Data Model Working Group

Laurent Michel, Jesus Salgado -- Bologna - May 2023

DM Working Group Sessions: Tuesday

VODML Tooling *(P. Harrison)*
-   DSL based tools allowing many operation on VODML files.

Obs Proposal DM *(P. Harrison)*
-   Provide a common interface for observation proposal

MIVOT *(L. Michel - F. Bonnarel)*
-   How to work with MIVOT: Tooling status
    -   Working implementation
    -   API design guideline
-   Example of a very complex pattern allowed by MIVOT

Dataset DM, Prov, Characterization and CAOM *(Lead by M.C.D)*
-   A discussion on the Dataset Metadata model, and how we want it to
    fit into the ecosystem with Provenance and any future Observation
    model. Some important decisions were made for the current work,
    with more discussions to be held looking forward (started Thursday)

DM Working Group Sessions: Thursday

PDS4 *(Steve Hugues)*
- Overview of the modeling workflow in the planetary community and the connection with the SSIG

Ongoing Model work *(M. Cresitello Dittmar)*
- Transform
- Dataset DM
- Cube

CTAO *(M. Servillat)*
- Overview of the modeling efforts in the CTA collaboration

Last Step Provenance *(M. Servillat)*
- A flat view of the Provenance DM, easier to implement and serialize

DM for HE data *(M. Servillat)*
- Show that HE people have specific requirements that must be included in the modeling effort
- Discussion must be (will be) followed

- Thanks for having trusted and supported me last 4 years
- Thank you for having kept the VO working despite of the pandemic
- Thanks to all the contributors, whatever their way they contributed
- Thank you to the whole community

No doubt that our successors will achieve a great job; Good luck for them!

See you in