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LHCb Core Software Meeting

Date and Location

07 Jan 2009 [📅](#)
10:30 - 12:00
CERN (2-R-030)

Attendees

Hubert, Joel, Karol, Marco Ca., Marco Cl. (minutes), Markus, Olivier, Patrick (EVO), Philippe, Stuart, Thomas

Subjects

News

- LCGCMT 55c ready: build, but not announced. It works in out nightlies
 - ◆ Thomas: there is a problem with ROOT and Python 2.5 on Win32; Pere is investigating
- Architects Forum on Thursday
 - ◆ We will be asked if we want CERNLIB on SLC5. Currently, they are not available and it will require quite some work to get them.
Since we already dropped the support for for the HbookCnvSvc in Gaudi (currently built only on slc4_ia32 because it doesn't harm), we will not ask for CERNLIB on SLC5.

Software Releases

Gaudi (Marco Cl.)

- Gaudi v20r4 tagged and ready for the release (minor bugfix in the configurables yesterday)

Marco Ca.:

- Hubert will not be working on Thursdays and Fridays starting from next week, so for the future releases we have to take it into account.
- Gaudi is now in our nightlies, do we need to keep it in the SPI ones?
The slot "dev2" is not needed anymore, but it is good to have "dev" and "dev1". In our nightlies we put Gaudi v20r4 in "lhcb1", while "lhcb2" will use the one in "dev1".
- Karol added the possibility to wait for the completion of one of the SPI slots before starting an LHCb one. This allows to build against the "today" SPI build.

LHCb, Boole, Brunel (Marco Ca.)

- Moved the deadline for commits to yesterday (6/1/2009), preparing the tags tomorrow (8/1/2009). We need a new SQLDDDB (Marco Cl. is working on it).
- PackDst will be enabled by default.

HLT/DaVinci (Patrick)

- DaVinci will be v22r0: back-ward incompatible for what concerns the options, now completely in Python.

Joel: can we have a "SAM" QMTest test for DaVinci as we have for Boole and Brunel? It will be prepared.

Panoramix (Thomas)

- There is still the problem of Panoramix getting stuck when the next event is asked, but the run is stopped. Markus will investigate.

Round Table

Karol

- ◇ The new getpack (the one in LbScripts) is being used in the nightlies.
- ◇ Currently testing the nightlies on SLC5.
- ◇ Preparing to run the nightlies on Windows.

Hubert

- ◇ A new version of install_project that can install DIRAC is ready (being validated). It installs LbScripts v1r12.
- ◇ Next Monday we will switch the default access method to CVS to ssh (ext). It required some changes in the old getpack. Some instructions to migrate checked out copies to the new protocol are being prepared.

Stuart

- ◇ Dirac3 was running steadily over Christmas
- ◇ Problem with an undetected error in Gauss. It would be good to move the informations to detect errors in the applications. The code to validate the output can even go in Gaudi to complement the testing infrastructure. A clear description of what is needed has to be prepared and distributed.

Olivier

Progress in the investigation for speed up of initialization. The caching of the detector elements information to avoid the parsing of XML is not improving the time, most of the time is not spent in the creation but in the initialization of DEs. It may be due to the conditions and the dependencies in the UpdateManagerSvc. More investigations ongoing, but doesn't seem possible to find a generic optimization.

-- MarcoClemencic - 08 Jan 2009

This topic: [LHCb > CoreSoftwareMeetingMinutes20090107](#)

Topic revision: r2 - 2009-01-08 - MarcoClemencic



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