

# IVOA Data Model

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# DM activities during interop

- ImageDM/CubesDM
- SpectralDM
- STC2 with VO-DML support
- Char2 DM
- Provenance
- VO-DML
- DM Mapping discussion

# DM synchronization (I)

- ImageDM/CubesDM & SpectralDM work in parallel, different phases
- The schedule proposed is:
  - SpectralDM 2.0 in RFC. If no major comments, target recommendation for July
  - ImageDM. Target stable version and RFC for next interop
    - Reference implementations!!!
    - STC2 stable enough
  - Possible impact on SpectralDM

# DM synchronization (II)

- Char2DM in the process of update by F. Bonnarel
- Proposal to VO-DLML version so it can be referenced
- STC2 with VO-DML support by A. Rots
- Opportunity to have all these DMs in line and cross-referenced

# DM synchronization (III)

- CTA Provenance (M. Louys on behalf of Claudia Lavalley)
- CTA project is being developed as VO-enabled
- DM close to IVOA ones
- TAP service, ObsCoreDM, DataLink possible adaptation...
- Provenance DM (Florian Rothmaier/Kristin Riebe)
- Looking for a general Provenance DM pattern
- Previous Provenance DM efforts should be reviewed and, if possible, adapted to the new pattern

# VO-DML and DM mapping

- Session on VO-DML and DM mapping
- Consensus on VO-DML objectives but still discussions on DM mapping VO-DML based
- Due to parallel discussions, possible consensus:
  - Add new attribute `dmlType` in `VOTable`?

# VO-DML discussion (afternoon)

- A proposal for a DSL for VO-DML (Paul Harrison)
  - Reference implementation for VO-DML documentation creation (apart from MagicDraw)
- VO-DML specification and Mapping of Complex Data Models (Gerard Lemson)
- Proposal should be evaluated to:
  - Concrete details and possible approaches
  - Evaluate impact
- Next months... quite busy for the DM WG 😊