

LIM, April 12, 2021

Connected: Andre Sailer (chair), Ivan Razumov, Ewelina Lobodzinska, Oksana Shadura, Nicolas Lurkin, Johannes Elmsheuser, Reiner Hauser, Guilherme Amadio, Andrei Kazarov, Omar Zapata, Ben Couturier, Ari Kraut, Charles Delort, Ilias Goulas, Gerri Ganis, Pere Mato,

Apologies: Giulio

Indico: <https://indico.cern.ch/event/1021183/>

Next meeting: April 26, 2021

Status of things

Nightlies

- Upgraded packages for the dev[34] and dev[34]python2 development builds
 - dd4hep (1.16.01) matplotlib 3.3.4 ([SPI-1856](#)), arrow 3.0.0 ([SPI-1854](#)), LCIO 2.16.1, SIO 0.1, yoda 3.1.4 ([SPI-1866](#)), rivet 1.9.0 ([SPI-1866](#)), fmt 7.1.3 ([SPI-1864](#)), spark 3.1.1 (python3 only)
- New packages for compatibility of LCG stacks with python virtualenv's ([SPI-1857](#)) pipenv 2020.11.15, virtualenvwrapper 4.8.4, stevedore 3.3.0, appdirs 1.4.4, filelock 3.0.12, virtualenv 20.4.3, virtualenv_clone 0.5.4
- Recipe changes: arrow: build interfaces to several data formats ([SPI-1854](#))
- dev[34]Cuda
 - Nothing to report
- devArm
 - Nothing to report
- contrib:
 - cmake 3.20 available ([SPI-1861](#))

Releases

LCG_98python3_ATLAS_9/_10 (for generators) ([SPI-1866](#))

- superchic 4.02.02 ([SPI-1794](#)), rivet, yoda

LCG_88b

- OpenLoops 2.1.2 ([SPI-1848](#))

LCG_95nxcalspython3_nxcals

- Updated ([SPI-1858](#))
- Krishnan working on integration with SWAN

Preparing for LCG_100 ([SPI-1799](#)):

Root release: Excepted on Wednesday, April 14

Platforms:

- * Johannes: if clang10 is not there, this is OK
- * Andre: Will only make a release with clang11, add clang11 nightlies, drop clang 10
Python 3.9.4 (first adding to the nightly builds)
- * Johannes: are there going to be surprises?
- * Pere: might be issues when using binary wheels
- * OK to move the nightlies to 3.9.4
- * Johannes: Would not want the python upgrade to delay the release of LCG_100
- * Gerri: is having a successful build sufficient for testing?

Other issues:

Does anyone need LCG Release based on 6.22/10?

Nicolas: Moving to LCG_100, have to test new Geant4 version. Will discuss this week.

SPI-1860: VC Tag: Guilherme to nudge Andrea to see if a new tag could be done.

pyACC: Enric scheduling meeting

Matplotlib: Zooming not working on plots. Seems to depend on the browser. Reproduction not easy. Pere and Omar working on it offline.

Spack: Everything (ATLAS top packages)

Ben: Can you remind me of the installation path?

Ivan: `/cvmfs/sw.hsf.org/sft-spack/`

Alice: No connection

Atlas: Nothing else

LHCb:

Ben: Status of the compiler with enable-frame-pointer?

Andre: Need to check status with Dmitri.

Gerri: Some investigations started.

CMS: No Connection

SWAN: NTR

BE/NXCals: NTR

AOB: