



ParselTongue

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ParseITongue - appetizer

ParseITongue

- is a Python interface to classic AIPS and Orbit
- has been written by Mark Kettenis
- can be used in an interactive session or via a script
- can directly access the visibilities

Since it is python you have most of the tools available to play around with the data by using

- matplotlib (pylab) plotting library [<http://matplotlib.sourceforge.net/>]
- numpy array library [e.g. statistics] [<http://numpy.scipy.org/>]
- scipy scientific library [e.g. FFT] [<http://www.scipy.org/>]

ParselTongue - part I

- Get familiar running an AIPS 'TASK'
- Get header information of the data files
- Display table entries
- Plot visibilities of the UV - data file
- Modify or add header entries and change visibilities (this is against the AIPS convention!)

- Using AIPSLite - Python interface to ParselTongue that does not require an AIPS installation; written by Stephen Bourke [<http://www.jive.nl/~bourke/aipslite/>]

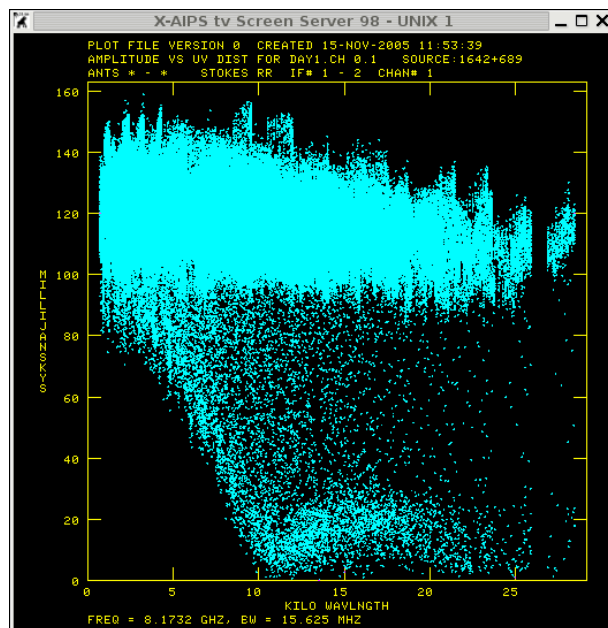
ParselTongue - part II

Setting up a calibration pipeline

- Using VLA continuum observation at 8 GHz
- Following the calibration guideline in

[http://www-astro.physics.ox.ac.uk/~hrk/AIPS_TUTORIAL/HRK_AIPS_1.html]

raw uv- data



final image

