

ZWURM, 25-05-2020 14:00 (WURM through Zoom because of #COVID19 house quarantine/wk12)

Present eBob, Mark, Paul, Ilse, Des, Aard, Harro

Des: Investigated what is necessary to get DOIs for our archive entries, next step is to be done by not Des. A search for EVN project codes yielded < 100 results (one found to be so old it was not in our database). This automated digging is not the appropriate way to proceed. Submission of the dispersive delay fringe fit code to CASA finalized (signing off by scientist, editing XML, verify clean build), pull request almost pending. Will continue work on wide band fringe fit this week.

Mark: CASA requirements and prioritization work, incorporating JIVE feedback. Sent to NRAO. Found some bugs in the gaincurve code. Raised casacore issue about ASTRON UVFITS being written for LOFAR and why this is probably not a good idea. Hope that someone at ASTRON will respond.

Paul: Working on network migration of Ir, Jb and Hh to new 100 Gbps, "het werkt niet". Onsala iperf test at 4 Gbps (no LOFAR today) runs at 10 Mbps. Cumulus switch may be in distress; will reboot later today so expect n/w downtime. Found that some VLANs were used by Cumulus internally, overlap with VLANs from stations. Received UPS track&trace for the LT08 drive. This Thursday SURFnet will visit and connect the 2nd 100 Gbps and take home the old, Ciena (SURFnet7) equipment, except if the migration of e-VLBI stations does not work.

Ilse: Worked on user data validation w/ pipeline; the Jupyter notebook still gives credible results. Obvious that INTENT support is essential for automated processing. Next step: finding out about dealing with non-phase ref data with BenitoM. Because GinaM is out, asked if outreach workshop can be done by Giuseppe, Ilse. Logistically: yes, content wise probably not; not at all sure if goals for JIVE can be met w/o GinaM. Will discuss w/ ASTRON/ outreach.

eBob: Implemented version history in pySCHED README and on pypi package: at startup pySCHED informs about new(er) versions being available. Merged BobC's changed setini's into catalogs. Hope to finally work on recording/start correlating timing in runjob this week.

Aard: SFXC dump state/debug code committed, script to pull logs based on ranks file. MikeS made more disk space available on eee-dev, now working again. Fact that eee-dev is privileged container seems to imply disk space issues inside container affect outside host. [using snap shot file system for container?]. Jupyterlab gui to pull data from EVN archive progressing, albeit GUIs in javascript have a learning curve.