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# LHCb Core Software Meeting

## Date and Location

24-Nov-2010 [📅](#)  
10:30 - 11:40  
CERN (2-R-030)

## Attendees

Gloria, Hubert, Illya, Joel, Karol, Marco Ca., Marco Cl. (minutes), Markus, Paloma

## Subjects

# News

- pyxml will still be available in next LCGCMT 59\*, so that we can smoothly migrate to lxml for the following version
- distcc servers are being switched to SLC5 (only 2 still on SLC4)
  - ◆ Marco Ca.: latest release built on SLC5 for SLC4, so we can migrate the lxbld machines to SLC5 and announce the change to release shifters

We still need to build SLC4 binaries for Gauss (problem on SLC5) and for 32bit CernVM. Once the problem with Gauss is solved, we can enable 32bit SLC5 builds and drop SLC4. (Our use of PVSS requires a build of ROOT on gcc 3.4)

# Round Table

## Marco Cl.

- A student from ISIMA will join us to work on the extension of Eclipse for LHCb as his mandatory stage.
- Fixed the problem with ICC + Boost 1.44 (similar to the ones already observed with gcc).

## Hubert

- No complains about LbScripts v5r6, so will be put in production ASAP.
- Start to work on LbScripts v5r7
  - ◆ fixes to concurrency problems in mkLHCbTar
  - ◆ improvements to archive-project
  - ◆ new option to SetupProject: --ignore-not-ready (i.e. ignore the presence of the NOT\_READY file in a project)
- Karol tested (successfully) gcc 4.3.2p2, which is meant to fix the issue with /afs on high latency networks

## Marco Ca.

- A person from Romania will join the Core Software team. He has been working on the shifters database, and will work from the home institute. He will be at CERN around the 15th of Dec.
- Basic tutorials session next week.
- Internal deadline for CHEP 2010 papers is the 10th of December.

## Rob

- Problems with VC9
- Warnings in the nightlies about configurables.

Marco Ca.: there are also problems in the conversion to HTML of the logs in the nightlies (Karol will take a look).

## Markus

- There is a problem persistifying double-index maps
  - ◆ the update method is called only if a given bit of the class id is set, but we now have (almost) random numbers as class ids
  - ◆ we need to add the update method to DataObject and call it always

## Gloria

- Geant4 now on SVN.
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-- MarcoClemencic - 03-Dec-2010

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This topic: LHCb > CoreSoftwareMeetingMinutes20101124

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