



LIM

January 13, 2025



Status of Nightlies

New packages

- [SPI-2697](#): ultralytcs, ultralytcs-thop

Updated packages

- ruff 0.9.0, nanobind 2.4.0, pylint 3.3.3, astroid 3.3.8, mypy 1.14.1, coffea **2025.1.0**, scipy 1.15.0, doxygen 1.13.1, zfit 0.24.3, g4hepem **20250106**
- [SPI-2702](#): lhpdf 6.5.5
- [SPI-2703](#): Boost 1.87.0 (dev4 only)
 - Can we update in dev3?
- [SPI-2708](#): Superchic 5.4, openloops 2.1.3p2 (added ATLAS processes)
- [SPI-2709](#): openpyxl 3.1.5

Updated recipes

- [SPI-2704](#): add Cuda architecture 8.0 (A100) for torch and friends
 - Should we add support for newer architectures? Can we drop support for older ones before their deprecation?

devXcuda

- [SPI-2707](#) cuda 12.5 (for tensorflow 2.18 compatibility, does *not* affect ATLAS layers)

Releases and Layers



LCG_102b_LHCB_8 LCG_105c_LHCB_8 ([SPI-2690](#))

- OK?

LCG_106b_ATLAS_3/4

- WIP

LCG_107 ([SPI-2693](#))

- ROOT 6.34/02
- WIP



- [SPI-2672](#) gRPC issue for ATLAS, resolved now?
- [SPI-2692](#): Plan of Work: any requests?
- [SPI-2493](#): Python 3.12
 - ▶ merged PR into main branch
 - ▶ Some tests are still failing and require further updates
 - ▶ keeping separate dev3python312 for the moment

Round the table/AOB



Next Meeting



January 27, 2025