

# Table of Contents

<b>LHCb Core Software Meeting</b> .....	<b>1</b>
Date and Location.....	1
Attendees.....	1
Subjects.....	1
<b>News</b> .....	<b>2</b>
<b>Round Table</b> .....	<b>3</b>
Gloria.....	3
Hubert.....	3
Thomas.....	3
Illya.....	3
Rob.....	3
Marco Ca.....	3

# LHCb Core Software Meeting

## Date and Location

15-Jun-2011 [🔗](#)  
10:30 - 11:15  
CERN (2-R-030)

## Attendees

Gloria Corti, Gregoire Astruc, Hubert Degaudenzi, Ilya Shapoval, Joel Closier, Marco Cattaneo, Marco Clemencic (minutes), Rob Lambert, Thomas Hartmann

## Subjects

# News

- AF postponed to this week
- (Gloria) Dedicated GENSER/HepMC meeting in the afternoon, focusing on development plans
  - ◆ Interests in adding *native* ROOT persistency support to HepMC.  
We are not against it, but it should be optional (e.g. compile time switch) and implemented such that the backward compatibility is ensured.
- (Illya) OpenCL tutorial [🔗](#) tomorrow

# Round Table

## Gloria

- For the to-do list: we need to solve the issue of the copy of Geant4 sources

## Hubert

- LbScript v6r2 put in production and immediately overridden by v6r2p1 because of a bug in the CVMFS-specific optimization in SetupProject

Marco Ca.: we do not have proper certification of LbScript releases.

For AFS we have a pool of guinea pigs, but we do not have the dev/prod mechanism on CVMFS and we are not testing on the grid.

Hubert: the dev/prod mechanism is possible for CVMFS, but was never used.

Joel: we should use the certification system for the validation.

- Changed the root paths for CERNVM from `/opt` to `/cvmfs`. It should be transparent to the users (may be a reboot needed).
- Modified the post-login script on CERNVM to make X509 environment variables pointing to the `/cvmfs/grid.cern.ch` directory (at Tier-1s we use what's provided or fall back to CVMFS if nothing available).
- Plans to use the LCG externals from the SFT CVMFS repository.  
(...discussion...) That will make the CVMFS installation at Tier-1s more unreliable, so we decided to stick to the current scheme.
- Fixed the desktop shortcut "LbLogin AFS" on the Windows terminal servers.  
Marco ca.: We should define the TS to be used by regular users agreed to use cernlhcbts03) and ensure that the software is installed on all the machines.

## Thomas

- Testing a preview version of the new LCG Nightlies code.
- Windows build not working on TS03 and TS04. Investigating.

## Illya

- Working to distribute SQLite databases through CVMFS

## Rob

- There was no need to change Gaudi for the support of the new ROOT persistency service (note that Boole and Gauss are not yet ported to the IOHelper).  
Marco Ca.: we must move the package to Gaudi as soon as it is stable (otherwise if/when we drop POOL, Gaudi will not have a built-in persistency)

## Marco Ca.

- Reminder: the deadline for abstract submission to ACAT [↗](#) is the 2nd of July.

-- MarcoClemencic - 15-Jun-2011

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This topic: LHCb > CoreSoftwareMeetingMinutes20110615

Topic revision: r3 - 2011-06-16 - MarcoClemencic



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