Plenary conclusions

Data Model WG

Friday Oct 31

Datamodels building blocs : Utypes

- Various uses of Utypes presented
- Syntax proposed

obs: observation.characterisation ; cha:characterisationAxis.Coverage.location ;
   stc:Position2D.Value2D.C1

Namespaces and embedded context models

Many interesting questions and comments
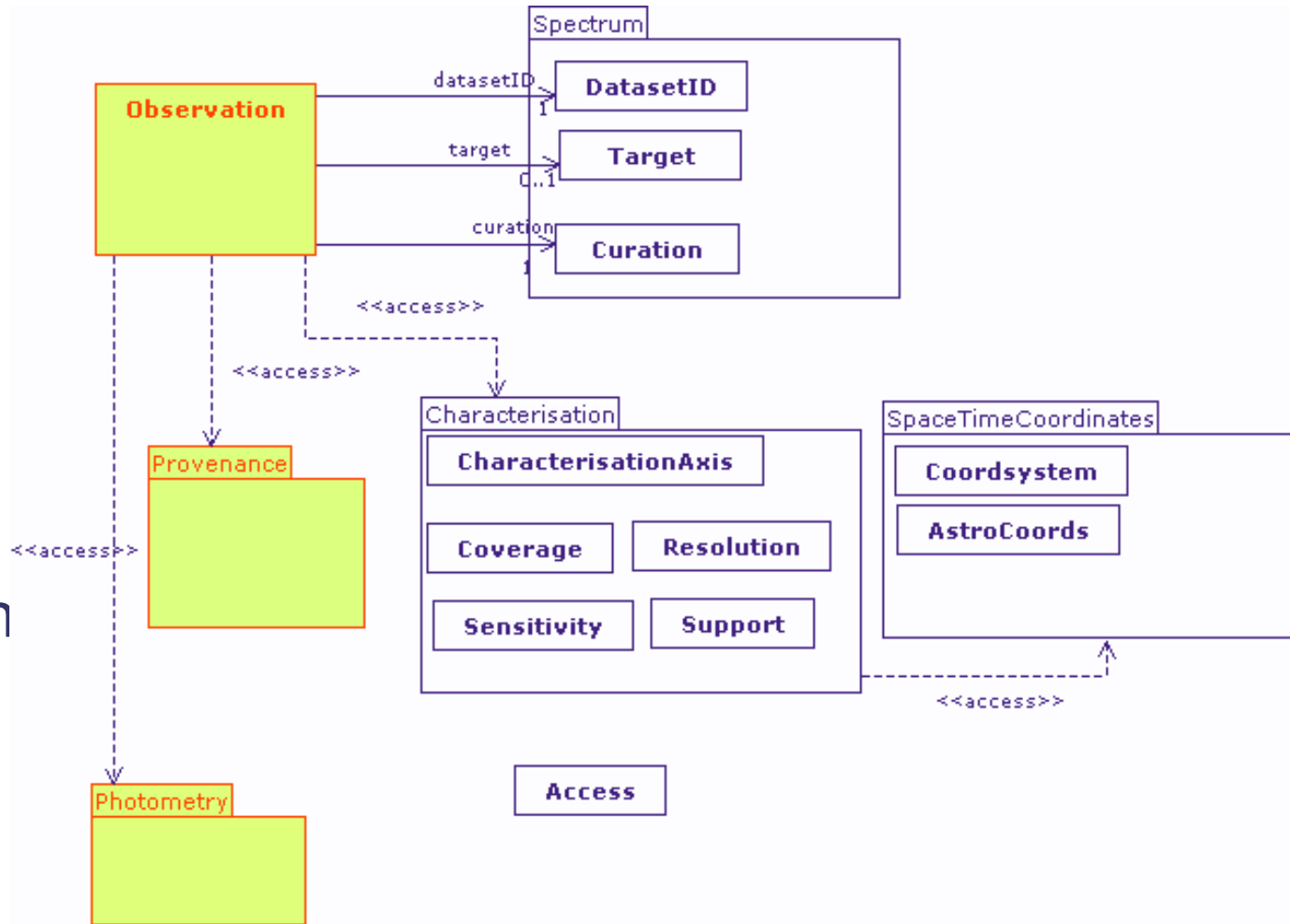
Explore Utype queries with namespace parsing

→ VOQL WG

- A draft for an IVOA note to be circulated
- Follow-up on the list   dm@ivao.net

Datamodels building blocs : Units

- Summary of discussions in the WG are available at:
  http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/UnitsDes

- A (very) Simple Data model presented
  - Reusable in other DMs
  - Clarifies Units definitions and manipulations

- IVOA note currently elaborated   → 31 Dec 2008

- Follow-up on the list   dm@ivao.net

Observation DM

- Adopted a strategy

  Generalisation and re-use of existing models

- Prototyping:

  Provide an Observation object container for NVO Footprint service.

  →effective interaction

New blocs : Photometry and Provenance

Photometry

- A simple and independant model
- Transmission curve
- ZeroPoint

Provenance

- Overview of the instrumental chain
- Ambiant conditions
- Links to ancestors products and interpretation metadata
    - → provide required information for data analysis

Characterisation extension

- Polarisation Axis prototyped
- Radio data to consider

- Link to photometry → level 4

- Explore the cahracterisation for complex observations

- Prototype examples

Road map

- Utypes definition and syntax   Note   late Dec 08
- Units   Note   late Dec 08
- Observation DM   .   WD 0.1   May 09
  Including Provenance
- Photometry DM   WD   May 09

- Atomic and Molecular Line DM WD 0.7   May 09 ?