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# LHCb Core Software Meeting

## Date and Location

21-Sep-2011 [🔗](#)  
10:30 - 11:45  
CERN (2-R-030)

## Attendees

Alex Grecu, Gloria Corti, Hubert Degaudenzi, Illya Shapoval, Joel Closier, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Thomas Hartmann (EVO), Wojciech Fijolek

## Subjects

# News

- ITUM [🔗](#) in the afternoon
- Marco Ca.: at the AF it was mentioned that SFT is trying to get a MacOSX service (build nodes and, possibly, terminal servers)

# Round Table

## Marco Cl.

- Problem with the distribution of LCGCMT 61
  - ◆ A problem with the content of the gcc tarball provided by SFT prevented running and building on local installations (e.g. the grid). It was not spot in the nightlies because we rely on AFS.
  - ◆ Several attempts to patch the problem has been made, trying to avoid a re-tag/build/deploy of the full stack. Limitations of the system and bugs/features discovered during the exercise have delayed the solution.
  - ◆ Finally a solution has been found (including a procedure we can use in the future to patch installations). Unfortunately CVMFS had to be patched by hand because it was not possible to fix some conflicts in any other way.

Marco Ca.: We need to change the way we build our software to become independent from AFS.

- Failure in the nightlies caused by an attempt to update the version of getpack used (requested some time ago). Under investigation.

## Markus

- Checked the access pattern to the Transient Store and discovered that there are inefficiencies (discussion followed on a mailing list<sup>?</sup>)
  - ◆ Marco Ca. asks if we can run this kind of check in a regular basis (e.g. the nightlies)
  - ◆ Marco Cl. points out that to be able to do any performance study we need reference workloads (at least instructions on how to run an application on some reference data)

## Joel

- Latest version of LHCbDirac for the reprocessing is ready for validation.

## Hubert

- What's the status on the Windows problem?  
No progress. Marco Cl. will modify GaudiPolicy removing the new linker option to see if it helps.
- Several users are using gaudirun.py as a sort of alias for python, i.e. they use it to call scripts. Unfortunately this works until the end of the job, where a second application is started failing badly.
  - ◆ Marco Cl. asked to have a savannah bug report as a reminder.

## Marco Ca.

- CHEP 2012 abstracts submission deadline approaching
  - ◆ The papers will be requested before the conference.

## Alex

- Working on the latests tests.
- Preparing to have some tests in the nightlies.
- Submitted the analysis code to RIVET, currently under test.

## Wojciech

- Showed few screenshots of the current prototype of an LHCb web site.

Joel:

- We should not use private installations, but the CERN service
  - ◆ A local installation is better to learn the system and look for the needed plugins. The migration to the CERN service is already in progress.
- Lalain (secretary) has been working on a clean up of the LHCb web site, we should get in contact with her.

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-- MarcoClemencic - 22-Sep-2011

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This topic: LHCb > CoreSoftwareMeetingMinutes20110921

Topic revision: r3 - 2011-09-22 - WojciechFijolek



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