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# LHCb Core Software Meeting

## Date and Location

2015-06-17 [📅](#)

10:30 - 11:35

CERN (2-R-030)

## Attendees

Ben Couturier, Gloria Corti, Illya Shapoval, Joel Closier, Marco Cattaneo, Marco Clemencic (minutes)

## Subjects

# News

- Gaudi Developers Meeting last Wednesday
  - ◆ mainly discussing organizational issues
  - ◆ Marco Ca.: there had been some discussion in the Computing Workshop and the Analysis and Software Week about the future developments.  
see <https://etherpad.mozilla.org/LHCbcomp15>
- ATLAS organizes a Future Frameworks Workshop (LHCb is invited)
- New release of LCG (77root6) with ROOT 6.02.10
  - ◆ we should check if we can pick up ROOT 6.04 for the July stack. Marco Ca.: we only have two weeks to commission it.
  - ◆ Marco Cl. will ask for the change in dev4 for a start
- Joel: now that gitlab.cern.ch is in production we need to define guidelines ASAP

# Round Table

## Marco Cl.

- GIT
  - ◆ Gaudi officially on gitlab.cern.ch
  - ◆ testing automatic application of merge requests in gitlab.cern.ch
- New **run stamp** condition to check if the alignments and calibrations are up to date for a given run.
  - ◆ Marco Ca.: we need the IOVs for the valid runs ASAP (check with Beat)

## Ben

- Investigating the memory leaks observed in Brunel
  - ◆ Valgrind does not report anything in opt, to be tested in dbg, but the output is still
  - ◆ Manuel Schiller proposed to use Jemalloc for memory profile, which works fine (to be run regularly in LHCbPR).
- Fixed the installation of the new platform "-do0". Need a release of LbScripts to complete the tests
- Prepared an NFS installation of the software at the PIT, based on the SoftConfDB and RPMs
  - ◆ some features missing in lbpkr, will contact Sebastien
- Roel reported an issue with Moore (inconsistency between CMake and CMT configuration). We may patch in place, to be seen.
- Need to change the mechanism to check forgotten CVMFS transactions. Joel mentioned that there is an

## Illya

- Extended the CondDB deployment system to create ONLINE snapshots also when there is an update of the RunStamp condition
- Marco Ca.: how frequent is this done?  
Illya: Every Hour.  
Should be changed to 10-15 min.

## Gloria

- Issue with missing generators in a tarball, but present on CVMFS.
- Davide Fazzini working on merging of Gauss files.

## Actions

- Prepare the GIT and Gitlab guidelines.
- Check with Beat (or Stefan Roiser) the list of IOVs to use in the RunStamp. **Marco Cl.**

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-- MarcoClemencic - 2015-06-17

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