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# LHCb Core Software Meeting

## Date and Location

10-Apr-2013 [🔗](#)

10:30 - 11:30

CERN (2-R-030)

## Attendees

Ben Couturier, Gloria Corti, Illya Shapoval, Joel Closier, Liang Sun, Marco Cattaneo, Marco Clemencic (minutes), Stefan Lohn

## Subjects

# News

- Gaudi v23r7 released
- LIM
  - ◆ gcc 4.8 will be added, but can we drop gcc 4.3? not yet, Gauss being validated on gcc46, they should drop i686 first
- AF tomorrow
  - ◆ Grid middleware: new FTS3 depends on Boost, but there are problem integrating with LCG externals (for LIM)
- Summer students
  - ◆ Joel, Marco Cl., plus a non-member state on the Masterclass project (more physics than computing)
- Marco Ca.: request feed back
- Illya: workshop at Desy on GPUs etc.
- Joel: meeting two weeks ago about Oracle and the new licensing policies
  - ◆ discussion about the possibility of moving applications away from Oracle
- Joel: lxplus alias to be switched to slc6 in two weeks (Ganga is still missing)

# Round Table

## Marco Cl.

- Nightly Build System status
  - ◆ improved (take the list of platforms from the configuration file)
  - ◆ failure this morning because of a typo (fixed and restarted)
  - ◆ planning for production
- LBCORE-24: build nightlies on CVMFS, problem with Gauss + Genser

Marco Ca.: Coverity nightly seems not to have worked. Check and add an alarm.

Gloria:

## Stefan

- Working with VTune profiling of Gaudi
- Adding handler for memory and VTune in LHCbPR
- Testinf new compiler, but volhcb34 needs to be moved to slc6

--++ Marco Ca.

- Philippe has been migrating files from CASTOR to EOS, including files required by QMTest tests.
  - ◆ Philippe will create a special space token to decouple special files from the production sets (so that they are not deleted when cleaning up)
  - ◆ We should have a special private file catalog for testing in PRConfig (Marco Ca. will do it).

## Gloria

- Attempt of a fix for Gauss hanging.
- Emmanouil is going to leave at the end of the month, so he should present the work at the Core software meeting.

## Illya

- CondDB new web portal in production.
- Will need a new SQLDDDB for the portal and for the deployment system.
- Several improvements in the Ariadne system
  - ◆ Apache will shield both Jenkins and Neo4J (administration and command line administration), will tell Joel to add the configuration to the template
  - ◆ XML-RPC interface to the Neo4J to have world readable queries.
  - ◆ Implemented user access to Neo4J in CondDB package

## Liang

- Some updates to CondDBUI to support compressed database. Almost ready for production.

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-- MarcoClemencic - 10-Apr-2013

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