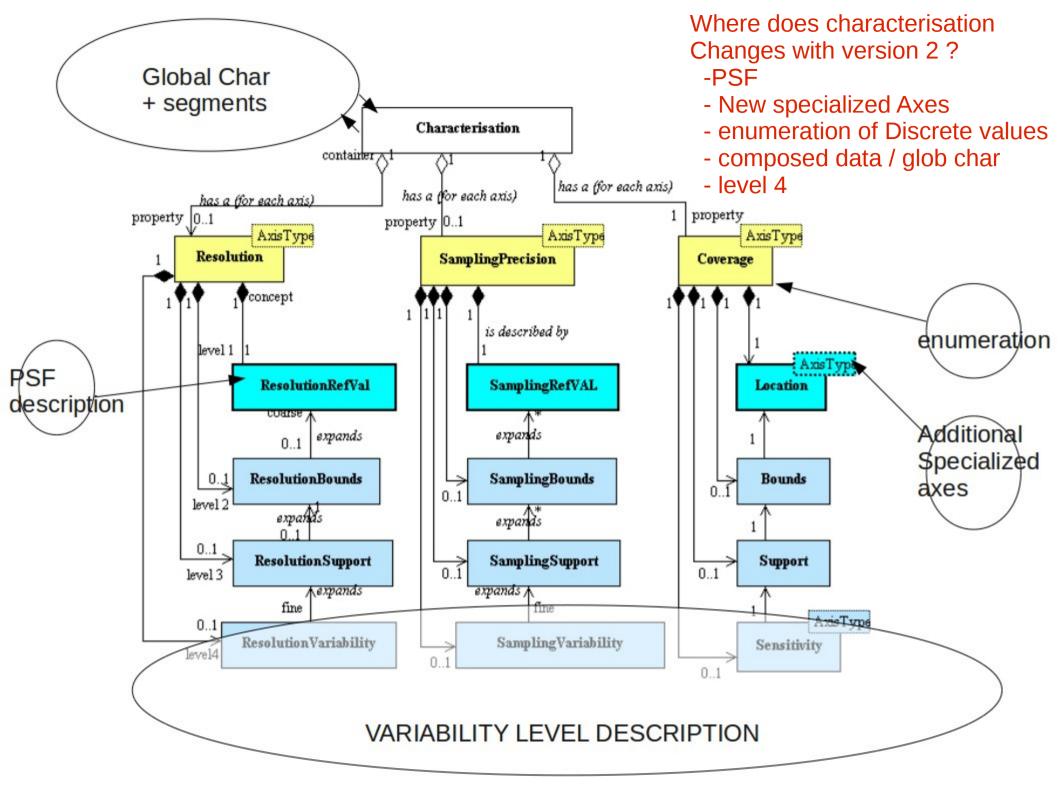
### Characterisation Version 2.0 F Bonnarel, I.Chilingarian, M.Louys + others?

### Characterisation version 2.0

- Content : fixing missing features (data providers feedback)
  - New specialized axes, fixed utypes
  - Composed data sets
  - Level 4 (= variation maps)
- After years: Internal draft ready.
  - Released,
  - Going soon to Working draft
  - New authors
- Today, usage: ObsTap and « BestFit » WebService



