Current status on ObsTAP

- Describes a data model and its implementation in TAP as an IVOA compliant service
- Last Working draft, version 1.0 issued this week 07 december

available at

http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/ObsDMCoreComponents

Data discovery use cases, data model description, TAP tables description and first implementation trials.

- Use-cases and updates, produced by A. Micol, B. Rino
- Points discussed during last 6 month with very little feedback
  - Data product type
  - Calibration level applied to example metadata
  - List of output formats
  - List of observables with their proper UCD

Comments

- Thanks to Doug for feedback
- A new title for less ambiguity

"Core components for the Observation data model and its implementation in TAP protocol"

- Editorial changes

Data model summary table

  Can we change the names of mandatory fields ?

  Ok for optional ones because not yet implemented?

Use-cases

  Enough description?

  How many are supported now ? → implementation review

Calibration level

Should we put links to real data sets?

Data product type	data collection	Calibration Level	Comments
spectrum	XMM-Newton Epic Spectra	1	
Image	IRAS /NASA	2	science ready data
Image	IRIS/IRSA	3	recalibrated from infrared IRAS images
Visibility	Merlin	3	recombination wrt di axes
Image	HDFS/ACS GOODS	3	data mosaicing /stacking
EventList	Rosat/HEASARC	1	

Guide lines for the data provider the observable axis list

- Flux mainly observed but also

Surface brightness, antenna temperature , etc…

- Possible names , ucd, units and comment for various identified cases

ListForObservable25Oct2010.pdf