Discussions on Doc

• Documentation issues
  – Doxygen not visible anywhere
    • Repaired scripts to auto-produce Doxygen output from checkout packages
    • Identify packages with no (useful) doc and pester package owners
  – Create block diagram of code flow in pdrApp
  – Follow up on dependency map
    • Extend to packages and shared libs
  – Document DataManager & ReleaseManager with links on software page Projects list

• Bug Tracking
  – Commission comparison of Remedy vs Bugzilla
    • SLAC MS student
  – Investigate possible $$ (if any) cost of using Remedy
  – Will have to think carefully about how to use it – has failed for other experiments in the past

• Code Cleanup week?
  – Naming conventions etc
  – Convert to standard units
  – Address selected architecture fixes?
Other Issues

• How should Recon evolve?
  – Global Recon or simple iterative?
  – We’ll need to redefine the Recon output classes
  – Should also be looking at event header info; what HSK to reserve space for and so on.

• GEANT4 Migration
  – How to fit it into our system?
    • New geometry tools
    • Full accounting Hits
    • Available as Gaudi algorithm and putting Hits on the TDS with persistent Root version
    • Separate Digis step, with TDS & PDS versions
    • Recon eats new Digis
  – Working meeting on Monday to focus the effort

• These are inter-subsystem issues
  – Will need to commission the subsystems plus some folks knowledgeable about the end analysis

• Architecture
  – We have gathered up observations about the system which have identified features we must address

R.Dubois
Wrap-up

- PDR work is in the home stretch
  - Next up is PSF evaluation

- TKR group well on its way in design of revised Recon

- Next iteration is ready to go with the infrastructure
  - Gaudi, Root I/O, etc
  - didn’t expect to get it right the first time!

  - We succeeded in producing the 50M events for PDR (twice!)

  - More focus on bringing G4 online

- We are thin on support
  - More people need to get expert with the system to spread the load
  - We need to improve the doc to let this happen
  - Need more experts to have time to improve the doc. Go to step 1.
  - Too many areas have single experts
  - We need to relieve Toby of tools support so he can concentrate on Architecting!

- We peaked out at 30+ attendees
  - Does this format work?
  - Obviously we miss out on a lot of spontaneous personal contact