

LIM

14 April 2020

LCG_97 status

- Experience w/ existing builds
 - Geant4 data files broken ([SPI-1579](#)): fixed in the repository and in place (cvmfs)
 - Renaming of 'CLHEP' to 'clhep' required adaptation in ATLAS (see [SPI-1576](#))
 - Part of standardization: 'name package' == 'name installation directory'
 - Done last time version changed (in Oct 19) and included in 96c_LS, 97rc2, 97rc4
 - Additional package affected
 - Frontier_Client (frontier_client), fftw (fftw3), PyYAML (pyyaml), Qt5 (qt5)
- New builds available
 - LCG_97py3cu10, using ROOT 6.20/04
 - SLC6, gcc8, Python{2,3}
 - Requested by Super CDMS (Snowlab)
 - Anyone else still interested in SLC6?
 - EOL 11/20

LCG_97 next

- LCG_97_ATLAS_2
 - Being defined (see [JIRA-1571](#)). Still missing evtgen tag.
- Ubuntu 18 LTS
 - Requested by IT (see [SPI-1582](#)) for benchmarking, but with support for Hadoop
 - Needs update to Hadoop 3.2.1 (to cope with OpenSSL 1.1.x)
 - In progress
- Clang 10
 - OK in nightlies. In progress
- CentOS8
 - Started systematic porting

AoB

- Tensorflow 2, cuda 10.2
 - Working at a consistent upgrade in nightlies (see [SPI-1577](#) and [MR-388](#))
 - What is the position of experiments wrt TensorFlow 2.1.0 ?
- Next meeting, 28 April 2020, dedicated to HEP_OSlibs
 - Questions to be addressed
 - List of packages
 - Separation build-time and run-time ?
 - What about EPEL packages (e.g. Grid) ?
 - ...
 - We will prepare exact current needs of LCG stacks for centos7 and centos8
 - Experiments should provide input about their needs