WURM, 12-2-2018

present Wybren, Ilse, Paul, Des, eBob, Aard, Mark, Harro, Arpad

Wybren: put a manual for flexbuff configuration on wiki. Managed to close off the docker/jupyter ip tables. 10T disk broken, Martin will try to have it replaced. Should have a spare though, will order one. Look with Aard at tempo. Looking automatising switch setup with Ansible, use of netconf for configuration of switch.

Ilse: looking at an EVN data set with AIPS and CASA, compare SNR. Finishing brochure this week. Data issues review of EHT tomorrow.

Paul: nearly everything ready for move from 3*1 to 1*3G from Jb, only Geant. This Wednesday Surfnet will put new connectors on fibres at Wb. Patch cables are in place. 2 new flexbuffs on the way, need to order Mark6. No news of Mellanox. Talk for SKA lunch has been moved. Talked to Roelof about the connection Astron-JIVE, will put in a patch panel, easier than having to crawl under the floor every time something needs changing. SKA deadlines....

Des: implemented all the Nijmegen wishes in FF, wait for complaints. Made fixes to JUC control code, Benito has actually done a correlation over the weekend which just worked. Now looking at merging e version with recorded version.

eBob: made a controlevlbi in Python, operators have not complained. Working on building SCHED, let f2py do everything, takes a bit long. Made a test for SFXC to investigate the rainy weights. Has run for several days.

Aard: is probably triggered by a race condition, which occurs when you are more than one scan ahead. Not very clear what is going wrong, lots of print statements in code, it blocks, and gets unblocked. Harro suggests to use many small scans, maybe easier to trigger behaviour. More or less done with paper by Jue Ping. Another summer student will come and work on RM. Finally, make CASA/Jupyter server open to public, however need to test a few more things with Wybren.

Mark: fixed a bug in Tsys extraction script. Made it possible to glue 2 syscal tables together when merging two data sets. This is in Casacore. Needed for EHT. Now looking at the virtual merge in casacore that Ger pointed him at. Talked with support scientists about re-referencing, did not help to clarify things. Still working on src info in output headers.

Harro: talked to Ed, next FS version will use different net protocol, no more replacement of data so that scancheck will give a correct answer. Working on Kat7 data report, needed to convince Meerkat to give us a few minutes of data during next NME. Worked on the simulator needed for JUC inhouse testing. New version of jplot with (un)flagged data. Still need to solve averaging, implement weight thresholding at the same time.