on the ELT
- Extensive use of the VODML workflow
- Use of VO-DML + DSL to formalize model requirements
  - Generate code snippet, data sets templates, databases templates, validation tools
- Some VO-DML improvement proposed (unit, range ...)

## ● Provenance (Mireille Louys)

- Provenance Overview
- RFC status
- Model usage
  - Rules on the partial usage of model
- 9 implementations + some tools
  - Detail of the implemented features

## ● Meas/Coord/Trans (Mark Cresitello Dittmar)

- Overview on Meas/Coord/Transf
- The way models are bound together
- The way Meas/Coord/Transf are connected with other Models
- Response elements to RFC comments and their impacts on the models

# Source DM Session (11/09 13h30)

- **Follow-up of the Paris session**

- Showing that use cases have been taken into account
- TDIG influence

- **ESAC Time Series (Maria Arevalo Sanchez)**

- New use cases: (Euclid/HST/.XMM)
- Access by Datalinks
- Implementation based on the Jiri Nadvornik note
- Interest for sparse cube Models
- Call for for a better contribution with IVOA
- Demonstrate DAL tools

# Source DM Session (11/09 13h30)

## ● Component and Association Based Model for Source Data (CAB-MSD)

- Serializations
  - Work in Strasbourg on different serialization options
    - Gilles Landais: Vizier annotation with extended use of GROUPS
    - F. Bonnarel:
      - CAB-MSD serialization in a TAP\_SCHEMA
      - Comparison with G Landais and L. Michel serialization
- Model présentation
  - Take into account the data provider side and the actual client requirements
  - Model container
    - Implemented quantities and associated data depends on the sue cases.
  - Tested on Vizier table and ZTF data
  - Must be still tested on a limited of relevant use cases.

## ● Call for contributions

# DM WG dream

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