

WURM, 22-5-2018, 11.30

present Mark, Paul, Des, Wybren, Aard, Harro, Arpad
Ilse arrived just before the end of the meeting

Mark: his part of Mk4 conversion is done, needs some integration with Aards bit. SNR in fourfit seems to scale linearly with the amplitude, need to know what normalisation to use. Michael came back from observing, had question, fixed issue with weather data. Has to modify fitsidi documentation. Need to talk about fringe fitting further development, meeting this week.

Paul: conditional pass CDR. Polish up documentation before the 15th of June, done the 18th? Fila10G now works at Wb, unfortunately 0.1 fringe amplitude. Lost Ef during e, Surfnet maintenance, not clear what went wrong. Tomorrow work with Rob Smets to install WR stuff here and in Wb.

eBob: Sched, looking at DBBC

Des: new user, VLA data, convergence still slow, also with improved code that is not in official version yet. Need place to get data sets for testing, like in this case. Wybren made a solution, does not seem a real issue (?) Arpad asks is it is possible to do it in Aips as well, MS, Harro: use tconvert? Some problems with bookkeeping of JUC control software, thread section, need fix. Try to feed his vex parser a SKED file.

Wybren: ansible now talks to zabbix, but cannot deal with templates. Investigate. Messed around with network buffers with Aard, no success. Flexbuff10 all of a sudden showed packet loss, but cannot reproduce. Received disk for archive machine, whom to warn? dr. Bob and Henk. Once power off, will take all disks out and write down serial numbers, so that the archive machine does not need to be turned off in the future for this kind of fix.

Aard: Rachael tried Jupyter CASA on a Mac, did not work, now fixed. Also problem with singularity. SFXC to mk4 works pretty much. Need comparison in detail with difx. What difx does to SNR is Incomprehensible. Will continue this week with Wybren looking at packet loss. Mark suggests possible burstiness, 40G to 10G?

Harro: was at NAC. Gets emails from Ed regarding Chinese matters, Jintao is busy installing a FS. Michael though he had a problem with plotting flagged and unflagged data, but in the end it worked anyway.

JUC test: IP addressed ok, no crash or freezing of UB. No fringes. At the end dip in weight plot, will check, after all, hw to hw, should be network? Weight display does not keep up at full resolution, which is annoying. Benito had problem today, three quarters of an hour of data missing after tconvert. Needs investigating. Arpad: talk this week about email to Meerkat people. J2ms2 re-write should be done this week, now internal labelling is ok. Hopefully will not need weird dr. Bob scripts anymore to stop meta-data leakage.

Ilse: was at NAC, gave talk about JIVE, went well. Needs to finish JJ deliverable which she thought was due next year, oops. Send in abstract to EVN symp, about CASA work. Prepare CASA workshop, waiting for release of 5.3. Des and Mark think she can use the pre-release, which is the same only with bug fixes.