

# LIM, February 22, 2021

Connected: Andre Sailer (chair), Ivan Razumov, Oksana Shadura, Andrei Kazarov, Reiner Hauser, Johannes Elmsheuser, Omar Zapata, Marcin, Charles Delort, Giulio Eulisse, Pere Mato, Ewelina Lobodzinska, Nicola Lurkin, Ilias Goulas, Edward Mouse, Gunter Folger, Gerardo Ganis, Ben Couturier, Marco Clemencic, Guilherme

Apologies: Dmitri

Indico: <https://indico.cern.ch/event/1010540/>

Next meeting: March 8, 2021

## Status of things

### *Nightlies*

- Upgraded packages for the dev[34] and dev[34]python2 development builds
- Recipes:
  - Adding `--disable-hepmc3root` for Sherpa recipe
  - Edward: Only HepMC3 is concerned?
  - Ivan: Sherpa is built with both HepMC2 and HepMC3 support, since it supports both interfaces simultaneously
  - Andre: What is done in the nightlies? HepMC2 or HepMC3?
  - Ivan: If there is a choice packages (generators) are build against HepMC2
- dev[34]Cuda
  - Nothing to report
- devArm
  - Nothing to report
- devBE
  - Stopped building it, as no longer used by the relevant stakeholders

## Releases

### *LCG\_99[cuda]*

Removed the `dataclasses.py` module from `cvmfs`, because it was interfering with the standard library one introduced in python 3.7. (SPI-1806)

Patched `JupyROOT/helpers/utils.py` on CVMFS for SWAN (SPI-1810)

## **LCG\_99\_LHCB\_4 (SPI-1804)**

Marco: Having the same generator versions with the same layer number allows us to compare by suffix, so we know only the base package versions have changed and not the generators.

## **LCG\_97a\_LHCB\_5 (SPI-1821)**

## **LCG\_98python3\_ATLAS\_6 (for generators) (SPI-1787)**

## **LCG\_98python3\_ATLAS\_7 (for generators) (SPI-1822)**

Ewelina: Is this already done? Need to update EvtGen to 2.0.0

Ivan: Not yet done

## **LCG\_88b**

Patch for superchic 4.01 being added

## **LCG\_100:**

With the upcoming release of ROOT 6.24.00 the stakeholders are asked to voice their wishes for LCG\_100 in [SPI-1799](#)

- Branch in a PR at the moment [6385](#)
- Oksana: PR might be merged into master today
- Omar: Current version of tensorflow are fine, no users are asking for updates, and new ones might not be stable.
- Johannes: Also includes updates to generators as they go into the Atlas layers?
- Andre: Yes, usually everything goes into the master.

## **Other issues:**

Coral/Cool:

Charles: Will discuss in 2 days about the first steps

Edward: Would like it to be kept being build as part of the LCG stacks, as we have two different users of this package, would need to have some layer in between to make it fit.

Gerri: Have a string of small problems with this package, tests failing. So we were hoping this could move to the Atlas side.

Andre: Would spack help?

Reiner: Do not build any external packages at the moment. But if we build it ourselves we can do what we want.

Gerri: It would be better for us if you can take over building coral/cool

Johannes: Need to discuss with our database coordinator Andrea Formica. Will write an email to him and Charles and it will be discussed.

Charles will report at the next LIM meeting.

***Alice: NTR***

***Atlas: NTR***

***CMS: No Connection***

***LHCb: NTR***

***SWAN:***

Omar: Had several issues with LCG\_99. Now dealing with Kernel restarts, trying to figure out if this is related to LCG\_99 or not. Seems to work with LCG\_97

***BE/NXCals: NTR***

***AOB:***