LIM

15 September 2020

Status of things

- Nightlies
  - New/upgraded packages:
    - Pythia 8.303, MadGraph5 2.8.0 / 3.0.3-beta
  - Fixes / changes
    - Dynamic libs for YamlCpp ([SPI-1686](#))
    - New patch for TheP8i
  - dev3 builds fails since Sept 10th due to an issue with COOL being investigated
    - Brings up the issue of the COOL/CORAL migration to ATLAS
  - In dev3, replaced clang8-opt with clang10-opt
    - Added clang10-dbg
  - devARM
    - Node back in 'production'
      - Access grants need to be renewed every 6 months
    - Some issue with EOS publication being addressed (move away from fuse mount point)

Status of releases

- LCG_98
    - Main issue: ROOT
        - LHCb blockers: [ROOT-10688](), [ROOT-10789](), [ROOT-11000](), [ROOT-11010](), …
        - Work in progress, on both sides
    - LCG_98, LCG_98python3
        - gPerftools optimization flags ([SPI-1708]())
            - Regression, see [SPI-1587]() (fixed in LCG_97{a}, not ported to master)
- LCG_97a new layers
    - 97a_LHCB_3, 97apython3_LHCB_3 available

AoB

- Improved use of the layer concept
  - *Problem*: any new version of something (e.g. generators) is a new layer: how can we avoid proliferation of (unused) layers?
  - *Questions*: How are requests for new versions being followed up? Are they used in a full validation process or used for specific test by specific users?
  - On the SPI side:
    - Creation of new layers streamlined using incremental builds
      - Needs consolidation but works already quite well
    - Could imagine a fully automated system of layer build and deployment triggered by the creation of the toolchain defining the layer
      - Customers would be in charge of creating a MR with the toolchain
        - Possibly specifying the subset of platforms required
      - SPI would validate and merge the MR

Meeting slot

- For the after sanitary crisis, possibility to have room 32/1-A24 (larger, better video connection) on **Monday 14h-15h30**
- Opinions?