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LHCb Core Software Meeting

Date and Location

16-Feb-2011 [↗](#)
10:30 - 11:10
CERN (2-R-030)

Attendees

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

Subjects

News

- LCGCMT 60a, with the new patch of ROOT 5.28 should be ready by the end of the week.
- AIDA [kick-off meeting](#), with session on computing tomorrow, so no AF

Round Table

Marco Cl.

- A new LCG Nightly Summary [page](#) is in (active) development
 - ◆ we should give feed back (already started) and try to adopt it once we like it

Karol

- Marco Ca. asked to update the list of VC9 builds in the nightlies
 - ◆ lhcb-gaudi-head and lhcb-prerelease to start with
 - ◆ lhcb-head as soon as a machine is available
 - Marco Cl. suggests to install vc9 on ts03 in parallel to vc71, but actually there is no need to keep vc71 on it, so it will be switched (ts01 stays vc71 for the releases on the old stack).
 - ◆ there was a question if we have to build GAUDI_HEAD in lhcb-gaudi-head because of vc9, but actually we need to copy all the rest of the slot dev2, so there is no need to build GAUDI_HEAD ourselves.
- Adding new projects to Coverity
 - ◆ build and analysis successful, but the results were not published. Investigating
- Joel asked what has been done about the problem with of "swap full" that has been affecting the nightlies between last week and Monday. The answer is: nothing, just added a cron job that prints the list of processes to be able to see what is running and how much memory it uses when the "swap full" condition happens. Since it may happen again, we agreed to keep the cron job, just adding a clean up to avoid "disk full".

Gloria

- Has been discussing the possibility of building a version of Geant4 optimized, but with the debug messages enabled, to be able to investigate better the problems in production (in the cases they are not reproducible with debug build, which already have the debug printouts enabled).
 - ◆ we agreed to trigger these builds on demand, with also the possibility of distributing them on the grid if really needed.

Joel

- Marco Cl. asked about the problem with the Quattor configuration of the firewall of lhcb-coverity, but no news yet. It has to be seen by the Quattor experts.
- lxbuid156 is being reinstalled (SLC5)
- the Windows terminal servers are going to be rebooted in the afternoon.

Hubert

- A test version of LHCbGrid available in DEV
 - ◆ user pygraphics + qt instead of pyqt (disappeared in LCG 60)
- Preparing the release of LbScripts v6r0

Illya

- Added to LHCbApp configurable the property to set the tag for the DataQuality Flags CondDB partition

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- Changed the way Hlt CondDB snapshots are produced: now it is automatic
 - The hlt-* tags will not be created anymore, the type property of the tags will be used
-

-- MarcoClemencic - 16-Feb-2011

This topic: LHCb > CoreSoftwareMeetingMinutes20110216

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