

LIM  
22.11.2022

# Status of Nightlies

- **Googletest 1.11.0 (and source tarball) requested by ATLAS added [SPI-2026]**
- **new packages for devARM** requested by ATLAS added [[SPI-2023](#)]
- **CRMC 2.0.1p2** based on CRMC 2.0.1 with two patches, p1 - allows to build with latest C++ standards (provided by Andrii Verbitskii, p2 – disable linking of FPE trap for ARM)
- **madgraph5amc 3.2.0.atlas1** – based on 3.2.0.atlas but having original “broken” symlinks needed by NLO + cvmfs\_copy.patch provided by ATLAS, described in comments of SPI-2024
- **OpenLoops 2.1.2 with increased a limit on path length of OL\_PREFIX** [SPI-2027]
- **Rivet 3.1.5** is added to dev builds

# New layers

- **101\_ATLAS\_5**(hepmc3) and **101\_ATLAS\_6**(hepmc2) layers with Rivet 3.1.5, crmc 2.0.1 and valgrind 3.18.1 and patched MadGraph. [SPI-2024]
- In preparation **101\_ATLAS\_7** (hepmc2) based on 101\_ATLAS\_6 with boto3, botocore, jmespath, s3transfer, protobuf and openloops with extended OP\_PREFIX limit.

# Other Issues

- **clang/llvm 13.0.0 seems to be broken, could be related to newer versions of binutils or “gold” linker support [SPI-2012],[SPI-1933]**
- **LHCb reported a problem with Pythia-224.lhcb4, traced back to missing patch. New revisions of corresponding RPMs with proper patch applied to release ASAP. Only LHCb layers are affected.**
- Gaudi master fails on centos8 [SPI-2010]: should this in principle work?
- Bad include paths for ARM in ROOT (SPI-2021)
- AFS paths in compilers (SPI-2015): will rebuild what we can
- RPM naming (SPI-1985)

# ROUND TABLE

- ALICE
- ATLAS
- LHCb
- SWAN

- Next meeting is scheduled on December 6