

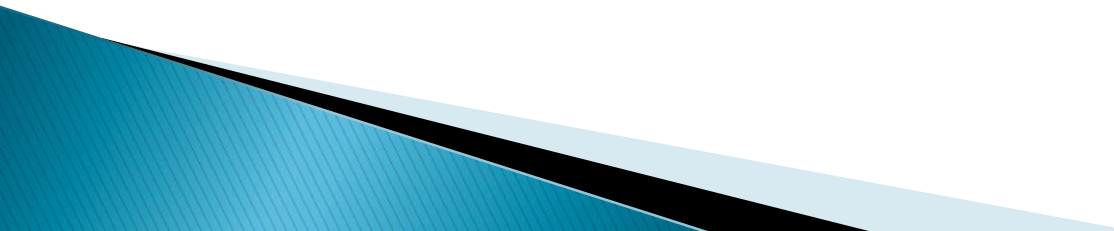


# DAL future

F.Bonnarel and Marco Molinaro



# TAP and ADQL

- ▶ Remove the mandatory ADQL constraint on LANG in TAP ?
  - ▶ Separate geometry from other constraints (based on sky tessaliation) in ADQL
  - ▶ Integrate X-match function ?
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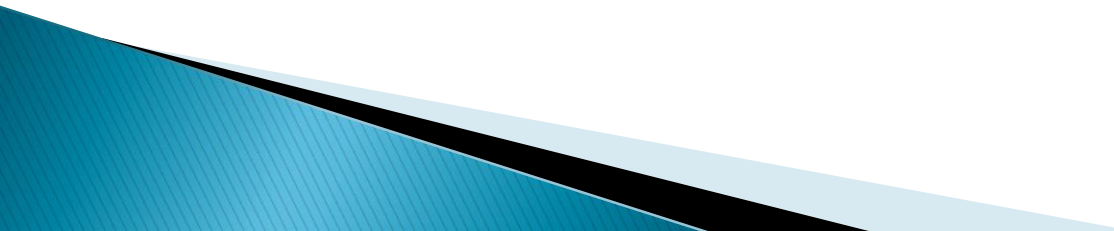
# Accessing the metadata

- ▶ SIAV2.1 getMetadata
- ▶ Consistency with CubeDM/ObsDatasetDM
- ▶ FITS header
- ▶ WCS
  - Additional fields
  - Other tables in ivoa TAP service (beside Obscore)
- ▶ Set a Page with use cases (asked in Sesto)
- ▶ And a second page with ideas and prototypes

# VO-DML in DAL responses

- ▶ When is that required : for Dataset serialization (spectra, TimeSeries)
- ▶ Utypes sufficient for DataDiscovery ?

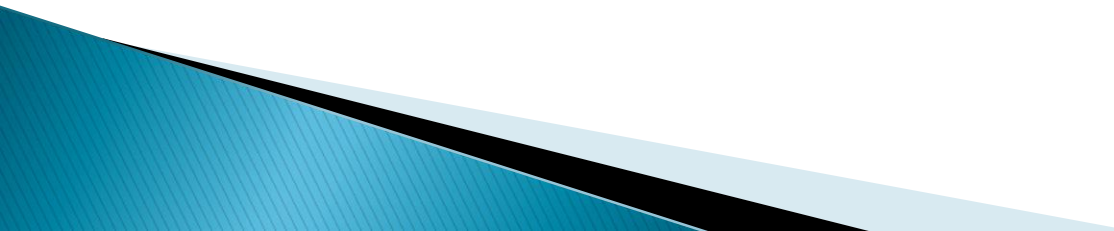
# Spectra and TimeDomain

- ▶ What are the requirements for TimeSeries Discovery.
  - ▶ Is the basic SSA/SIA2 mode sufficient (no period, no description of variation mode, etc...)
  - ▶ Should we modify SSA according to Spectral 2 DM ? For other reasons ?
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# Query Language

- ▶ Parameter query language is controversy
- ▶ What are the requirements ?
  - Homogeneity with responses in VOTABLE → no parsing, only numbers
  - Readability, → parsing
- ▶ Set a page for discussing this
- ▶ Start a new PQL draft ?

# AccessData Server side processing

- ▶ What has to be standardized ?
  - ▶ Resampling / regridding ?
  - ▶ Denoising / deconvolution
  - ▶ Recalibration ?
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# DAL protocols / HIPS relationship and integration

- ▶ HIPS tends to break the boundary between Apps, DAL protocols and registry
- ▶ It will become a standard
- ▶ HIPS is discovery and visualization at the same time.
  - HIPS cells contains Ids of original datasets → Could provide dataLINKs and SIAV2/SSA responses as well as direct retrieval
  - Hips to get original data
- ▶ DataLink from original Datasets to their HIPS version
- ▶ AccessData could drive HIPS generation