

Minutes of the LIM Meeting CERN, 15-August-2017

Present: Javier Cervantes, Charles Delort, Gunter Folger, Pere Mato, Patricia Mendez, Marcin Nowak, Emil Obreshkov, Ivan Razumov, Martin Storo.
Notes: Patricia Mendez.

Topics treated during the meeting:

1. Releases and nightly builds

- Release LCG_89 announced on the 18th of July.
 - Not tested yet by the experiments (waiting for LHCb feedback after the vacation period)
 - Ben reported a missed RPM corresponding to the gcc7 compiler, it was created and uploaded to the corresponding rpm repo.
- Release LCG_90 announced one week after.
 - Internal release dedicated to the SWAN project due to some dependencies missed
 - In addition it contains xrootd 4.6.1 and the latest ROOT tag: 6.10.04
 - Still missing the ubuntu platforms due to some new generators failing in this platform
 - As requested in other situations, no new generators can enter a release if they have not been tested before in the nightlies.
- ATLAS request the build of SoQT against Qt5:
 - The current SoQT version we handle corresponds to 2012. Afterwards no new tags have been deployed by the developers. Indeed this is no longer supported package and the version available is incompatible with Qt5. There is a new branch which should be compatible with Qt5 but still it has not been tagged. Reported to ATLAS via email Riccardo told us that ATLAS is working in a homemade version of SoQT which should be compatible with Qt5. This will be the version we will implement once it is ready.
- COOL and CORAL
 - Both repositories have been migrated to git. We will cage the version of these packages to the master branch in our nightlies.

2. Presentation of the new lcgsoft page by Jorge

The new interface called lginfo.cern.ch is including all changes implemented by Jorge. Still pending (already requested to the IT) to open this page to the world. For the moment it is not SSO protected

Once this step is completed, the current lcgsoft page will be deprecated.
Jorge will present this work next Monday during the regular EP-SFT group meeting. The LIM members are invited to attend

3. Arm64 builds

- **LHCb, CMS and ATLAS require officially the support to puppet configuration of arm64 nodes: RQF0791975**
 - Still pending this the end of the summer

4. Round table

Pere and Marcin/Emil: discussion about the relocation of geant4-config package

- This particular script was not relocated after the installation of the corresponding binaries by the ATLAS build system. We have explained the .post-install approach we use for all our packages once we install them in cvmfs or any other backend
- Patricia will provide Emil and Marcin with the instructions so they can incorporate this approach to their own build method.

Martin: Testing docker as container for the provision of ROOT releases

Javier: dev4 nightly builds have been moved to docker containers.

Gunter: New (internal) release of Geant4.