

# Victoria Interop

Data Models: Plenary-2

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# DM Roadmap to Moscow

- Spectrum
  - WD1.0 by July2006
  - PR1.0 by Moscow Interop – late 2006
- Characterization
  - WD1.0 by Sep 2006 (some issues to resolve)
  - PR1.0 by Moscow 2006?
- STC -
  - Resolve final CDS concerns, assign utypes
  - Begin PR by July 2006
  - Approved by Aug 2006
- Atomic Line
  - WD 1.0 by Aug 2006; PR at Moscow?

# DM Roadmap 2006-7

- AtomicQuantity and Accuracy – PR1.0 by end 2006?
- Catalog Container – PR1.0 by early 07?
- Document describing utypes and use of data models in VOTABLE

# DM Roadmap 2007

- SED and Spectral Data Associations -
  - PR1.0 by May 2007
- Source Catalog
  - Sometime early 2007
- Dataset component metadata
  - PR 1.0 by mid-2007
- Provenance - Dec 2007? (not clear)

# DM Roadmap 2008

- Begin “V1.1” revisions
- IVOA Dataset metadata (Observation) model
  - component metadata
  - characterization
  - provenance
  - data?

# 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 and STC

- Some issues still on reuse of STC in Char
- Some discussion on order of serialization and document structure for Char
- Discussion of minimum compliance: provide location and bounds, level 2 compliance also provide support.
- STC: Action on JCM to provide “utype” view of STC
- Arnold will provide XLINK library of standard observatory locations and frames
- Some minor updates planned; rotated box region?
- No significant changes needed for STC: move to WD and PR



# 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