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LHCb Core Software Meeting

Date and Location

2015-07-01 [📅](#)

10:30 - 11:10

CERN (2-R-030)

Attendees

Andrea Valassi, Ben Couturier, Gerhard Raven, Gloria Corti, Illya Shapoval, Joel Closier, Marco Cattaneo, Marco Clemencic (minutes)

Subjects

News

- Problem with the Online Alignment conditions
 - ◆ data not correctly store to the db
 - ◆ possible fix in place, but more checks needed
- Intel Software Tools Workshop 9-10 July 2015: <https://indico.cern.ch/event/403113/>
- LIM
 - ◆ LCG 78 to be released yesterday, but hold to check gcc 4.9.3. To be done for today (Joel needs pygsi)
 - ◆ ATLAS requested xrootd 4.X, to check if we can use it

Gerhard: do we also upgrade to 4.8.5? no

Marco Ca.: It would be nice if Online moves to 4.9. Gerhard should try to push for it.

Marco Cl.: Can we use ROOT 6.04 for early measurements? Or keep 6.02? (there is still a known memory problem in 6.04)

Not for early measurements, but need to rediscuss on Friday at the PAC.

Ben: there's also another problem with ROOT 6.02 on CC7 (reported).

Update On New Jenkins Plugins (Colas)

Colas reported on his work on the job overview and flyweight job plugins.

Round Table

Ben

- LbScripts v8r4p1 in production
 - ◆ lb-run relocation working correctly now
 - ◆ install_project.py now understands the platform '-do0'
- Daily profiling of Brunel with Jemalloc in LHCbPR
- LHCbPR v2 development ongoing
- Automatic installation of the software on an NFS mounted partition in the Online
 - ◆ just flag a project in the software db
 - ◆ installation triggered by the update of a meta package

Joel

- Archiving process needs to be improved with more checks.
- Will reinstall coverity build machine with the proper layout
- Will add an SCL5 build machine
- Will check why lbpkr takes so long to install on AFS

Andrea

- *learning* to use CMake for CORAL and COOL

-- MarcoClemencic - 2015-07-01

This topic: LHCb > CoreSoftwareMeetingMinutes20150701

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