

Data model conclusions

Cambridge , September 2007,
26th

Mireille Louys for the DM WG

DM Status	Draft	Public RFC	TCG RFC	Exec RFC	Adopted	Procols/ Implementations
DM name						
Atomic and Molecular Lines	0.6 Under revision					SLAP
Characterisation	-	-	-	V1.12	Yes	HorizonGalmer
Simulation Model	yes					SNAP
Source	yes					
Spectrum	-	-	-	V1.02	Yes	SSA Timeseries
STC	-	-	-	V 1.31	Yes	VOEvents, JFU footprints service

Check the roots

- Utypes

- A discussion in extra session
- Jcm document /
- Use cases to be described and gathered on the (ivoa Wiki) DM_Utype page

Jonathan McDowell

- Units

- Pointers to reference documents uploaded a DM WG page
- Anita showed an overview of uses–cases and usages in DM1

should we poll the community?

Deputies of different astronomical domains are welcome to take part.

Check/ build operating tools

- We have several models interacting now
 - Revisions and updates loops needed
 - Propose a way to achieve automatic derivation from UML to XML

- Revisit UML style
 - Characterisation
 - STC ?

Other Implementations

- Horizon GalMer implementation of characterisation for N-body simulation as a part of SNAP DM (Igor, Laurent Bourgès)
 - Prototyping and interaction between groups
- ISO archive

Good exercise to show how a model is worked out in various context

Road Map

- **Expected for next May Interop**
- **UTYPEs / UFI** : a note for role definitions and syntax proposal with examples
- **Spectrum, Characterisation** :
 - Utype revision according to syntax
 - Example serialisations using UFIs
 - Provide support for Implementations
- **Observation and Provenance Model**
 - Volunteers are very welcome
 - Sketch out structure and relationships with existings models Characterisation , STC