

# LIM

9 June 2020

# Status of things

- Nightlies
  - New/upgraded packages: Rivet 3.1.1, Yoda 1.8.2, Graphviz\_Py 0.11.1, Geant4 10..06.p02, YamCpp 0.6.3, pybind11 2..5.0, COOL/CORAL 3.3.1, XRootD 4.12.2
  - New patch for sherpa 2.2.10
  - Lapack removed (provided by OpenBLAS)
  - ROOT 6.22-patches on dev3
- LCG\_97\_ATLAS\_2 ([SPI-1571](#))
  - Tested in dedicated nightly dev4atlas
    - Package content synchronized to needs
  - Error fastjet/TLS understood and fixed
  - Still a problem with FastJet configuration in Athena ([ATLINFR-3575](#))
  - Will be rebased on top of LCG\_97a

# LCG\_97a

- Epic available: [SPI-1609](#)
- ROOT v6.20/06 should be imminent
  - Took several weeks: is it something to learn about testing from the kind of blockers encountered?
- Branch LCG\_97a ready: additions (wrt LCG\_97)
  - OpenBLAS 0.3.9, sherpa/sherpa-openmpi 2.2.10p4, Frontier\_Client 2.9.1, Delphes 3.4.3pre01, YamlCpp 0.6.3, Gaudi v33r1 (patched), Geant4 10.06.p02, COOL/CORAL 3\_3\_1
  - Fixes of python dependencies from Spack investigations
  - Other requests? XRootD 4.12.2? ...
- Will build for
  - CentOS7, gcc 8,9,10, clang10, python2,3; Ubuntu 18
  - CentOS8, Ubuntu 20

# AoB

- LCG\_98 epic available ([SPI-1637](#))
- Source installation
  - ATLAS long standing request to have MC sources for LCG\_88 ([SPI-1224](#))
  - Now available at `/cvmfs/sft.cern.ch/lcg/sources/LCG_88/`
  - Can this be of general interest?
    - Only for MC? For everything? For a selected list of packages?
- Spack investigations continue
  - Will update soon the list of packages for which there is not yet a recipe
- Compilers requests
  - Cuda 11