ZWURM, 09-03-2020 14:15 (WURM through Zoom because of #COVID19 house quarantaine/wk2)

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

Harro: Due to #COVID19 measures by ASTRON we'll be forced to work from home. Keys to the building will be deauthorised for almost everyone. On Thursday there will be an opportunity to pick up equipment from your workplace home, to be able to work comfortably from home. Hardware investments (WiFi router, external keyboard, etc) can be reimbursed by JIVE.

Des: continued work on Huib c.s.' article database. Pushing CASA tickets to get them signed off.

Mark: also pushing CASA tickets, checking bugs & validating some of GeorgeM's tickets. VO work — now have a DACHS resource descriptor that includes DataLinks to all the FITS chunks, which produce a link in the table. Probably better not to implement SIAP: (1) clients do not like/expect huge files and (2) clients don't know what to do with DataLinks in the results. Some normalization of the database tables is in progress.

Ilse: JUMPING JIVE reporting ongoing. Notebook prototype on other exp: there are not too many phase-ref experiments to choose from. Starting to work with Olga on CASA tutorials for EVN Symposium + CASA VLBI workshop later this year, whose preparations are starting. Thursday is EAS special session SOC meeting day. Work on CWL tutorial ongoing.

Aard: 4 Gbps testing = 2 x 2 Gbps in practice, looks like input nodes cannot keep up. Investigating by enabling input node processing step-by-step and see which is the trigger for not keeping up. plotms from eee-dev has been made to work. The Jupytercasa for Ilse has an issue — the numerical user-id has to match inside +outside the container (this is annoying), also argument with the dummy authenticator which "will authenticate any user" but the user name has to exist on the host (which is not documented). Next step is to configure the Docker launcher.

Paul: most sfxc nodes upgraded to 18.04, two nodes loose network so cannot install from server. A fixed switch firmware was delivered by the manufacturer to test, which will be installed+tested after the e-VLBI run of Tue/Wed. Upgrading the remaining SFXC nodes + FlexBuffs requires physical access to the machines (BIOS upgrade — slow, painful). Working on hardware replacement plan. The ASTRON purchase of hardware to get them on the 100 Gbps link is delayed because of #COVID19.

eBob: found + fixed bug in flexbuff auto-etransfer; three exps ended up on WSRT flexbuff. Will move them off after e-VLBI. Continuing work on ANTAB editor for FITS-IDI. Helped Aard w/ VEX2 datastreams. Should take this into production remotely, otherwise it will be delayed by too much time.