

LIM

3 December 2019

Topics

- Status of nightlies
 - New/Upgraded packages
 - Starlight 307, Rivet 3.0.2, rangev3 0.9.1
 - On-going: MySQL upgrade to 10.4.10, recola-collier 2.2.0
 - Arrow problem fixed by disabling jemalloc
 - Gaudi related failures investigated by ROOT
- LCG_97: following ROOT 6.20 tag
 - Expected by mid/end of January 2020
 - [JIRA Epic](#) available for desiderata, etc
- Layered stacks
 - LCG_96b_Is to exercise machinery, in particular for RPMs
 - For x86-64-centos7-gcc8-opt
- Spack investigations

Spack evaluation plans

- First evaluation available (see [Ivan's talk](#))
- Additional questions / observations to be discussed / investigated
 - Spack concentrates on Python 3, some work needed to provide LCG Python 2 packages
 - Views concept is probably not the same as in LCGCMake
 - Use of variants for alternative instruction sets
 - Use RPath (default) or not (possible)
 - Environment with modules or views
 - \$HOME/.spack related concurrency issues
 - When using a shared \$HOME and a service account
 - ...
- Next steps
 - Create/revive dedicated Spack fork and EOS area for sources, binary hosting
 - Provide documentation page on LCGDocs
- [JIRA Epic](#) to track evolution and issues/wishes