ASTRON

Netherlands Institute for Radio Astronomy

The VO at ASTRON

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vo.astron.nl

- Dachs instance
- January:
  - updated to most recent dachs version
  - Registered in catalog
  - (lots of thanks to Markus Demleitner and Michael Sipior)
- Current data and short-term plan is to add processed data sets
  - Images (including things like cone search)
  - Source tables

Current data content

- WSRT: SAURON HI survey

- Mirror of the TGSS
- LOFAR
  - LoTSS- DR 1
  - MSSS (though not all public)

- Still some data resides on other services
  - Most notably wow.astron.nl which will need to be decomissioned asap because of general instability

Planned additions

- Apertif data release 1
- LoTSS – DR2
  - Both of those will need to use datalinks for the data

- Still quite some old WSRT data that could be more accessible
  - WENSS, WISH, HALOGAS, …
  - Standard problem here is human resources. This needs to be mapped to project funding.

- Triggers from Apertif using VOEvent

Visibilities (with JIVE)

- We all know the issues with visibilities so I won't go into detail
- Currently, this is not a very high priority of ASTRON (NOT speaking for JIVE here!), but it would be very useful to have
- First visibilities should be Findable, then we need the TAP table to return useful data as result for users to assess
- Some ideas on parameters we could use
  - Next step here is to make a table with those parameters and let radio astronomers look for data to see how intuitive the parameters are