Minutes of the LIM Meeting
CERN, 10-March-2015

Present: Marco Clemencic, Ben Couturier, Benedikt Helger, Mikhail Kirsanov, Antonio Limosani, Patricia Mendez, Emil Obreshkov, Andrea Valassi.
Phone: Gunter Folger, Illias Goulas.
Notes: Patricia Mendez.

Topics treated during the meeting:

1. *HSF Software Packaging Discussion*
    a. Actions have been requested to the experiments. No further information right now.

2. *List of new packages demands*
    a. LGCb: As requested during the last meeting, **Qt5**, new version of **Doxygen** and **vectorclass** have been now provided in all devX flavours.
    b. ATLAS has requested **python-messaging** this week and it has been also provided through the full set of nightlies. (Included in pytools)
        i. In addition, Tony remarked the lack of the **six** package in LCG_74root6. This package has been reinstalled before the meeting and announced to Tony.
        ii. Tony remarked the SPI-765 Jira ticket that still needs to be completed/closed.
    c. In addition, Andrea had requested **pyzmq**, which has been also provided as one of the pyexternals. (Included in pytools)
    d. LHCb requests the installation of **libtool** 2.4.2 decoupled from the LCG releases version. For instance following the same approach we will follow with the build-from-sources Grid packages. These packages should be installed outside the usual /afs/cern.ch/sw/lcg/releases area.
    e. Marco requested the dev4 build without **CLHEP**1.9.xxx version. A test has been triggered in experimental to see the behavior of the rest of the packages before setting this in dev4 up.

3. *Installation of nightlies through RPMs*
    a. Approached agreed with LHCb who will have to establish their rpm's names and versions conventions.
    b. This approach must be compatible with the LCGCMT build method followed by ATLAS.

      c. The RPM installation procedures following LHCb and ATLAS requirements will be started with dev4.

4. *Announcement of clang36 in AFS*
      a. In the night from Monday to Tuesday, the clang3.6 version has been installed in AFS. This installation has not been done through an RPM creation, though this will be needed in the future. To be checked by Ben.

5. *Generators items*
      a. Issue that has been reported during the last meeting, concerning the generators tests failing in Ubuntu due to the lack of pyroot needs still to be followed.
      b. Marco reminded the Jira ticket SPI-548 requested an specific test to validate the configuration steps of the externals. This tests that should be included in the usual daily builds would help to avoid the herwig issues reported by Mikhail.

6. *Geant4 announcement (reported by Gunter before the meeting via email)*
      a. Geant4 has released patch 4 for Geant4 10.0. The patch is available from http://geant4.cern.ch/support/source_archive.shtml, and is also installed in the usual places (/afs/cern.ch/sw/lcg/external/geant4 and cvmfs/geant4.cern.ch/geant4) at CERN. A detailed list of issues fixed is in http://geant4.cern.ch/support/Patch4.10.0-4.txt.

7. *Additional discussions*
      a. Reassignment of Jira ticket SPI-772 to Benedikt.
         i. git repository browser at http://lcgapp.cern.ch/git/GaudiMT/tree/ is no longer functional.
      b. Add cc7 tests to dev4
      c. LHCb requested a parseable output of the builds we use for the nightlies.