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# LHCb Core Software Meeting

## Date and Location

28-Aug-2013 [📅](#)  
10:30 - HH:MM  
CERN (2-R-030)

## Attendees

Ben Couturier, Gloria Corti, Joel Closier, Liang Sun, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Rob Lambert (Vidyo), Stefan Lohn

## Subjects

# News

- Illya will present Ariadne next week
- Joel: grid middleware Python bindings for Python 2.7 should be ready soon

# Round Table

## Marco Cl.

- Fixed CondDBCompression issue with Stripping applications (LBCORE-238 [↗](#))
- Nightly Builds
  - ◆ Restored "headofeverything" feature (LBCORE-240 [↗](#))
  - ◆ We can build releases with the nightly build system, but we need to validate the products: how to do it?
- ROOT 6 Test Status
  - ◆ Reflex Plugin service replaced with a ROOT-free one, tested in the nightlies
  - ◆ Testing new genreflex but there are unrelated problems with genconf (segfault in a destructor in ROOT)
- CMake
  - ◆ Trying to build Geant4 with CMake in the nightlies, but, it seems, there is a problem with CTest.

Marco Ca.: request for new stack soon; are there changes in Gaudi? not really

## Joel

- Dirac is using the the same Jenkins ash the nightlies.
- We may have a new project for the Virtual infrastructure: BeautyDirac
- We need to reboot SLC5 build machines to upgrade the OS

## Markus

- Problem with mmaped deleted temporary files, probably due to SQLite.  
Marco Cl. will follow it up with Markus.

## Gloria

- What is the status of the changes in the notification policies in JIRA?  
Ben will check.
- Decoupling of the Generators : LHAPDF now moved to a data package.
- We need to feed back to SFT some interface packages (will be sent to Benedikt and Victor).

## Ben

- New web application for the radiation maps.
  - ◆ old app written in C++ that took a bit to compile (strong requirements on ROOT and Boost versions)  
Gloria: we should draft recommendations for web applications
- Working to integrate Valgrind and Massif in LHCbPR
- Issue with ICC13: LbLogin -c does not set up the environment correctly
- We should drop gcc47 and move directly to gcc48; to check with SFT, but we can do it in the next stack.

## Stefan

- Many changes to LHCbPR to be deployed.  
Ben: we should push them to the dev instance.

## Liang

- Testing the JIRA configuration for CondDB patches.

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-- MarcoClemencic - 28-Aug-2013

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This topic: LHCb > CoreSoftwareMeetingMinutes20130828

Topic revision: r1 - 2013-08-28 - MarcoClemencic



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