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# LHCb Core Software Meeting

## Date and Location

23 Apr 2014 [↗](#)  
10:30 - 11:30  
CERN (2-R-030)

## Attendees

Anastasia Karachaliou, Ben Couturier, Illya Shapoval, Joel Closier, Liang Sun, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Rob Lambert (Vidyo), Sebastien Binet (Vidyo) Sofia Qiriazzi,

## Subjects

# News

- OpenLab Workshops
  - ◆ CERN Numerical Computing workshop May 5-6, CERN [↗](#)
  - ◆ CERN openlab/Intel Parallelism, Compilers and Performance workshop May 12-14, CERN [↗](#)
- gcc 4.9.0 has been released [↗](#): soon to be tested in LCG nightlies
- Marco Ca. circulated the structure of the next LHCb Computing Workshop
- Marco Ca. circulated again the computing tasks document for final validation
- Rob's last meeting

# Round Table

## Marco Cl.

- CMake migration
  - ◆ Added support for LCG 68 and ROOT 6 (LCG 68\_root6)
  - ◆ Missing projects:
    - ◇ Integration,. Rob: can be obsoleted
    - ◇ Kepler (to be added to the nightly builds)
- ROOT 6
  - ◆ reverted nightly build slot to head version of ROOT
  - ◆ new issues to be understood (duplication of dictionary entries)
  - ◆ we need to start validation tests on the releases beta version
- Coverity
  - ◆ misunderstanding with Benedikt: we need to ask Federico Carminati for a license
- Gaudi
  - ◆ planning to modify the plugin service ( and the interface inheritance classes to use variadic templates (C++11)

Marco Ca.:

- What about JIRA?  
Late... Marco Cl. and Ben will try to see with Illias

Joel:

- Should we move the deployment savannah to Service Now?  
YES

## Ben

- All problems in LCG 68 worked around (hacking binaries in place)
- Issue with relocatability of Python (for setuptools)
- We need to change all the passwords (including service accounts)
- Testing on the caching of the branches (follow up of the work by Vanessa): no effect on analysis jobs (caching ineffective, often reading whole events)
- Issue with Herwig++: using the wrong libreadline.so (the one coming from DIRAC, which is broken)

## Markus

- New release of Online v5r8
- Migrating monitoring farm to SLC6
- Request from LHCbDIRAC to have a monitoring of the Online farm

## Joel

- Going to change the external libraries to pick up the fixed OpenSSL

## **Marco Ca.**

- Will ask at PAC if we need new releases. Do we have anything

## **Illya**

- Progress in the GaudiHive project.

## **Liang**

- New tag broke Brunel tests
- Discussing with Online people for the commissioning of Split HLT CondDB

# Sofia

- Trying to build a web application to collect statistics on the nightly builds.

# Anastasia

- Implemented a telescope with DD4HEP
- Investigating integration with Gaudi.

# Sebastien

- Completed the CMT part of the replacement of the configurables DB.

# Rob

- Some packages in a nightly build slot. Will report to Marco Cl. and Ben.

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-- MarcoClemencic - 23 Apr 2014

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