

Victoria Interop

Data Models: Plenary-2

Jonathan McDowell

May 2006

DM Roadmap

- Spectrum
 - WD1.0 by July 2006
 - PR1.0 by Moscow Interop – late 2006
- Characterization
 - WD1.0 before Moscow
 - PR1.0 complete by end 2006
- STC -
 - Begin PR by July 2006
 - Approved by Aug 2006
- Atomic Line
 - WD 1.0 by Aug 2006; PR at Moscow?

DM Roadmap 2007

- SED and Spectral Data Associations -
 - PR1.0 by May 2007
- Source Catalog
 - Sometime 2007?
- AtomicQuantity and Accuracy – PR1.0 by end 2006?
- Catalog Container – PR1.0 by early 07?
- Dataset component metadata
 - PR 1.0 by May 2007
- Provenance - Dec 2007? (not clear)

DM Roadmap 2008

- Begin “V1.1” revisions
- Dataset model

Data Models Next Steps

- User guides and software to encourage adoption
- Reuse small component models
 - Characterization/Coverage
 - Curation
 - Accuracy
 - DataID, Target
- Issue as separate docs?
 - for discussion

Spectrum

- Middle way between 'approve as is' and 'Use STC and Char'
- Action JCM to make new version of document with locally defined STC and Char (not a separate STC Lite schema)
- No other issues raised
- Spectral Data Associations presented as a way to group spectra together (e.g. echelle, time-resolved spectra); may use same mechanisms as SED model.
- DT presented proposed alternative (more NED-like) model for aggregating Spectrum instances into SEDs. DM group will evaluate
- Neither of the above issues impact Spectrum 1.0

Characterization

- Some issues still on reuse of STC in Char
- Discussion of minimum compliance: provide location and bounds, level 2 compliance also provide support.

Atomic Line Model

- Minor updates needed (version, accuracy, documentation link, assignment of satellite lines, some symmetry labels)
- Move intensity to Environment object?
- Better explanations in some cases
- Standardize molecule names
- Review by observational community
- No major changes suggested by WG