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LHCb Core Software Meeting

Date and Location

2015-11-25 [↗](#)

10:30 - 11:30

CERN (2-R-030)

Attendees

Ben Couturier, Gerhard Raven (Vidyo), Gloria Corti, Ilya Shapoval, Joel Closier, Liang Sun, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Paul Seyfert (Vidyo)

Subjects

News

- LCG 81 being prepared
- Marco Cl. will prepare presentations on git use and workflows
 - ◆ a first meeting on Wednesday (Core Software slot) with git mini tutorial and workflows proposals
 - ◆ at the Tuesday meeting on the 15th of December more focused on the workflows

Ben started collecting use cases that will help us defining practical workflows: LbSoftUseCases.

Study on ROOT compression algorithms

Interesting results.

To follow up, it would be very useful to propose the new compression algorithms to the ROOT team.

It's interesting that the lzma compression gives a penalty in reading time. The new results should be compared with Chris' findings and possibly repeated on DSTs.

Round Table

Marco

- Nightlies
 - ◆ another (more successful) attempt to ccache
 - ◆ one slc5 machine can be moved to slc6
 - ◆ to review the use of lhcb-trigger* slots

Joel

- lxbuid119 retired
 - ◆ finalized the puppet templates

Gloria

- Presentation next week on the simulation FSR
- Some work on fast simulation, to be followed up how to integrate it in Gaudi

Ben

- Started working on the new chain for LHCbPR2
- Mika prepared some test jobs that will run in the old LHCbPR
- Security issue with automatically created .rhost files. New release of LbScript to remove the
- Started trying the build of Geant4.10.

Illya

- Interesting possibility of development on the scheduling machinery in GaudiHive.

Gerhard: we should invite somebody from hpx to the Concurrency Forum.

Gerhad

- Trying to fix a performance regression introduced with the consolidation of messaging function, but got a very weird segmentation fault.

-- MarcoClemencic - 2015-11-25

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