WURM, 09-01-2023 13:00 WURM (Oort room)

Present Mark, Bob, Aard, Ilse, Paul, Des, Marjolein

Plenary announcements/discussion:
- Happy new year and hope that everyone enjoyed the holiday season

Paul: some deliveries finally found their way to me after having
been passed around to various people in the building:
SCSI cables used to connect tapebuf0 and old eee JBOD can be used
for archive=>archive2 migration of data; new optics installed,
replacing dodgy fiberstore units [Mark: any matrix network tests?]
Yes would like to but WSRT fb7 still in our network and used for
recording, as soon as that machine is out of our racks can organise
these tests much more easily. old.evlbi.org stopped working again:
root cause "dop288" taken out of DNS [Marjo: *sigh*]. Got renewed
NVIDIA "support" contract at steeply increased price. Together with
Wybren: productionalisation of Mk6#0 (also netboot issue b/c of
weird Mk6 network card(s)). Let's think about power management:
shutting off equipment that isn't used. All LTO3 tapes done,
(re)mounted LTO3 drive on old eee, work in progress.

Des: received question from JuttaS re final onboarding - should I
care? [Marjo/Mark: no]. Got an error on desktop about partition
full. [After some discussion it seems we have options to fix that
for Des w/o getting ICT involved; their solution was to buy a new
machine *sigh*]

 Ilse: Got round to reviewing paper that was on todo list, EHT panel
finalised. Asked MichaelJ about rPICARD on MacOS [not really
supported; mpicasa + MacOS = ENOENT], try on casadev? [Yes]
Continuing investigation of RadioAstron analysis w/ CASA.

Bob: Py2=>Py3 conversion: Qwt from PyQt5 interface changed subtly w/
significant effect (can be python or c++ bindings and not really
able to tell which is the one in use); in principle done but expect
further maintenance/fixups. ORP-PILOT avaiability webpage public,
created "add user" webpage. Q for Paul: can has nginx + uswgi this
week? [probably yes]. Archiving procedure: scripts on archive need
parallelizing b/c large upload stalls everything. Need internal
discussion at e.g. vlcoffee.

Mark: continued work on CASA issues such as EOPs, VLBA amp
digitisation correction. Rebuilt casa-dev: take out old root disk,
put in new one, install Deb11, try new modular build system:
succeeded in the end, but Deb11 MPI vsn not compatible w/ CASA:
remove MPI then build w/o works ok; Deb11 has Py3.9 but CASA only
supports up to 3.8 (bindings to C-code). Trying to build master
branch: lots of compilation errors. Started xarray based data access
lib for sfxc correlator output as basis for modernising (real-time)
plots. Co-authoring OSSR paper [Ilse: MNRAS has new journal on
instrumentation/tech papers].
(more next page)

Aard: Jupytercasa Zenodo image now declared OK by ThomasV after some small edits.

Marjolein: worked on jive5ab new release, integrating many developments, update documentation. Worked on vbs_fs configuration, versioning, packaging (can now build .deb package) and Py2/Py3 compatibility.