

LIM

May 22, 2023

Status of Nightlies



New packages

- black, cfgv, pathspec, identify, meson, nodeenv, pre_commit, regex, tokenizers, utf8cpp, versioneer, VTK

Updated packages

- astroid 2.15.5, boost 1.82.0, clhep 2.4.6.4, dask 2023.4.0, distlib 0.3.6, distributed 2023.4.0, filelock 3.12.0, flake8 6.0.0, glib 2.76.2 (N.b.: this is *not* glibc), gl2ps 1.4.2, hadoop 3.3.5, hepmc3 3.2.6, iminuit 2.21.3, importlib_metadata 6.0.0, isort 5.12.0, julia 1.9.0, lazy_object_proxy 1.9.0, lightning_utilities 0.8.0, mccabe 0.7.0, msgpack 1.0.5, mysql 10.5.20, packaging 23.1, platformdirs 3.5.0, pycodestyle 2.10.5, pyflakes 3.0.1, pylint 2.17.4, pythran 0.13.1, pytorch_lightning 2.0.2, soupsieve 2.4.1, virtualenv 20.23.0, wrapt 1.15.0, zict 3.0.0

Updated recipes

- openloops: dropped: ppllllj2_nf5_notridr ppllllj2_nf5_sr (could no longer download)
- GitConddb: disable tests ([GitConddb#20](#))

c++20 status: e.g., [SPI-2347](#)



■ gcc13 and clang16 use c++20

- ▶ Updated and patched a number of packages (see [!1702](#))
- ▶ gcc13: a few more issues outstanding for dev4lhcb (currently known: texinfo, podio, LCIO, RELAX)
- ▶ clang16: issues with: bison, blas, fastjet, gettext, gperf, texinfo, xqilla, pythia6, grpcio, ruamel_yaml_clib

Releases and Layers



LCG_103a ([SPI-2356](#))

- ROOT 6.28/04
- gcc13 / c++20 ready
- clang16

LCG_102b_ATLAS_20/21 ([SPI-2343](#))



- Drop CentOS Stream 9 builds? (el9 already available for weeks)

Round the table/AOB



Next Meeting



June 5, 2023