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LHCb Core Software Meeting

Date and Location

20-Nov-2013
10:30 - 11:30
CERN (2-R-030)

Attendees

Liang Sun, Ilya Shapoval, Gloria Corti, Marco Cattaneo, Joel Closier, Markus Frank, Rob Lambert (Vidyo), Bram Bouwen (Vidyo), Marco Clemencic , Ben Couturier (minutes)

Subjects

Round Table

Illya

- Ariadne
 - ◆ Joel update certificates for Ariadne to avoid Browser warning messages
 - ◆ Authorization to update the data narrowed thto lhcb-cvmfs-managers as requested during workshop

Gloria

- Issue of tests with different results on different machines being investigated.
- Geant4 Release 10 will come out soon: Porting GiGa to the new version is going to be a lot of work and is unlikely to happen next year.

Joel

- Working on the puppet configuration for vbox and build machines
- ITUM is tomorrow afternoon

Bram

- Continuing Loki work

Marco Clemencic

- Gaudi
 - ◆ Tagged v24r1 (v23r10 + ATLAS patches)
 - ◆ v25 will feature ROOT6
- ROOT 6 * The first beta version will be tagged one week from now, it is progressing little by little. * There are still some issue with python integration * Dictionaries are extremely slow, but this is a known issue in the beta version

Ben

- LbScripts vv7r9p2 ready for production release. Will be done this afternoon
- Test of new CombineParticles presented to the PPTS
- Valgrind tests of Gauss DBG did not finish, and had to be killed after ~36 hours (for 1 event!!!)
- Rob Currie and Silvia working with LHCbPR

Discussion on resources needed for the nightly builds

Rob: There are currently not enough resources for nightly builds, they finish very late. This is partly due to the increasing number of tests. Joel: Working on the puppet configuration of new machines, this is anyway needed before we install news machines. Marco/Ben: Currently working on separation of builds/tests in the nightlies. Furthermore the functionality should be offered to change the frequency on integration tests. This will already ease the problem when deployed, in a few weeks time Markus: Why are we doing the _dbg tests at all, we could save time by not doing them, or at least run them afterwards.

In the discussion the idea came to actually use lxbatch for the tests, this would avoid dedicating resources for the builds that are taken from the quota. Ben: Openstack machines could also be used, even though IT have warned us that the IO performance is not great. (Marco: 40GB of disk should be enough for 1 or 2 slots)

-- BenjaminCouturier - 20 Nov 2013

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