VO for diverse interests

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Data Quality

• let’s think about the telescope pointing accuracy: one do need, while another does not need.

• I guess that VO having only reduced (calibrated, time-integrated) data is not enough for everyone

• “Once observed, never re-observe the same source in same line, ...,” then we need to reduce “raw data” in some way

• Not all telescopes are “survey telescopes” e.g. ALMA
“raw data” in VO?

• How about downloading raw data and reduction software→ is this too classical?
• Pipeline by user-specified script, or reduce interactively through graphical operation
• will need local efforts for each telescope
• What do we need?
  – R & D ASAP
  – share information to minimize local efforts in development
  – or ...
Other concerns

• Data Quality: How to treat?
  – rms noise levels may vary across map and along frequency axis

• VO treatment of full 3 or 4 dimensional data ($\alpha$, $\delta$, $v_{\text{LSR}}$, and polarization in radio)