

Table of Contents

LHCb Core Software Meeting	1
Date and Location.....	1
Attendees.....	1
Subjects.....	1
News	2
Round Table	3
Marco Ci.....	3
Joel.....	3
Illya.....	3
Gloria.....	3
Ben.....	3
Liang.....	3
Anastasia.....	3

LHCb Core Software Meeting

Date and Location

12 Mar 2014 [🔗](#)
10:30 - 11:05
CERN (2-R-030)

Attendees

Anastasia Karachaliou, Ben Couturier, Gloria Corti, Illya Shapoval, Joel Closier, Liang Sun, Marco Clemencic (minutes)

Subjects

News

- Massive failure of the nightly builds
 - ◆ problem to the testing of the new LCGCMT layout, which was picked up by mistake.
- Concurrency Forum Meeting (request for contributions)

Round Table

Marco Cl.

- Testing LCGCMT new structure
- ROOT 6
 - ◆ unstable in the last few days, but we have a chance of getting a tag before the weekend

Joel

- Created virtual machine with 500GB of disc,
- LHCbDirac ready to move to Python 2.7
 - ◆ still issues with the way middleware libs are built (problems with the externals)
- PID Calibration required disc space to store ~100 GB of calibration data. They asked for AFS, but they will get a storage element (EOS space).

Illya

- The shutdown of Neo4J was not a clean one, triggering a bug in Neo4J that caused the explosion of the number of entities. In any case there was no corruption.

Gloria

- Issue with the build of Geant4 examples (clashes of file names), Marco Cl. will look into it to prepare a prototype requirements.
- G4 examples are needed to run regularly tests to be published to LHCbPR.
- Next week there is the LPCC workshop.
 - ◆ Paul will present our plans for Geant4 10 and multithreading
- Marco Cl.: added handling of platform-independent generated files in the nightlies (only for Geant4 and DecFiles)

Ben

- Provided Benedikt with a script to generate the RPMs we can install. Being tested.
- Working on the packaging as RPMs of our projects.
- Testing of CVMFS server is going well:
 - ◆ it nicely handled disc full
 - ◆ we need a garbage collection on stratum-0, to remove the history (developers are working on it)
 - ◆ we should move to production for the nightly builds installation

Liang

- Working on the CondDB setup for the split Hlt.

Anastasia

- Going through documentation and tutorials.

-- MarcoClemencic - 12 Mar 2014

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