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LHCb Core Software Meeting

Date and Location

2015-03-04 [🔗](#)

10:30 - HH:MM

CERN (2-R-030)

Attendees

Ben Couturier, Gloria Corti, Illya Shapoval, Joel Closier, Liang Sun, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Sasha Mazurov, Sebastien Binet (Vidyo), Victoria Santiago Alcala

Subjects

News

- New Technical Student: Victoria Santiago Alcala
 - ◆ improvement of the Nightly Build reports
- Need For Speed next week (no Core Software Meeting)
- Marco Ca.:we need to organize rehearsals for CHEP
 - ◆ agreed to have presentations and posters ready by 22nd of March

LHCb PR v2 (presentation by Sasha Mazurov)

The first version is a good tool, but some issues had to be addressed (e.g. simplify work for developers of analysis).

Marco Cl.: which authentication for the REST API?

We can have different authentication mechanisms (e.g. Shibboleth for web and keys for REST)

Joel: we need to use CERN provided tools when we go in production

Marco Cl: migration of the DB?

The new schema is slightly different from the old one so we need to copy the data.

Round Table

Marco Cl.

- Gaudi
 - ◆ minor fixes
 - ◆ merged v26r1 on dev/hive (the other way around is much more complicated)
 - ◆ few patches/bug fixes pending, to be addressed soon
- Nightly Builds
 - ◆ rewriting the core logic (LBCORE-110 [↗](#), LBCORE-420 [↗](#)), first step towards several other improvements and fixes
- Working a bit on LBCORE-729 [↗](#) (GIT mirrors of LHCb projects)
 - ◆ prepared a script to create a initial git repository with all tags of a project, just as a starting point
 - ◆ prepared a script to bind the git repository to the trunk on svn (using git-svn), clean up of trunk may be needed
 - ◆ minor details to be sorted out before commissioning
 - ◆ Marco Ca.: we should prepare a prototype to collect feed back

Markus

- Preparing a new Online this week.

Illya

- Completed the work on concurrency control in GaudiHive (presented at the Concurrency Forum)
- Starting work on GPU integration in GaudiHive

Gloria

- Used particle gun in Gauss to analyze correlations in random number generator (presented yesterday), probably not really affecting our physics simulation.
- Testing a new/better random generator.

It's time to migrate to CLHEP 2 (create a JIRA ticket for the task).

Marco Ca.

- Stack ready to be releases

Liang

- Added Erschell detector to CondDB for tests.
- Updating CondDBUI tools for split Hlt support.

Ben

- CernVM User Workshop tomorrow.

Sasha

- Prepared a patch for Gaudi to support std::tuple in option parsers.

Sebastien

- Fixed a couple of issues in lbpkr.

-- MarcoClemencic - 2015-03-04

This topic: LHCb > CoreSoftwareMeetingMinutes20150304

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