

LIM, 4 Feb 2020

Present: R Hauser, M Clemencic, G Folger, D Castro, O Shadura, A Kazarov,
R Bachmann, G Ganis (chair), I Goulas, B Couturier
Remote: D Konstantinov, G Amadio, I Razumov
Agenda: <https://indico.cern.ch/event/881360/>
Next meeting: 18 February 2020

Status of the release LCG_97 preparation

The last two weeks have devoted to iron out the remaining issues in view of LCG_97, in order to be ready when the ROOT tag will be available.

- As can be seen from the LCG_97 [dedicated epic](#) most of the issues have been addressed. In particular, the following package upgrades took place: rangev3 (new version: 0.10), C++ GSL (2.1), rivet (3.0.2), starlight (307), recola-coller (2.2.0).
- Last week Python 3 was upgraded to 3.7.6 on CentOS7. For SLC6 such a version does not work, and during the meeting it has been agreed that SLC6 is not a priority any longer. Issues with CORAL/COOL and Python 3.7.6 were fixed by C Delort on last Friday (31 Jan). These need to be tagged and included in dev4 (to end up in LCG_97).
- The version of pytest was upgraded to 4.6.9, the latest still supporting python 2 . This was required to fix an issue with roottest, when running against the release.
- The problem with the side-effects of the MySQL upgrade has been understood and the upgrade will be included in the release, after proper tests in the nightlies.
- The Gaudi version has been upgraded to v33r0 to solve the issues with ROOT
- The problem with gPerfTools availability for clang has been solved

In the works:

- Exercise the layered stack with LCG_96c_LS, in particular RPMs
- Solve a relocability issue with powheg-box-v2
- R-bindings in ROOT. Running roottest against dev3 and dev4 evidenced a problem with R-bindings, potentially due to an incomplete installation of R (basics tests of the R installation are fine). It was agreed to build ROOT without R-bindings, starting from the nightlies: nobody in the audience was aware of any use of them; removing will reduce the LHCb (and ATLAS) dependency list.
- Upgrade on Intel TBB to latest version (2020_U1) as required by ATLAS.

ROOT tag status

The ROOT 6.20.00 tag is expected by end of the week. Everything is green on the ROOT side; however there are 4 blockers from LHCb for which solutions exist under validation / testing.