

Data Model WG

Mireille Louys

WP Name	Goal	Domain	WP Lead	Wish list for this meeting
Specifications	<i>DM session 2</i>			
Spectral Lines Data Models	Emission/ absorption lines in all wavelength-calibrated spectral data	Spectral Observation Atomic and Molecular physics	P.Osuna /ESAC ML.Dubernet / Obs Paris	Simple Spectral Line DM almost ready Common core model to define for both specifications
Provenance Characterisation extension	- Define metadata for advanced signal interpretation. - Describe complex observations	Variability, sensitivity (visibility data , polarimetry)	F. Bonnarel / CDS	Poll for precise use-cases. Discuss the model structure.
Photometry	Define a model for photometry calibration	Observations	J. McDowell / CFA	Use-cases discussion off line
SimulationDB	Model metadata for numerical simulations	Theoretical data	G. Lemson / MPE	Presentation and validation
Management	<i>DM session 3</i>	<i>Friday</i>		
From UML to serialisation	define an automated process to produce DM products from UML: XML schema, documentations , data base bindings, utypes	Rationalise and improve methods	gl, ml	Sketch out and discuss the process
Dissemination	Improve models uptake Simplify?	Tutorials , on line documentation, examples	?	Find manpower
Utypes syntax <i>joined DM/ VOTable/VOQL Today</i>	Examine and define roles for Utypes	Shorten Characterisation Utypes , define re-using rules for embedded models	MI, jcm	Select and adopt one syntax
Utypes for STC	STC re-use for tabular data	Observations	jcm, fo, ml,?	Expose and decide