Spectrum Data Model

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CfA
Short term Spectral DM

• Prepared cleaned up version of DM document (V0.95)
• Still need to assign some FITS keywords
• Current model implemented at SAO as Java library – converts between FITS, VOTABLE and XML representations, simple SED plotting applet
• Name changes SED -> Spectrum needed
SED Segments
Proposed Changes

• Doug proposes a number of possible changes:
  – Add support for WCS (we had required explicit listing of coordinates)
  – Improve match with current Characterization and STC models
  – Separate SED and Segment models, keep Segment as top level spectral model
  – Should there be a difference between spectrum and time series models?

• Other changes: suggestions on FITS serialization