

LIM, September 12, 2022

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Indico: <https://indico.cern.ch/event/1198427/>

Updates in nightlies/devs since the last meeting

- [SPI-2209 Boost 1.80](#)
 - Added to dev4 for testing a week ago
 - Q: can we update dev3 with it?
- [SPI-2213 Update XrootD to 5.5.0](#)
 - There is a known issue: **The FUSE component in Release 5.5.0 will not start on most systems. If you depend on FUSE you should not upgrade to 5.5.0 and wait for 5.5.1.**
- [SPI-2212](#) Special nightly build for LHCb - **dev5lhcb** is set. It contains:
 - ROOT 6.24-patches
 - DD4hep compiled with GEANT4 units, and without DDG4

Release and layers:

- Preparation for LCG_102a [SPI-2202](#):
 - ROOT 6.26.06 (08 with RadLen/IntLen fix for Geant4Units?)
 - with updated DD4hep
 - SPI-2193: Geant4, QT5 with xcb plugin
 - SPI-2203: xrootd 5.4.3 (with kerberos plugin build for cs9)
 - SPI-2204: spark 3.3.0 for swan
 - SPI-2195: updates needed for gcc12
 - SPI-2198: pytorch_cluster
 - SPI-2206: pytest-xdist
 - garfield++ with defined version(hash)
 - SPI-2197: lcgenv CMAKE_PREFIX_PATH
 - superchic 4.14p1 from 101_ATLAS_25/26
- A request from LHCb for a patch release 101a with the fix on computation of the radiation and nuclear interaction lengths to 6.24
 - <https://github.com/root-project/root/issues/11080>
 - fixed in 6.24/08 , 6.28/00, 6.26/08
- [SPI-2199](#) LCG_101_ATLAS_25/26 with Superchic 4.14
 - completed

items for discussion:

- Requests from ATLAS
 - to have 102a before the end of September
 - clang 15 is available, problems to build ATLAS on top of gcc11.
 - onnxruntime needs a newer version of binutils - 2.39
- TensorRT in LCG stack:
 - TensorRT license (<https://docs.nvidia.com/deeplearning/tensorrt/sla/>)
 - create cvmfs/projects accessible to CERN community only.
- Atlassian change of license policy
 - A change in JIRA license agreement for CERN
 - An initial list of requirements will be provided via a survey. Interested users and/or instance managers should subscribe to the e-group "jira-requirements".
 - The survey is opened on 5th September for 3 weeks. ****Submission deadline in the week of 26th of September.**
 - SPI has a special licence and it will work up to 2024 (according to Ilias G.)

Roundtable

Next Meeting: September 26, 2022
