

ZWURM, 14-06-2021 13:00 (ZWURM through Zoom because of #COVID19 house quarantine/wk66)

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

Des: Working on improving PaperDB Flask-interface, nearing completion; should expose to ZsoltP soon. Preparing CASA for MichaelJ needs input from Mark since a test #FAILs which shouldn't; the memory fix is checked in for GeorgeM; combining polarizations might already exist in CASA, if .TRUE. would make implementation (very) easy. Fruitful discussion with BobC about collecting statistics and (automatically) generating usage numbers; some valuable sources of information revealed; these not yet databaseified: require scraping manually maintained files; BobC remains maintaining, will scrape into database format. LOFAR long baseline busy week this week; am only CASA representative; LOFAR requires special CASA5 build (Andre0 Dysko storage manager (SM)), becoming more difficult as CASA5 not really supported; MarkK will mail Andre0 (cc: DesS/HarroV) to include this SM into casacore: necessary for future support.

Ilse: Halfway the two-week ESCAPE school; very useful but takes time. Inbetween the lectures EAS and other meeting issues. After ESCAPE school finishes this week, next week is EHT summer meeting.

Aard: Busy adding station(s) to evn-monitor; do not see the level of information that AlexanderN is describing - making it difficult to add new hosts; adding stations: stations DO need to do some work in pushing out any data, maybe after understanding how the system works JIVE can provide some help in coding cronjob/scripts to help make it useful and low barrier to entry. Adding write support for SFXC VEX parser, uses json to describe requested VEX structure (blocks, which entries are links etc.)

Mark: See Ilse for ESCAPE school + EHT summer meeting. Inbetween lectures pushing two CASA tickets along; still requiring verification/validation. Received request from MPA Garching PhD about access to EVN archive (crossmatch EVN catalog with list-of-sources): proposed to act as beta tester for (unofficial) EVN Virtual Observatory interface; IlsevB can supply some (Python) tooling to help querying the evn-vo service.

BobE: OlgaB's reported spectral/cont antab editor problem fixed; BenitoM finds other problem "interpolation not seem to work": underlying cause is duplicate data (timestamp) resulting in NaN after interpolation and NaN is pandas data frame sentinel value; code now warns about duplicate data, sufficient for BenitoM (although BobE expects that code should offer choice of which to select). NorthStar justification issue reported by FranzK fixed and rolled out; https in invite email tricky: due to reverse proxy code inserting mail link thinks it's running on http; now fixed by added heuristic to detect if running prod or test platform (code can request server config protocol but not port number so assumptions have to be made here). Looking into LT08 backup unification, next

target is adding archive to the backup (currently only DDD backups to LT08).

Paul: 200+ mails this morning: monthly ZFS scrub, found seven broken disks; finding new ones urgently (fb7/WSRT has two failed ones out of warranty); proposes to increase scrub frequency to weekly to catch broken disks before data loss. fb16 (Ef 2nd) entered the building, rackmounted, caused cooling capacity discussion. Will have LOFAR group presentation this afternoon. Need to divide evn-monitor labour: currently not sure who does what and mail from AlexanderN seems to be unhandled (not entirely true, fortunately), but is an issue. Intends to be on-site Tue and Wed.

Harro: BobC provided full-polarization combination data with identifyable-by-eye characteristic features (amplitude and band shape) per polarization combination; integrated in regression test. [MarkK: maar hoe dan?!] [Har: try code.jive.eu + README.md, if unclear/incorrect, shoot issue(s)].