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# LHCb Core Software Meeting

## Date and Location

24-Apr-2013 [🔗](#)  
10:30 - HH:MM  
CERN (2-R-030)

## Attendees

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

## Subjects

# News

- Forum on Concurrent Programming Models and Frameworks [↗](#) today
  - ◆ Danilo reporting on GaudiHive
  - ◆ Vijay reporting on ARM
- From LIM
  - ◆ CMake-based build of the externals ready for the supported platforms
  - ◆ Now that the full set of externals can be build in few hours, SFT is planning a different deployment model for LCG stack: one directory with everything (bin, lib, etc.) per version of LCG(CMT) LBCORE-117 [↗](#)
  - ◆ LCGCMT 65 almost ready: gcc 4.7 (c++11), VDT, etc.
  - ◆ Geant 4 new release with the multi-threading version available for testing
- Migration from Savannah to JIRA
  - ◆ identified the projects to be migrated
  - ◆ few different use cases will have to be tested
  - ◆ Marco Cl. following up with Benedikt
- Discussion on packaging of SFT-provided software
  - ◆ Pere is suggesting to use everywhere CVMFS and stop packaging
  - ◆ there are pros and cons, Ben will follow up preparing arguments for the discussion
- New LbScripts released
- Issues for the migration from SLC5 to SLC6
  - ◆ at the moment we cannot build SLC5 binaries on SLC6 to run them on SLC5 LBCORE-100 [↗](#)
  - ◆ running on SLC6 seems to require more memory than on SLC5

# **Presentation on LHCbPR project (Emmanouil)**

# Round Table

## Marco Cl.

- New Nightly Builds
  - ◆ migrated the LHCb-hosted git repository to the central CERN git service (renamed *LHCbNightlies2* to *LbNightlyTools*)
  - ◆ moved the `lhcb-patches#` slots to the new system, but the resources are not well partitioned because of the coexistence with the old system
  - ◆ waiting for the move of Jenkins to `lxbuild119` before completing the migration
- Using the CMake configuration files to build the externals on ARM (Raspberry Pi), slow and requires debugging

## Gloria

- Problems with group login on SLC6 desktop

## Marco Ca.

- Reshuffling the agenda for the Computing Workshop
- Will ask help for convening the session

## Illya

- New SQLDDDB release (for Ariadne)
- Ariadne used to configure one LoadDDDB test in the nightlies

## Liang

- We need to test the compressed database in the nightlies. We will switch today.

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-- MarcoClemencic - 24-Apr-2013

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