

WURM, 26-8-2019, 15.00

present Mark, Paul, eBob, Des, Aard, Arpad

Mark: verifying sub-integrations. Practically same results as averaging short integrations, conclusion is that it works. Some fine tuning needed, integer number of FFTs per sub-integration. Had a telecon with George, Casa 5.6 is out, 6 not yet, 5.7 in February. New VLBI support scientist at VLBA joined telecon. Working on requirements document. Fixed parser, went from 4 minutes to about 1 sec per scan. This week, continue requirements and sub-integration work.

Paul: updated graphs. Graphs of all flexbuffs available, right labels. FB14 has been installed, needs to be in DNS. Replaced Trantor disk. Next time also replace root disk, which is complaining. Astron has been connected to Surfnet 8. 100G equipment will be sent on the 29th, also includes fibres for Mark6.

eBob: worked on db queries, time between scans. From 2 minutes to seconds. Need to fix problem with test db. Then start working on VEX2 again.

Des: could not get fringes to display on IAU 100 page, because of new system. Will prepare something that works on his computer, hand it over. Did some improvements on a quer (bookkeeping of fragments) which also sped up time lost between scans. Working on vex2json. Not yet quite done. Working on next version of fringe fitting in C++, including dispersive. Huib and Sofia have a problem with the test version of CASA that they are using. Less SN than in Aips. Much less in fact. Ongoing.

Aard: looked at expt that had fringes in eMerlin and EVN, but not together. Has not been able to find anything. Ok again, so forget it. Found that orthoclean tool in MPI is not working at all, found out of that because of operators messing around with cables and failing to tell this. Maybe move MPI back to 3-series. Made a tool for top-level OVEX file, does not work quite yet, probably something with capitals. Sigh..