



LIM

August 26, 2024

Status of Nightlies



New platform:

- x86-64_el9-gcc14fp-opt, with frame-pointers enabled everywhere

Updated Packages

- [SPI-2635](#): Boost **1.86** (dev4), Gaudi v38**r3** (plus patch for includes)
 - Update boost in dev3 as well? Once [Gaudi!1618](#) is merged
- [SPI-2637](#): (devswan only) kfp 2.4.0, kfp_pipeline_spec 0.3.0
 - Protobuf **4.25.4**, grpc **1.62.3** (everywhere)
- [SPI-2636](#): gcovr **7.2**
- astroid **3.2.4**, autopep8 **2.3.1**, black **24.8.0**, flake8 **7.1.1**, flake8_bugbear **24.8.19**, pluggy **1.5.0**, pre-commit **3.8.0**, pycodestyle **2.12.1**, pylint **3.2.6**, pytest **8.3.2**
- Cuda 12.6 available in contrib

Downgraded packages

- [SPI-2633](#): (devcuda only) cuda 12.3, for compatibility with tensorflow
 - Keeping CUDA 12.4 in ATLAS layers



LCG_106a ([SPI-2607](#))

- 1 A few more packages we want to update:
 - zfit, pydantic, correctionlib, coffea ([SPI-2639](#))
 - jupyterlab_rise ([SPI-2638](#))
 - mypy, ruff, DD4hep
- 2 Make sure everything works
- 3 Make a new branch, include gcc14(fp) stacks

LCG_106_ATLAS_7/8 ([SPI-2626](#))

LCG_106_ATLAS_9/10 ([SPI-2641](#))



- 1 Nightly publication moved to parallel gateway: so far everything is faster

Round the table/AOB



Next Meeting



September 9, 2024