#### New axes

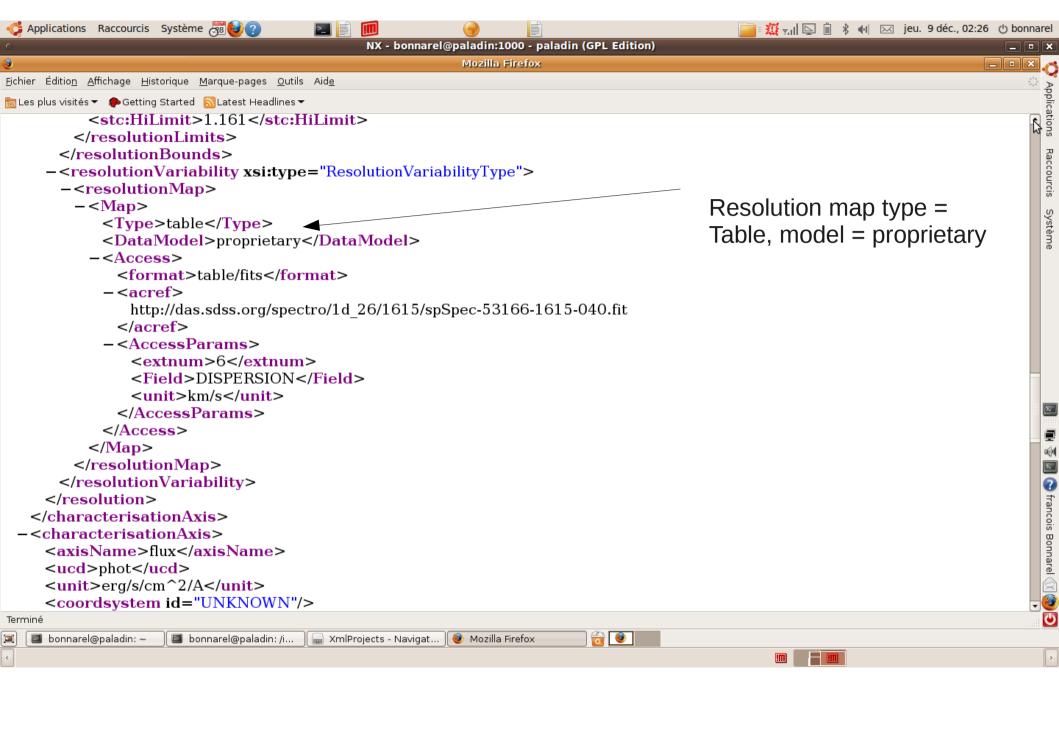
- Polarization axis
  - Enumeration
  - Used in Obstap
- RedShiftAxis (or Radial Velocity Axis)
  - Refval, Bounds, Support made of STC Redshift coordinate and STC RedShift Interval
  - Used in next version of Obstap
- Observable Axis / Flux Axis
  - Ucd: what quantity is observed

