



LIM

February 27, 2023

Status of Nightlies



Updated packages (also in LCG_103)

- [SPI-2282](#): Boost 1.81.0, Gaudi v36r10
- [SPI-2290](#): vdt 0.4.4 (also disabled Ofast)
- [SPI-2291](#): java 8u362
- [SPI-2292](#): pandas 1.5.3, tfs_pandas 3.3.1, numexpr 2.8.4, pytz 2022.7.1, cython 0.29.33
- [SPI-2293](#): xgboost 1.7.3 (not devLHCb)
- [SPI-2294](#): Geant4 11.1.1
- [SPI-2297](#): spark 3.3.2-cern1
- [SPI-2298](#), [SPI-2304](#): Pythia8 309
- Clang15 [!1586](#): simdjson 3.1.1, benchmark 1.7.1, ccache 4.7.4,
- DD4hep 1.25.1, Davix 0.8.4, Delphes 3.5.1.pre05, gnuplot 5.4.6, libpqxx 7.7.4, postgresql 12.14, cepgen 1.1.0,

dev[3,4]cuda:

- cuda 11.8, cudnn 8.6.0.163, TensorRT 8.5.3.1, ([SPI-2299](#))
- New devcuda on cs8, cs9 (lplus8-gpu, lplus-gpu (CS9))

x86_64-centos7-clang15-opt added to dev3/dev4



- [SPI-2289](#) LCG_103, LCG_103_LHCB_Core, LCG_103_LHCB_7
 - ▶ Most top priority platforms should be available as RPMs and CVMFS
 - ★ Not: clang15, not aarch64-gcc12
 - ▶ The compiler RPMs for aarch64-gcc11-centos9, are not available at the moment
- LCG_102b_ATLAS_13/14 ([SPI-2298](#))

■ alma9/el9 stacks

- ▶ In the works, need a few packages to be changed [!1606](#)
- ▶ HEP_OSlibs rebuild against alma (Thanks to A. Valassi):
 - ★ https://gitlab.cern.ch/linuxsupport/rpms/HEP_OSlibs/-/blob/8.2.0-2.el8/README-el8.md
 - ★ https://gitlab.cern.ch/linuxsupport/rpms/HEP_OSlibs/-/blob/9.1.0-2.el9/README-el9.md

■ xrootd 5.5.3

- ▶ Build with scitokens or macarons support, or both?
- ▶ Build server parts?

■ Updates/Inclusion Requested, work in progress:

- ▶ tensorflow ([SPI-2302](#)), (py)arrow ([SPI-2301](#)), pre-commit+black, ([SPI-2295](#))

Round the table/AOB



Next Meeting



March 13, 2023