

CASA progress meeting, 16-11-2017, 11.00

present Mark, Des, Ilse, Arpad

Mark: bug that was reported at RINGS telecon yesterday has been identified, and fixed, several months ago. Somewhere in bowels of CASA some memory is not initialised. This patch was not thought to be urgent at the time and thus has not made it into the CASA release yet. Maybe a bit more urgent now. No other showstoppers for CASA VLBI workshop next week.

Des: removing the difference of applying weights between CASA and AIPS, instead of both to real and imag, only to sum of squares.

all: Discussion of next steps. Decision is to get a stable branch out, freeze the current version after the workshop. Some fixes needed, like test case. Once we have a complete frozen version we can hand it over to NRAO, start review process (which is somewhat unclear). Aim for end of November, early December. FF will be a hidden task in 5.3.

After this, more changes to current version will be needed, but RINGS work will start as well, first tackle discontinuous frequency bands. Wait for Python version of dispersive delay from the UK. Deliverable 7.6 speaks of implementation in CASA Core, this would involve a re-factoring of the code, which would really be annoying. Astron is interested in this, to be able to use it for LOFAR. However, LOFAR fringe fitting worked fine in CASA during the workshop, except that data sets can be a bit too large. Anyway, if they want it, they will have to do it themselves.