LIM, 19 February 2019

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Agenda: https://indico.cern.ch/event/800261/
Next meeting: 5 March 2019

Status of the release

The release candidate LCG_95rc1 was out just before the last LIM. As already reported at the last meeting, it underwent deep test by LHCb which allowed to identify which allowed to identify a few issues with python packages and RPMs, fixed during the same week. A second release candidate was ready for testing on Friday 8 February morning and validate by the LHCb by the end of the day. After consulting with ATLAS, we took the decision to tag LCG_95 with he content of LCG_95rc2 and we started building during the following weekend.

Since then:
- a problem with libcurl appeared (SPI-1223) which is partially solved, with a CERN-SSO script still failing; the fix will require intervention by the linux CERN support, which is unlikely; the possibility to use libcurl from the system should be envisaged;
- A problem with libGL (ROOT-9965) due to a change in the GL library installed on CentOS7, messing up the llvm symbols and crashing ROOT event displays based on EVE/GL.The problem has been reported to IT and can be followed in the corresponding ticket.

ATLAS and FCC tests of the new release have been delayed by a fix needed in GAUDI; a new GAUDI version including the fix is now available and the tests can start. FCC noticed a possible problem with DD4HEP which seems to pull VDT and Davix, via pyROOT. This needs to be followed up with DD4HEP and ROOT experts.

LHCb reported a problem with the RPMs for the python bundles, which do not pull all the required dependencies. The SPI-1238 ticket has been open to follow the issue.

No news from SWAN about the tests of the special nxcals view; still waiting for feedback.

AoB

New patch version of Geant4, labelled 10.04.p3, was released with bug fixes.

Next steps

Preparation of LCG_95a will start soon, based on the result of testing LCG_95 and on fixes that may be read in the mean while; more news at the next LIM.