

LIM, September 25, 2023

Connected/present: André Sailer (Chair), Johannes Elmsheuser, Attila Krasznahorkay, Ewelina Lobodzinska, Marcin Nowak, Giulio Eulisse, Andrei Kazarov, Stefan Ghinescu, Ilias Goulas, Marco Clemencic

Apologies: Bertrand, Dmitri

Indico: <https://indico.cern.ch/event//>

Next Meeting: October 23, 2023

1 Nightlies

Andre presented the changes in the nightly builds. A new Package Geant4-vecgeom-scalar was added, which builds geant4 based on the scalar build of vecgeom. For AlmaLinux9 the package fribidi was added, which was caused by [SPI-2418](#), which also included updates for pango 1.48.9 and harfbuzz 2.7.4.

The packages RELAX was updated to 6.1.1 ([!1936](#)), required by changes in ROOT's ROOT-Config.cmake. Spark was updated to 3.5.0 as requested in [SPI-2420](#), and for that also grpcio was updated to 1.56.2, and – only devswan – grpcio-status 1.56.2. The package recipe for cppzmq ([SPI-2424](#)) was changed to correctly install its header files.

2 Releases and Layers

Then Andre presented the updates for new releases and layers. The new release LCG_104a ([SPI-2412](#)) was then building, and is now released

Of the layers for LHCb LCG_104.LHCB_Core ([SPI-2421](#)) was done; the requested layers LCG_104.LHCB_7/8 ([SPI-2421](#)) LCG_103cuda ([SPI-2387](#), cuda 12) were on hold and waiting for input from LHCb

The three layers requested by ATLAS, LCG_102b_ATLAS_29/30 ([SPI-2422](#)) and LCG_88b ([SPI-2423](#)) were work in progress. Andre voiced the reminder that LCG_88b does require extra effort by the SPI team, and the newer layers are easier to deploy. Ewelina said responded that providing MadGraph 2.9.16 via LCG_102b would also be acceptable.

3 Other Issues

Then two other issues were discussed. No one voiced their request for an immediate release of a stack using clang 17.

The work on replacing the CentOS Stream 8 builds with a AlmaLinux 8 build was on going

4 AOB

4.1 LHCB

Marco just pointed out that, to his surprise, lxplus9 is using RHEL9. ATLAS responded that they complained about this and were promised that it moves back to AlmaLinux9. The move to RHEL9 was apparently necessitated because a Kernel problem was not fixed in AlmaLinux9 quickly enough.

4.2 ATLAS

ATLAS brought up an issue discussed on the Genser mailing list and later tracked as [SPI-2436](#). They also have issues with ROOT-master in dev3 because of changes in RVersion.h.

With respect to the long standing issue of GitLab rate-limiting encountered, using a newer git client on CentOS7 mostly resolves this issue.

4.3 ALICE

ALICE reported that they bumped their xcode to release 15, which caused some c++17 related quirks that had to be fixed in O2. Following a discussion about the issues various people had with macOS, Giulio stated that they had fixed all SIP related relocation issues for macOS and Attila will follow up with him about this offline.

4.4 NA62

NA62 had nothing to report.