
Applications Area News

- ◆ Release Status and Plans
- ◆ Persistency Framework project
- ◆ PH R& Projects

AA meeting, 30 July 2008
P. Mato/CERN



Release Status and Plans

- ◆ LCG_55 (de-Sealed version)
 - Based on ROOT 5.18/00d with new versions of POOL, CORAL, COOL having removed the dependencies to SEAL
 - Released middle of June
- ◆ LCG_55a
 - Move to common version of HepMC (2.03.09). New RELAX dictionary for HepMC
 - Released last week
 - Used by LHCb (startup version)
 - ATLAS will move to it later in Autumn. No information from CMS.
- ◆ Keep in parallel 54 and 55 series for a while
 - Changes in CORAL/COOL need to be back-ported to both

Persistency Framework Project

◆ Organizational Changes

- Dirk Duellmann is moving into other data management projects in IT-DM group
- Andrea Valassi will replace him as LCG persistency project leader
- The structure and the responsibilities inside the project remains unchanged:
 - » Witek Pokorski as main responsible for POOL
 - » Zsolt Molnar as main responsible for CORAL
 - » and Andrea Valassi as responsible for COOL

◆ Take the opportunity to thank Dirk for his work and dedication over the last many years that has made possible that experiments are basically ready with the persistency software to take first data

News on the R&D Projects

◆ Virtualization R&D Project

- Made available the release of version 0.6
 - » Support for all 4 experiments
 - » Tested with VMWare and Xen 3.1
 - » Almost all known issues resolved
- Presentations to LHCb and Alice
- Now preparing 0.7 release (04.08.2008)
- New version of CernVM Web file system well advanced

◆ Multi-core R&D Project

- Following the Geant4 multi-thread developments (Xing Dong)
- Investigating at allocators and memory management for multi-threading
- Mailing list: rd-multicore@cern.ch

