

# LIM, June 05, 2023

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Connected:

[Indico](#)

## Updates in nightlies/devs since the last meeting

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### "Externals"

package	was	now	requested by	JIRA
spark		<b>3.4.0-bin-hadoop3</b>	SWAN	<a href="#">SPI-2361</a>
lightning_utilities	0.5.0	<b>0.8.0</b>	SWAN	
oracledb	-	<b>1.3.1</b>	SWAN	<a href="#">SPI-2358</a>
oracle	19.11.0.0.0	<b>19.19.0.0.0</b>	SWAN	--/--
torch	2.0.0	<b>2.0.1</b>	SWAN	
pyhf	0.7.1	<b>0.7.2</b>	author	<a href="#">SPI-2354</a>
RELAX	root6	<b>6.0.1</b>	gcc 13/clang16/c++20/c++17	
bison	3.3.2	<b>3.8.2</b>	--/--	
correctionlib	2.1.0	<b>2.2.2</b>	--/--	
cartopy	0.20.1	<b>0.21.1</b>	--/--	
fpill	5.2.1	<b>5.4.4</b>	--/--	
gdb	12.1	<b>13.2</b>	--/--	
gettext	0.20.1	<b>0.21.1</b>	--/--	
kokkos	3.6.00	<b>4.0.01</b>	--/--	
LCIO	2.16.01	<b>2.19.01</b>	--/--	
podio	00.16.02	<b>0.16.05</b>	--/--	
proj	8.0.0	<b>9.2.0</b>	--/--	
Qt5	5.15.2	<b>5.15.9</b>	--/--	
Qt6	6.4.3	<b>6.5.1 LTS</b>	--/--	
sollya	7.0	<b>8.0</b>	--/--	

## "Generators"

package	was	now	requested by	JIRA
contur	2.4.1.dev20230323	<b>2.4.2</b>	ATLAS	<a href="#">SPI-2322</a>
river	3.1.7	<b>3.1.8</b>	ATLAS	
yoda	1.9.7	<b>1.9.8</b>	ATLAS	

## Pending requests

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package	was	requested version	requested by	JIRA
grpcio-status	---	latest	SWAN	<a href="#">SPI-2360</a>
dask-jobqueue	0.7.3	latest - 0.8.1	SWAN	<a href="#">SPI-2362</a>

## Release and layers:

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- [SPI-2343](#) LCG\_102b\_ATLAS\_21/22
  - hepmc3 and hepmc2 layers
  - latest version of rivet and yoda
  - new patched version of madgraph 3.5.0
  - patched version of Herwig++
  - latest versions of flake8, mccabe, pyflakes, pycodestyle

Installed but mccabe was not updated! (My bad...Sorry for that.) As ATLAS have not touched RPMs so far, it will be re-installed after LIM (!)

## Preparation for LCG\_103a

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- pretty decent progress over the past two weeks. However, we are currently experiencing failures for gcc13/c++20 ([CDASH](#)) in the following packages:
  - gdal-3.4.1
  - Gaudi-v36r12
  - RooUnfold-3.0.0
  - cepgen-1.1.0
  - sherpa-openmpi-2.2.15.openmpi3
  - Garfield++-HEAD
  - torch-2.0.1
- failing for **clang16** ([CDASH](#)):
  - Qt6-6.5.1
  - VTK-9.2.6
  - blas-0.3.20.openblas
  - coin3d-3.1.3p2
  - fastjet-3.4.0p1
  - ftjam-2.5.2
  - gdal-3.4.1
  - graphviz-2.40.1
  - igprof-5.9.16
  - xqilla-2.3.4
  - grpcio-1.54.0
  - ruamel\_yaml\_clib-0.2.6

**We aim to complete the update of nightlies by the end of this week. As part of this process, it is possible that some packages may be omitted from the gcc13 and clang16 versions of 103a.**

## items for discussion:

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## Round table

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ATLAS, ALICE, LHCb, ROOT, NA62, SWAN

## Next Meeting:

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Scheduled date for our next meeting, June 19, 2023, coincides with the ITUM event.