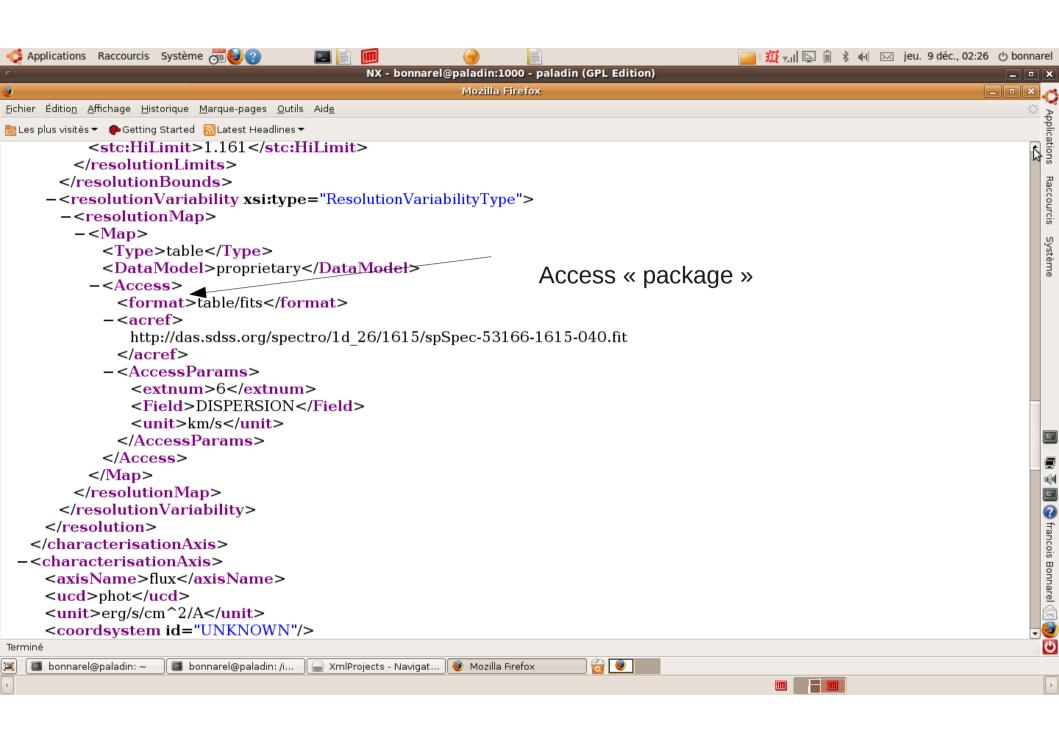
## Composed dataset

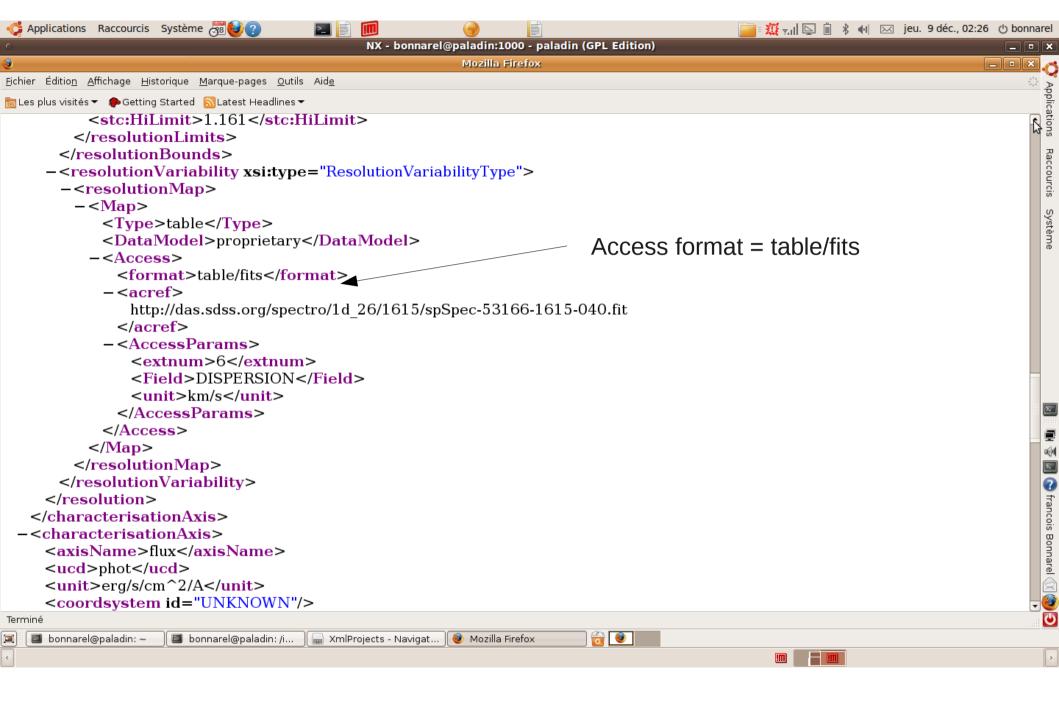
- DataSet made of blocks with specific characterisation (= segments)
  - Global characterisation
  - Segment characterisation
- Usage: CCD mosaics, multi wavelengths, or polarized datasets (spectra, images)
- Within Obstap: global characterisation only...
  DataLink?

