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# LHCb Core Software Meeting

## Date and Location

13-Mar-2013 [📅](#)  
10:30 - 11:50  
CERN (2-R-030)

## Attendees

Gloria Corti, Ilya Shapoval, Joel Closier, Marco Clemencic (minutes), Mika Anton Vesterinen, Rob Lambert (Vidyo)

## Subjects

# News

- Gaudi v23r7 tagged in lhcb-head
- Problem in ROOT reported by ATLAS
- Geant4 Technical Forum (26/3)
  - ◆ Nigel will report on our studies
- CHEP abstracts deadline on 25th of March
- Summer Students:
  - ◆ Joel ()
  - ◆ Marco Cl. (QMTTest migration)

# Issues from JIRA

- [LBCORE-23](#): login script not called on SLC6 because HEPIX was not installed by default
- [LBCORE-14](#): collected the list of externals used, investigating removals
- [LBCORE-57](#): discussion... Rob will summarize in a couple of slides next week

# Round Table

## Gloria

- High frequency of stalled jobs with the new physics list: 2% (normal) -> 10% (new physics list)
  - ◆ cannot be fixed before production, so we may have to cope with it while looking for a fix
- New configuration of the generators location in LCG (using LCG version in the name). We want it in production, but Ben has to fix the scripts.
- Waiting for a JIRA project (LBCORE-62 [↗](#))

## Joel

- lxbuid119 up and running (SLC6)
  - ◆ half for the services and half for builds
- New LHCbDirac in production since Monday (problem with restart of agents)

## Illya

- Ariadne
  - ◆ defined how to handle security: use Apache virtual host
  - ◆ ready to install on the new machine (lxbuid119)
  - ◆ backup policy still to be defined, but not needed for testing
  - ◆ will discuss with Joel details

## Liang

- Changes in DetCond to allow multiple compression mechanism
- Will commit a script to compress the database (to decide where)

## Rob

- Code review
  - ◆ usage of tools: probably used too much (used as wrappers around simple functions)
    - ◇ generally approved
  - ◆ reorganize memory layout of classes
    - ◇ requires more discussion
  - ◆ use Gaudi configurables more: move conditional and derived configuration to Python

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-- MarcoClemencic - 13-Mar-2013

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