LIM, November 9, 2020

Connected: Andre Sailer (chair), Dmitri Konstantinov, Ilias Goulas, Reiner Hauser, Guilherme Amadio, Ivan Razumov, Johannes Elmsheuser, Ari Kraut, Charles Delort, Ewelina Lobodzinska, Andrei Kazarov, Omar Zapata, Marco Clemencic, Oksana Shadura, Pere Mato, Ben Coutourier, Edward Moyse, Gunter Folger

Apologies: Giulio

Indico: https://indico.cern.ch/event/970810/

Next meeting: November 23, 2020

Status of things

Nightlies

- Upgraded dev3 and dev4 to python 3.8.6
- Added dev3python2 and dev4python2
- Some initial problems should now be solved [SPI-1738](#)

New/upgraded packages:
- pytorch(1.7.0 (py3 only)), stomppy (6.1.0), iminuit (1.5.2), git (2.29.2), multiprocess(0.70.10), pytest (6.1.1)

New Packages

- docopt (0.6.2), toml (0.10.2, for pytest 6.1.1)

Andre: How to run gaudi tests

Marco: `make test` in build folder

Pere: Run tests after installation?

Marco: Not possible, probably

Further discussion offline

Releases

LCG_98

Oksana: PRs for root and root test there. Trying to make all tests pass

- o [#6769](#)
- o [#6780](#)

Latest tomorrow, maybe today

Compilers et al.

Cuda 11.1 [SPI-1737](#) placed in contrib

Flavours and Platforms

Which combination of compiler, operating system, python, opt/dbg should we build?

LHCb:

Marco: centos7, gcc 9 + 10, clang 10, both opt+dbg,

      Python3 only, probably not python 2

Atlas:

Edward: centos7, gcc 8 + 10, clang 10, both opt+dbg,

      python3 only

Swan:

Omar: gcc 8, (maybe 9, 10), clang maybe not, gcc7(for cuda), python 2 maybe. Only opt,

      Centos7 only.

Stakeholder feedback

Alice: NTR

Atlas:

Edward: might request clang 10 for atlas

Reiner: Centos8 build? gcc 8 (+ gcc10)

Dmitri: Working on it

CMS: No connection

LHCb:

Marco: dev3 dev4 not working so well, but also switched to new gaudi, cannot tell which is causing the failures at the moment.