Data Model Working Group

Closing Remarks

Chair: Mark Cresitello-Dittmar
Vice-Chair: Laurent Michel

Summary – TDIG

- TDIG/DM/DAL
  - Generating/documenting use cases
  - Assessing current models
  - Developing requirements for needs
  - Active communication between groups

Summary – TDIG

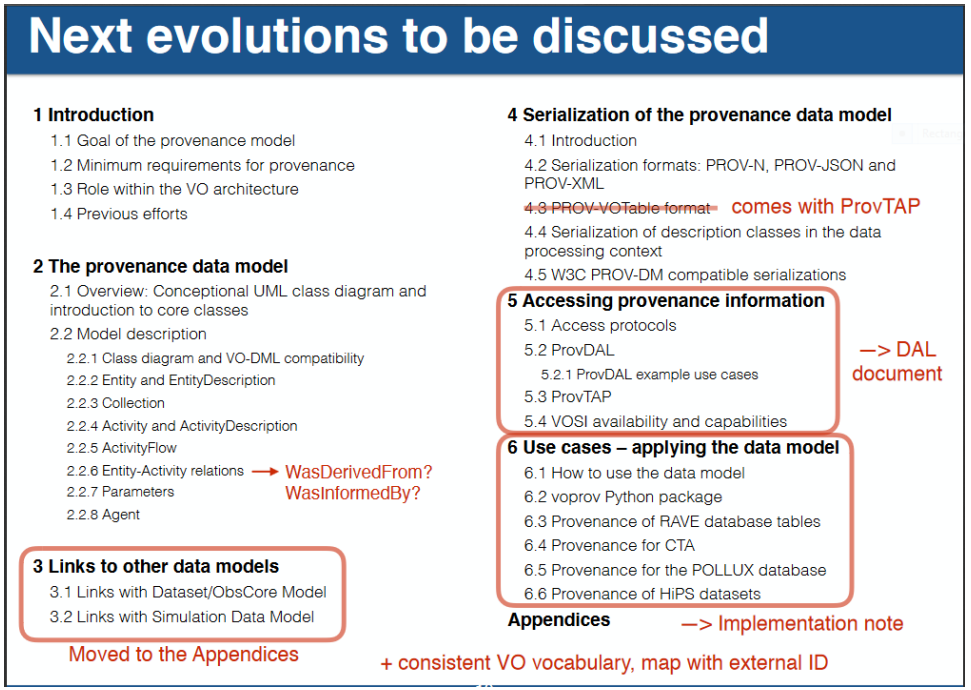
- TDIG/DM/DAL
  - Generating/documenting use cases
  - Assessing current models
  - Developing requirements for needs
  - Active communication between groups

Summary - DM1

- STC 2.0
  - General model(s) stable – looking great
  - Exercising in several threads
  - Working 'shortcuts' for common cases
    - “make simple things simple”
  - Questions
    - Repercussions on STC-S serialization
    - Standard serialization → astroPy
    - Generation of XSD schema (VO-DML?)

Summary - DM1

- Provenance
  - Nice presentations on model state and usage in SVOM ground segment
  - Document maturing
  - Good discussion on WD
  - Goal: PR ready by end of year.



Summary - DM1

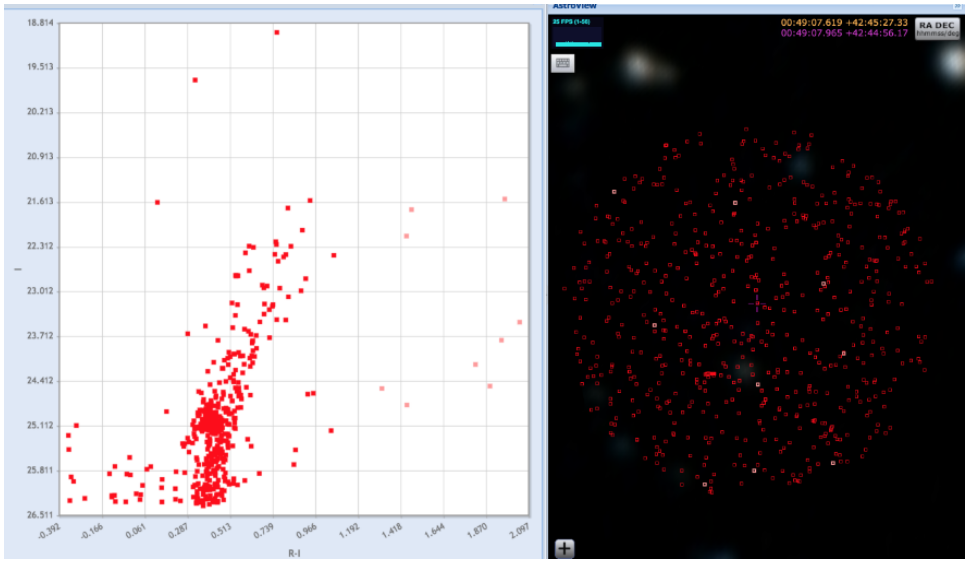
- Usage of DMs by INAF Radio Data Archive
  - Archive model is complex while scientific users are not interested in this complexity
    - Common theme bridging model → users
  - Tar file datasets
  - Conclusions
    - ObsCore satisfies discovery requirements
    - CAOM may preserve inherent data complexity
    - Q: what metadata is needed to bridge the gap from data access to data processing?

Summary - DM1

- Source model
  - Interest in re-opening this project
  - A simple model could be useful for many cases
  - Complexity comes in provenance..
    - How was this parameter computed?
  - Thoughts
    - Current Source work takes much of this into account and is vo-dml compliant
    - With provenance maturing, maybe can revisit
    - Needs to factor in more catalogues

Summary – DM/Apps

- DM/Apps joint session
  - Very nice presentations on current syntax application to various models
  - 'Demo' of simple science thread on annotated source catalogue response
  - No concensus on discussion topics
  - Need to engage WGs more directly to allow informed feedback.



Roadmap - Victoria

- Sorry.. no racetrack yet
- VO-DML: REC
- Provenance: PR by end of year
- STC-2: REC
- DS/Cube: REC
- Mapping: Involve broader community to form concensus on content and usage
- SourceDM: form focus team