

Table of Contents

| | |
|--|----------|
| LHCb Core Software Meeting..... | 1 |
| Date and Location..... | 1 |
| Attendees..... | 1 |
| Subjects..... | 1 |
| News..... | 2 |
| Software Releases..... | 3 |
| Gaudi (Marco Cl.)..... | 3 |
| LHCb, Boole, Brunel (Marco Ca.)..... | 3 |
| Gauss (Gloria)..... | 3 |
| HLT (Patrick)..... | 3 |
| DaVinci (Juan)..... | 3 |
| Online (Markus)..... | 3 |
| Panoramix (Thomas)..... | 3 |
| Migration to SLC5..... | 4 |
| Round Table..... | 5 |

LHCb Core Software Meeting

Date and Location

13 May 2009 [📅](#)
10:30 - 12:00
CERN (2-R-030)

Attendees

Gloria, Hubert, Joel, Juan, Karol, Marco Ca., Marco Cl. (minutes), Markus, Patrick, Thomas

Subjects

News

- LCGCMT 56a [↗](#) should be ready by the end of the day

Software Releases

Gaudi (Marco Cl.)

- Gaudi could be tagged (v21r1) by the end of the week.

LHCb, Boole, Brunel (Marco Ca.)

- Release done in a hurry for FEST.
 - ◆ Most of the stack should be ready by the end of the week.

Gauss (Gloria)

- Hunting bugs
- Next Gauss will be based on Gaudi v21r1, using the new Geant4
 - ◆ Geant4 is being added to our nightly builds for quicker validation
 - ◆ DecFiles should be tested in the nightly builds tooMarco Ca. will copy the current \$LHCBDEV/DBASE to \$LHCBDEV/nightlies/DBASE, so that we can separate what we want to test in the nightlies and what belongs only to \$LHCVBDEV
- Preparing options for test productions.

HLT (Patrick)

- Tagged on Friday and released.
 - ◆ It includes new bandwidth divisions for Hlt1

DaVinci (Juan)

- Released Analysis and Phys for FEST. DaVinci should be released during the day.
- New extra features in Analysis (not used by default).
- PhysDesktop is deprecated, now the code is in DVAlgorithm.

Online (Markus)

- Installed in the PIT
- Discussion on re-packaging of the project. Should be split in an "externals-like" part (without dependencies) and a part that depends on LHCb.

Panoramix (Thomas)

- Ready to be released
- Some libraries needed by OnX and OpenScientist are missing on SLC5.

Migration to SLC5

Marco Ca. and Joel remind that we have to provide feedback about the migration to SLC5 by the end of the month (May).

Gloria reported that the Generators were compiled only for i686. The request for x86_64 has been made.

Marco Cl. tried to use some LHCb applications compiled for SLC4 on a plain (minimal) installation of SL5 (not the CERN customization). He managed to collect a list of libraries that are needed from the SLC4 system for both i686 and x86_64. A work-around is needed because of a bug in LCG_Settings that is triggered by the presence of the system compiler (gcc-4.1).

Hubert described the way we are going to distribute the needed libraries and the work-around for the configuration. A new package called `Compat` and included in PARAM will be automatically downloaded by `install_project.py` and used by `LbLogin` if the requested CMTCONFIG is different from the native one.

Round Table

Hubert

- ◇ finishing the build of the stack
- ◇ fixing the release scripts for the new CMTCONFIG format

Joel

Produced (merged and distributed) the 10M events with and without MC truth.

-- MarcoClemencic - 19 May 2009

This topic: LHCb > CoreSoftwareMeetingMinutes20090513

Topic revision: r1 - 2009-05-19 - MarcoClemencic



Copyright &© 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
Ideas, requests, problems regarding TWiki? Send feedback