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LHCb Core Software Meeting

Date and Location

18-Jul-2012 [📅](#)
10:30 - 11:22
CERN (2-R-030)

Attendees

Ben Couturier, Gaylord Cherenney, Gloria Corti, Illya Shapoval, Marco Cattaneo, Marco Clemencic (minutes), Markus Frank, Wojciech Fijolek

Subjects

News

- SFT (possibly) in charge of building EMI middleware (e.g. for Python bindings)
- Inconsistencies in some Python-related packages in LCGCMT 64. The fixes are available but require a new stack.
- Bugfix release of ROOT: 5.34/01 [↗](#)

Marco Ca.: we might want to do a release of DaVinci (discuss at PAC).

Proposal for the new LHCb web site based on Drupal

- <http://lhcb-dev.web.cern.ch>

Notes:

- Marco Cl.: the login link is too close to the search field
- Marco Ca.: we should populate the releases from a cron job (avoid authentication)
- Ben: can we extract dependency informations from Drupal? Can Drupal get them from somewhere else? (it would be better to have a single source of information)
- Gloria: we should not forget the special case of packages. Marco Cl. says that we should treat the DBASE/PARAM packages as projects without a substructure.

Round Table

Marco Cl.

- Updated Eclipse shared installation
 - ◆ use with `eclipse --eclipse-version dev`
 - ◆ based on Eclipse 4.2 (Juno)
 - ◆ reorganization of LHCb plugins, fixing the problem of dependencies on external versions (see EclipseTutorial)
 - ◆ new update site (see EclipseConfiguration)
- Implemented a mechanism to be able to release all Boost memory pools in one call
- Created a shared GIT repository for testing many-cores demonstrators (<http://cern.ch/gaudi/GaudiMC.git>). Writable by a small group of people in SFT.
- Planning to migrate our custom builds of Geant4 from CMT to (native) CMake. Geant4 developers will be happy to integrate our contributions.

Ben

- Vladimir reported problem with ProdConf and FSR
 - ◆ Gloria: the problem is the memory usage with the merging of FSRs (submitting a bug report). The only work-around is to reduce the number of input files to merging.

Marco Ca.

- We need more build machines. In the last weeks the results are coming too late. Also the releases are taking too much time.

Gloria

- Sit down and solve the inclusion in Gauss of fixes to LCG_Interfaces.

Illya

- On Saturday night there was a problem with corrupted ONLINE snapshot distributed to the world.
 - ◆ Fixed and added a protection to avoid distribution of corrupted files.

Gloria: there is a patch for the upgrade DB, can we show to Sajan the procedure?

Illya: it's a too complex special case for initial training.

-- MarcoClemencic - 18-Jul-2012

This topic: LHCb > CoreSoftwareMeetingMinutes20120718

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