BeamtestRelease weekly

Michael Kuss

INFN Pisa

LAT Ground Software Telecon
VRVS
6 April 2006
Objective

Bundle in one place:

- all packages needed to simulate the beamtest
- all packages needed to reconstruct beamtest data
- all packages needed to calibrate the CU
- all packages needed to high-level analyze the beamtest results
First Try

BeamtestRelease v1r0801p0 (29 Mar 2006):

- based on GR v8r1
- + beamtest06 v4r0
  - commonRootData v2r6p1
  - mcRootData v2r19p5
  - + IExternal/Geant4UI

what does not work:

- build on windows
- Idf2digi with Trigger v4r6p1, but works with Trigger v4r2
Infrastructure

- Release Manager
- System Tests
- Documentation/Communication
  - mailing list beamlist@slac.stanford.edu
  - confluence: https://confluence.slac.stanford.edu/display/BeamTest/Home
  - workbook
Upcoming …

- BeamtestRelease HEAD
  - RootAnalysis v8r8p4
  - calibGenACD v1r2
  - calibGenCAL v3r9p1
  - calibGenTKR v3r0p2
  - svac/EngineeringModelRoot v1r14
- beamtest06 HEAD
  - cuts on beam dump
  - random numbers
- CalRecon HEAD
  - geometry from xml (before 4x4)
- the big merge: geant4, gaudi, CLHEP, ROOT, …