

LIM, October 24, 2022

Connected/present: André Sailer (Chair), Andrei Kazarov, Ben Couturier, Bertrand Bellenot, Dmitri Konstantinov, Ewelina Lobodzinska, Gerri Ganis, Giulio Eulisse, Guilherme Amadio, Ilias Goulas, Johannes Elmsheuser, Marcin Nowak, Reiner Hauser

Apologies: Pere

Indico: <https://indico.cern.ch/event/1214259/>

Next Meeting: November 7, 2022

1 Nightlies

New packages:

- For uproot/awkward updates ([SPI-2229](#)): uproot-browser, plotext, textual, histoprint

Updated Packages

- Dev[34]: Gaudi v36r8; DD4hep 1.23
 - [SPI-2229](#): awkward 1.10.1, boost-histogram 1.3.2, hist 2.6.2, rich 12.6.0, uproot 4.3.7
- dev[34]cuda: Cuda 11.7.1, cudnn 8.4.1.50, TensorRT 8.4.3.1, cupy 11.1.0

Updated recipes:

- Catch2: added CATCH_BUILD_STATIC=ON flag (needed for the version compatible with gcc11, older versions did not have this flag, but are not compatible with gcc11)
- Cuda/cudnn/TensorRT recipes modified
- cpymad (madx related): fixed missing symbols for Ubuntu/centos8/centos9

Stacks:

- Stopped dev3, dev4, dev3cuda, dev4cuda builds for gcc8
 - Still used in devswan (gcc11 also available for devswan)

2 Releases and Layers

LCG_102a ([SPI-2202](#))

- Root 6.26/08 released
- Forgotten patch for xkb [SPI-2193](#)
 - For dev4, see the resolution in *other issues*
- Sherpa/HepMC=Both: Will fix for ATLAS layers in any case?
 - Johannes: Would be OK to have this only fixed in ATLAS layer
- Fix issues and create LCG_102b?

LCG_101_ATLAS_27/28 ([SPI-2225](#))

- Something wrong with the RPMs
- Johannes: Fine for us to just move to LCG_101_ATLAS_29/30
- Dmitri: Probably caused by re-attempting after failed build

LCG_88b

- [SPI-2224](#): Cannot build new versions of rivet/yoda with FastJet in this release
- Ewelina: Will check if new rivet is really needed for LCG_88b today and will update the ticket. Would it be possible to have LCG_88d with updated FastJet?
- Dmitri: Would be a bit complicated to do this, and LCG_88c also did not work in the past.

3 Other Issues

xkb:

- Reiner: in dev4: turns out was missing some RPMs for xkb-utils, so the stack itself is OK

4 AOB

4.1 ATLAS

- Johannes: Setting up CentOS7 ARM machine as alternative for techlab, but slow progress

4.2 LHCB

- Marco: Please do LCG_102b_LHCB_7 once LCG_102b is there like LCG_101a_LHCB_7, will open a ticket
- Ben: Will prepare json file
- Ben: Also would be nice to have *gitcondb* in the stack (including for LCG_102b_LHCB_7), will open a ticket

4.3 ROOT

NTR

4.4 ALICE

- Giulio: Anyone try the new macOS to be released today?
- Gerri: I believe, there were some issues for ROOT solved by Axel against a pre-release of this new OS

4.5 NA62

NC

5 Next meeting

November 7, 2022