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LHCb Core Software Meeting

Date and Location

23 May 2007
10:30 - 11:30
CERN (2-R-030)

Attendees

Gloria, Hubert, Marco Ca., Marco Cl. (minutes), Markus, Matt, Philippe, Stefan, Thomas

Subjects

News

- LCG 52 released. Changes (binary compatible v.r.t. LCG 51)
 - ◆ Oracle
 - ◆ CORAL (bugfix)
 - ◆ POOL (bugfix)

Marco Ca.: (in reply to Stefan request for a list of used externals) It is easy to find the externals used "officially" by LHCb. Unfortunately is almost impossible to know what end users are using for their personal purposes.

Software Releases

Gaudi (Hubert)

- Freezing v19r4 today
- Applied patches
 - ◆ patch #1134 [↗](#) Automatic usage of rootOnTES in GaudiAlgorithm
 - ◆ patch #1157 [↗](#) Harmonize Service/AlgTool/Algorithm OutputLevel "interface"
 - ◆ patch #1159 [↗](#) Merging files during build procedure
 - ◆ patch #1166 [↗](#) Further subdivision of Parser cpp files (ParseVectors.cpp)

LHCb, Boole, Brunel (Marco Ca.)

- Released new version of LHCb, Boole and Brunel for Tracking
- Boole and Brunel now feature a complete Doxygen documentation (including all used projects)
 - ◆ takes more time and more space
 - ◆ the other applications should do the same
- Using the TimingAuditor instead of GaudiSequencer timing functionality
 - ◆ we may remove the timing functionalities from GaudiSequencer
- Released the first version of the project "Alignment"

Gauss (Gloria)

- Hubert deployed Gauss v25r10 on Monday (last DC06 version)
- Concentrating on Gauss v30

Thomas is working to extract visualization XML from the obsolete XmlDDDB.

Panoramix (Thomas)

- Preparing next release
 - ◆ to be tested without and with PHYS
 - ◆ ONLINE should be added

Marco Ca.: we may need a re-organization of ONLINE to factor out what is needed by Panoramix.

Round Table

Hubert

A new CMT tag has been introduced in LCGCMT to allow to use a single requirements file for both ROOT 5.14 and 5.15. The default is currently pointing to ROOT 5.15 and we have to add the tag ROOT_LT_5_15 to be able to compile.

We agreed that the default behavior should be to use ROOT 5.14 and use the extra tag to test the new version.

Stefan

Will implement the changes recently requested on G.O.D. (automatic conversion from string to enum)

Marco Ca.

We should think about how to proceed with the new Track classes (resurrect the idea of having different persistent and transient formats?)

-- MarcoClemencic - 29 May 2007

This topic: LHCb > CoreSoftwareMeetingMinutes20070523

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