Minutes of the LIM Meeting
CERN, 14-MArch–2017

Present: Javier Cervantes, Marco Clemencic, Ben Couturier, Charles Delort,
Gunter Folger, Patricia Mendez, Marcin Nowak, Martin Storo.
Notes: Patricia Mendez.

Topics treated during the meeting:

1. **<u>Releases</u>**

• Summary of LCG_88 and LCG_88Py3
  • Both releases (unique difference the Python version run in both releases)
    are being currently processed.
  • Relocation problems for system packages declared as dependencies (not
    foreseen by the post-installation script) has forced us to repeat the full
    LCG_88 stack for slc6. This means 4 platforms that are being clean from
    CVMFS for both gcc49 and gcc62 compilers.
  • In addition, both releases need a ROOT patch (already provided by
    Danilo) which will enable the use of ROOT with notebooks.
  • Both independent issues have driven to a delay on the announcement of
    the releases that should be completed BEFORE the end of the week.

2. **<u>Packages and compilers</u>**

• icc17 is now available in CVMFS. Provided by IT and validated by SFT, it has
  been implemented (together with clang3.9) as dev4 platforms. currently
  following the packages failing with both compilers.
  • Regarding clang, LHCb is interested on the use of this compiler with the
    new ABI5 (ensured with clang2.9 and gcc62 also available in CVMFS).
    This is the setup we will add to our slots in the nightlies.
• Requested by Marco, all our Ubuntu build machines include now Kerberos5
  (needed for copying purposes to EOS).

3. <u>Other topics</u>
Deprecation of AFS: As conclusion of the AFS phaseout meeting, IT experts are
expecting the deletion of binaries and compilers from AFS to conclude the
phaseout. Not agreed by the experiments (yet) since in many cases, AFS is
currently being used as 2nd solution (backup) in case of issues with CVMFS in a
transparent way for the users.
  • external area in AFS where IT experts provide LHCb with Grid packages
    besides the versions available in the LCG stack, will have also to be
    migrated to CVMFS. Patricia will follow with IT a possible area of CVMFS
    where to continue this work.

- ATLAS: Several SPI tickets have reported missing RPMS coming from new installed generators. The issue is solved right now.
- Binutils installation will be provided in the contrib area together with the compilers. In addition a test version of gcc62 redefining the PATH including binutils will be provided by Javier for testing purposes.
- Javier has reminded the HSF meeting where the evolution of Spack will be presented this week.
- Martin: migration of ROOT to GitHub is completed.