

WURM, 13-01-2020 14:00

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

Ilse: The EAS special session is progressing nicely (invited speakers, abstract submission open). There is some work needed to organize a CASA workshop at the EVN Symposium in Cork; there is an idea to have a several-day JIVE-organized CASA VLBI workshop in .NL in autumn 2020. Wants to start looking into using Common Workflow Language for simple pipeline development.

Paul: Monday 20 Jan 2020 the 100Gbps fiber will be lit, no data routed over it though (e-VLBI is on Tuesday 21 Jan). There was a second disk failure on the same raidz pool within 24 hours of having the previous failed disk replaced+resynced (>1 disk failure at same time implies complete pool loss!). The last disk of E^3 was replaced by a bigger one. The disk pool on E^3 is now a lot larger. There is an issue with the marcopolo -> trantor backup which will be investigated and hopefully fixed. Working on the EVN proposal for PhD. Meeting with Klaas Stuurwold about the 100Gbps migration (goal: SURFNet 7 equip out of the building by end Q4 2020) and double provisioning of the network.

eBob: Last week Markus Demleitner from German Astrophysical VO visited ASTRON/JIVE. Demonstration and discussion of configuring DACHS (VO service software) useful; better idea of how to VO-ify the EVN archive. Initial ANTAB gui editor is done. There seems to be a hard-coded link in NorthStar to the old call for proposals which needs to be fixed (make it always link to current).

Aard: CASA6 Singularity image built using pip wheels. There is still a lot broken and missing so fixes were done and e.g. carta plus its dependencies were added. (Side discussion: carta viewer is not at all suitable for batch-based pipeline). Idea: jplotter in the image? Python2 only, started 2 to 3 conversion (without checking with jplotter author; 2->3 conversion nearly done already). NFS issues can lock users out of "out.sfxc". (Side discussion: can this be improved by a better distributed/shared file system or should users be educated about what (not) to do?)

Des: Permission to generate a pull request for the dispersive fringe fitter was requested. The wideband version might be available as development package within a few weeks. Des' data disk was broken and SB remains unresponsive about replacement.

Mark: "Quis custodiet ipsos custodes?" - the automated, nightly, tests of building+running+verifying SFXC didn't actually test anything. The build failed (silently) => old executables were run (which failed) => no new output files => old output checked against itself => always exact match, what the test reported. Now fixed! In order to run tests on casadev "sparse checkout" (at 200GB total size not a bad idea) attempted - but such a mess that extracting all data was simplest. A document with VO related requirements will be produced this week.