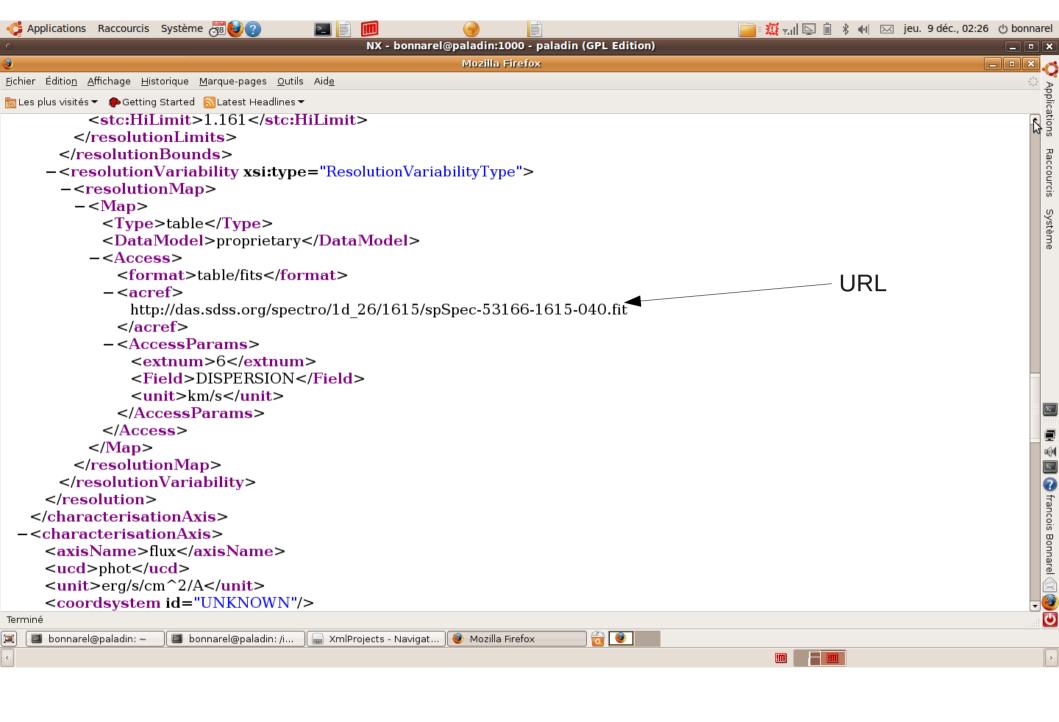
# full spectrum fitting algorithm

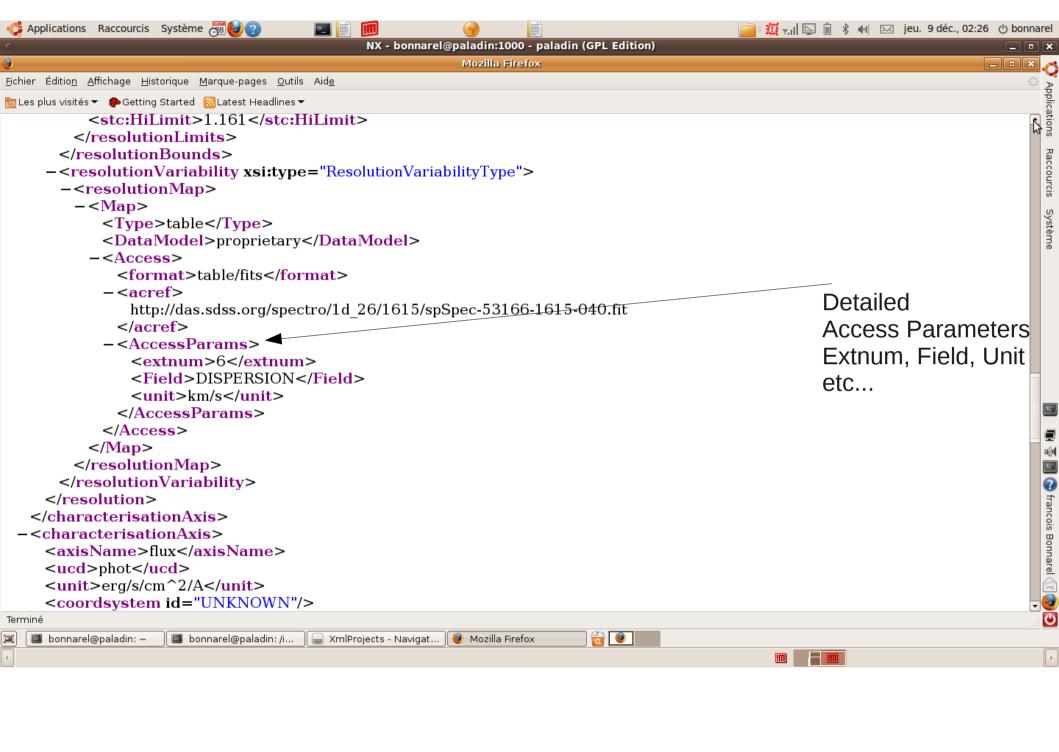
- Presentation and demo by Igor
  - Web interface
  - UWS service
  - with usage of SDSS data
  - SSA and Char2 services
  - Resolution Variations maps retrieved using information conveyed by Char2

