

LIM 04.06.2020

Status of LGC_98

- Took longer than expected.
- 15 packages were failing using gcc 10 related to stricter gfortran:
 - Mostly because of new behavior: Mismatches between actual and dummy argument lists in a single file are now rejected with an error. Use the new option `-fallow-argument-mismatch` to turn these errors into warnings; this option is implied with `-std=legacy`. `-Wargument-mismatch` has been removed
 - 13 packages are patched (Many thanks to Ivan Razumov!)
 - `mad-x` and `pymadx` excluded for now, developers reported that the fix is available in master, waiting for a release.
- Updates:
 - Hoppet updated to 1.2.0
 - delphes updated to 3.4.3pre04
 - podio updated to 00.11
 - madgraph5amc updated to 2.7.3 / 2.7.3.py3
 - XercesC updated to 3.2.3
 - Xquilla - to 2.3.4
 - * R and rpy2 removed from stack (as agreed during last LIM)
- Changes/bugfixes needed for Ubuntu20 and Centos8 are prepared.

LCG_97a flavours

- LHCb needs new layers (97a_LHCB_3, 97apython3_LHCB_3) with different generators:
 - Madgraph 2.7.2 with different model parameters.
 - different version of Pythia8
 - with fixed version crmc, see [SPI-1659](#)
 - waiting for green light from Gloria C.

Discussions

- A workaround of ATLAS showstopper related to ROOT dictionaries in ROOT 6.20/06 seems to be found (see [ROOT-10940](#))
- LHCb still experiences a problem with ROOT 6.22
- Release candidate for LCG_98? Which platforms?