



Improving GBT Usability

Toney Minter



Observing Interfaces

- Current tools
 - astrid/config tool
 - Quick look: astrid display (GFM) and gbtidl
- Potential Improvements
 - astrid/config tool replacement needed?
 - Script building tool?
 - New quick look tools needed?



Data Processing

- Current tools/packages
 - gbtidl
 - Pipeline for KFPA observations
 - 3rd party imaging packages
 - 3rd party packages for pulsar data
- Potential Improvements
 - Pipeline for some common observing modes
 - Update/replacement needed for gbtidl?
 - Continuum data reduction package
 - Observatory supported pulsar data reduction?
 - Data reduction packages for new front ends?



Data Archive

- Current NRAO Archive Tool
 - Interface not designed for single dish data
 - Not all data available
- Potential GBO specific Archive
 - Search tool designed for single dish data
 - Access to more data
 - All spectral line science data (2003 to present)
 - All VEGAS pulsar mode data
 - Repatriate community pulsar data
 - Include project data products, images, etc.



Requested Improvements

- All requests must be weighed against required project work





GREEN BANK OBSERVATORY

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