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LHCb Core Software Meeting

Date and Location

14 May 2014 [📅](#)
10:30 - 11:10
CERN (2-R-030)

Attendees Ben Couturier,

Illya Shapoval, Joel Closier, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Sebastien Binet (Vidyo), Stefan Lohn

Subjects

News

- LHCb Computing Workshop [↗](#) next week
- distcc cluster issue: too slow, we should discuss it in the IT LHCb meeting

Round Table

Marco Cl.

- ROOT 6
 - ◆ Modified the reflex_dictionary pattern to handle PCMs
- Completed the build of the LCG stack (externals, projects and generators) on Ubuntu 14.04. Patches sent to SFT.
- CMake
 - ◆ resurrected the effort on the SetupProject replacement (LBCORE-12[↗](#))
 - ◇ preview available in \$LHCBDEV
 - ◇ updated instructions in GaudiCMakeConfiguration
 - ◆ fixed a few configuration problems in a few projects

Joel

- Hardware issue on the build machines last week
- Discussion in the LHCbDirac team about development procedures
 - ◆ will probably move to github
 - ◆ enforce core review and good practice
 - ◆ switch to be completed in 6 months
- S-NOW people are preparing the form for the deployment requests.

Marco Ca.

- Release stack on the way
- Discussion about coverity at the SFT group meeting
 - ◆ difficult migration for them because of the version they were using
 - ◆ we should check how to filter non interesting files (dictionaries)

Illya

- Developments in the graph based scheduler for GaudiHive
 - ◆ Pere suggested that it should be presented at the concurrency forum
- Submitted abstract to NSS IEEE

Ben

- Continued the work on RPM-based installation of DaVinci.
 - ◆ Now working, but several details still have to be sorted out.
 - ◆ We need widespread testing
- Experimenting with the CMake builds
 - ◆ this opens the door to all the tools that are already integrated with CMake
- New release of LbScripts needed soon
- It looks like LHCbDirac (from Ganga) still uses a *chained* MYSITEROOT

Markus

- Last week we managed to finally invoke the debugger.
 - ◆ we need to simplify the access to gdb for regular users

Sebastien

- Playing with the Docker containers
- Working to use CVMFS in a container

Marco Cl.: not yet merged the patches because I wanted to be sure that ATLAS is ready to test them.

-- MarcoClemencic - 14 May 2014

This topic: LHCb > CoreSoftwareMeetingMinutes20140514

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