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LHCb Core Software Meeting

Date and Location

11 Feb 2009 [🔗](#)
10:30 - 12:00
CERN (2-R-030)

Attendees

Gloria, Hubert, Joel, Marco Ca., Marco Cl. (minutes), Markus, Patrick (EVO)

Subjects

Software Releases

Gaudi (Marco Cl.)

- Starting to attack the factorization of common methods to move the to base classes (Algorithm, Service, AlgTool, Auditor).
Marco Ca.: suggests to add the missing method "Info()" as suggested on savannah[↗](#)
- Moved the implementation of the methods `addRef` and `release` to the templated base classes `implements` (except the non trivial one in `Service`). Added the method `refCount` too.

Marco Ca.: suggests to start ASAP a twiki page to describe the steps needed to migrate to Gaudi v21 (with both the things that will break and the best practice suggestions).

LHCb, Boole, Brunel (Marco Ca.)

- Released Boole v17r2p1 [↗](#) for the new FEST production.
- We need a new release of the complete stack for Data Quality tasks. To be ready by the end of next week so that Hubert can start the build on the following Monday.
- Preparing the special package (in DBASE) for the job options used in production (with one subdirectory per application).

Gauss (Gloria)

- Release being finalized: Gauss v36r2 [↗](#). FEST options and minor additions.
- The next release will be on the next LHCb.

HLT (Patrick)

- Aiming to get Moore ready with LHCb.

DaVinci (Patrick)

- Juan is chasing a bug that must be fixed for the next release.

Online (Markus)

- Tried with the latest Gaudi (v20r4): it works.

Marco Cl.: We need to include Carmen's server in the release of Online.
OK, if it work out of the box (can be disabled on Win32).

Round Table

Marco Cl.

- ◇ Preparing the release of SQLDDDB: fixes for OT and beampipe, first production tags for SIMCOND.
Marco Ca.: What about The Muon? We cannot wait for the fix otherwise we do not test the others.
- ◇ Restructured the ODIN encoding-decoding, now in LHCbAlgs.

Hubert

- ◇ 3 releases: Moore v6r0 [↗](#), Boole v17r2p1 [↗](#) and Gauss v36r2 [↗](#).
To be remembered: we need a grid certificate to release DecFiles because of the interaction with the bookkeeping.
- ◇ New version of LHCbGrid in \$LHCBDEV.
Marco Ca.: it should be integrated in the login, so that we get the correct version of CASTOR without having to call SetupProject (qmtest procedure). Side note: we have a problem with LCG_Interface packages. They behave differently if they are in a project with or without install area. For LHCbGrid is fine, but cannot be included in Dirac for testing.
- ◇ LbScript:
 - v2r4 to be released (works on Windows)
 - v3 will contain the legacy scripts.
They should be added to v2r4 too so that the early adopters can check what is missing before v3.
- ◇ Asked Karol to have a time-out on the actions of the nightly builds (Moore get stuck blocking the whole build).
We should also discover why Moore needs to run a multi-threaded python script during the build.

Joel

The 2nd Windows build machine has arrived (Hubert is preparing it). Stefan asked if SFT can use it; they can as long as the load is not preventing us to use it. Note: installed version of VisualStudio will be 2008 Express (the free one).

Marco Ca.

- ◇ What about the nightlies on SLC5? Is the CVS problem solved?
Joel: a fix exists, at least on the Atlas build machine. We will ask for the same fix on ours.
- ◇ What about the migration of (hn-)lhcb-core-soft to e-groups?
Not done yet, but Joel will check.

-- MarcoClemencic - 11 Feb 2009

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