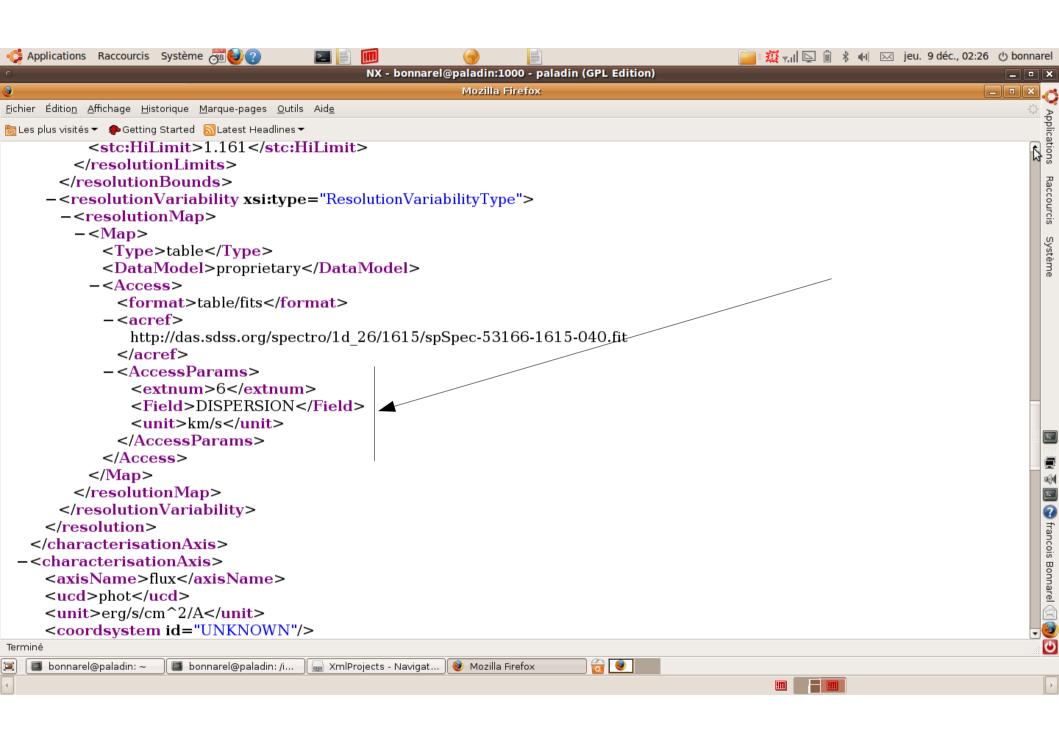












## Questions

- Should we separate the Acces package (with AccessParams) from Characterisation 2.0?
- Could it be reused by Provenance and DataLink?
- Can we use another format ? (proposal by Norman Gray....)