

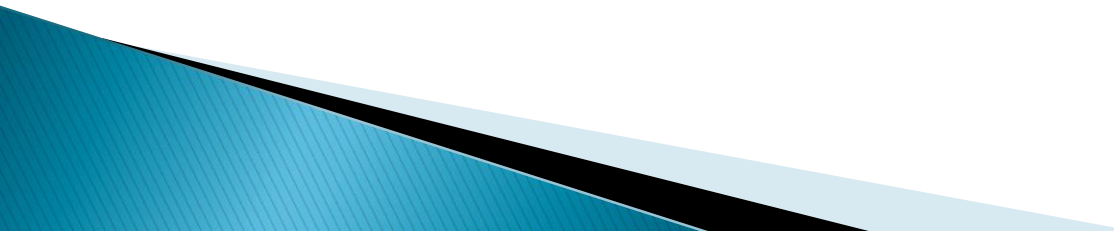


# AccessData status

F.Bonnarel on behalf of the spec authors (M.D, P.D,  
D.T)



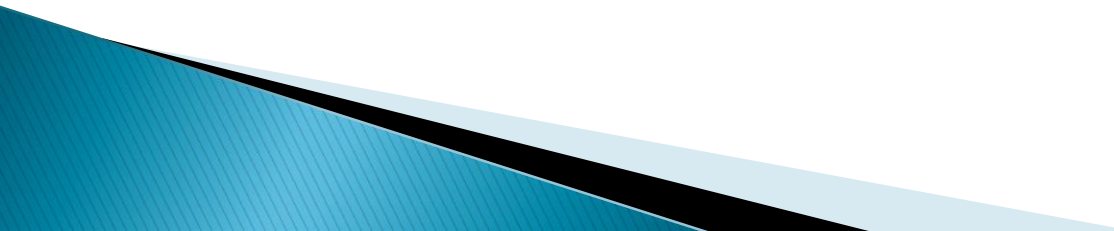
# What is it all about ?

- ▶ Basic required fonctionnality is cutout (spatial, time) or filtering (polarization, spectral)
  - ▶ Can be extended towards additional « server side » operations on data in future versions (resampling, additional formats....). Which one is a question.
  - ▶ AccessData is currently bound mainly to Disciovery services (ObstAp, siav2) via DataLink mechanism.
  - ▶ Is independant anyway.
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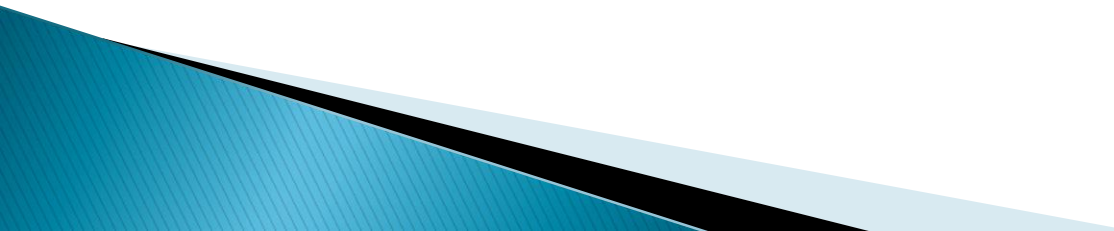
# Main issue was the language

- ▶ Like in SIAV2
- ▶ POS CIRCLE *ra dec radius* (or RANGE or POLYGON) --→ on a best match basis
- ▶ BAND *min max* (or « *-Inf max* » or « *min +inf* »)
- ▶ TIME *min max* (or « *-Inf max* » or « *min +inf* »)
- ▶ POL *polstate*
- ▶ BAND and TIME have three factor semantics (name, unit ucd) in descriptors + have xtypes

# Some other questions addressed

- ▶ About the name
    - Server side data processing
    - Server Side operation on Data (SODA)
    - Keep AccessData (access to the content of the data)
  - ▶ Remove SELECT and COORD (was there for SimDAL)
  - ▶ Xtypes (interval, circle, range, etc...) defined in DALI
  - ▶ Change BAND name, Add Pixel cutout, coordinate metadata
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# Future versions

- ▶ Resampling, regridding
  - ▶ Other formats
  - ▶ Recalibration ?
  - ▶ .....
  - ▶ --→ Should be only about presentation of the data in my opinion.
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# Roadmap

- ▶ Three internal drafts available on the DAL wiki pages
  - ▶ New Working draft available for discussion in the group within two weeks
  - ▶ Implementations to be modified according to the new decisions to become reference implementation
  - ▶ Keep it (very) simple for this version and we can go to RFC in December.
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