

Ganga

LHCb Computing Workshop

Rob Currie, Ulrik Egede, Alex Richards, Mark Slater, Mark Smith

May 15, 2017



Imperial College
London

Current developers:

- Alex Richards
- Ulrik Egede
- Mark Smith
- Mark Slater

Departures:

- Rob Currie - still provides helpful input
- Matt Williams
- Patrick Owen

Many thanks for their hard work!



On github:

- <https://github.com/ganga-devs/ganga>

Documentation:

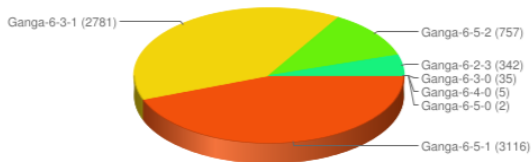
- <http://ganga.readthedocs.io/en/latest/>

PyPi:

- <https://pypi.python.org/pypi/ganga>

Releases:

- Now on 6.5.2
- **Use the latest release!**



No more LHCb releases

- Python project with no dependencies.
- No longer exclusively an LHCb project.
- LbScripts uses `/cvmfs/ganga.cern.ch/` with appropriate env variables for the configs.
- We will remove all old versions.
- There will be a DEV version updated daily from the development branch on github.



GaudiExec:

- For use with LHCb cmake apps.
- Seems to be working well.

Notebook:

- For use with Jupyter notebooks

Bender:

- From Vanya Belyaev & Vladimir Romanovsky.

Credential store:

- Better management of credentials.
- Useful for those who are members of multiple VOs.



Status:

- 6.6.0 is expected shortly - new feature for ATLAS
- Some more optimisation should arrive soon - quicker job loading.
Thanks Rob Currie.
- Docker containers including a DIRAC installation.

To work on:

- Add support for CERNbox storage.
- Improve testing - a continuous process.

Thank you

BACKUP