



GDB

Introduction

*Kors Bos, NIKHEF, Amsterdam
GDB meeting @CERN, Nov.8, 2006
Bld 60-6-002*



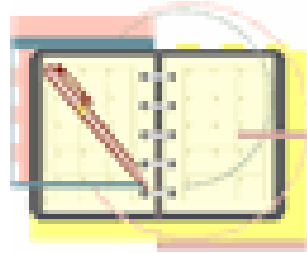
From the last meeting

- **Minutes** of the Oct. meeting at the GDB wiki page
 - <https://twiki.cern.ch/twiki/bin/view/LCG/GridDeploymentBoard>
 - Comments ?
 - Thank you Jeremy Coles !!
- Minutes, Summary and Actions now also on GDB wiki
 - <https://twiki.cern.ch/twiki/bin/view/LCG/GridDeploymentBoard>
- **Actions** from Oct. meeting:
 - <https://twiki.cern.ch/twiki/bin/view/LCG/GdBActionList>



Dates for 2006

GDB



- Nov 12-16 SuperComputing Talpa(FI)
- Dec 1-3 Asian Tier-2 workshop in Mumbai
<http://indico.cern.ch/conferenceTimeTable.py?confId=5490>
- Dec 5 pre-GDB meeting IT Aud.
<http://indico.cern.ch/conferenceDisplay.py?confId=a058492>
- Dec 6 GDB @CERN IT Aud.
<http://indico.cern.ch/conferenceDisplay.py?confId=a057712>



GDB meetings in 2007

GDB

To avoid confusion in 2007,
the GDB is

always on the first Wednesday of the month

Do we want to tentatively schedule pre-GDB mtngs

Decide
before
the end
of 2006

- January 10
- February 7
- March 7
- April 4 in Prague
- May 2
- June 6
- July 4
- August 1 (probably not)
- August 31 in Vancouver
- ~~• September 5~~
- October 3
- November 7
- December 5

The CERN IT Auditorium has been reserved those days



Again and again and again ...

GDB

CERN migration to SLC4

- Change to SL4 64-bits needs a new version of VDT
- Distribution still expected “in October”? 31st of October?
- Some LXPLUS and BATCH nodes already on SL4
- SLC4 full rollout at CERN still “in the autumn” ?
- Well planned transition period:
 - When do the sites change over ?
 - When do the LHC experiments change over ?
 - When do we stop the WLCG support for the SL3 version ?
 - May have different timing for EGEE ...

Markus will discuss this





Large Files

GDB

- Small files are
 - Takes more time to transfer (tcp/ip protocol)
 - Takes more time&space to store, specially on tape
 - Takes more time&effort to retrieve from tape
 - You get too many of them ...
- Bigger files are
 - More appropriate for raw data transfer & storage
 - T0-T1 raw data data distribution
 - Useful for dataset definition: grouping of files
 - All ESD data belonging to one luminosity record (Atlas)
 - and ESD data goes to all Tier-1's but also to many Tier-2's
- But bigger files are also
 - More difficult to copy into your (AFS) home directory .. Quota!
 - More difficult to copy onto your laptop



My Message about Files Sizes

- What are the limiting factors? Applications?
- What is the optimum file size? Minimum?, Maximum?
- David Malon (ANL) created an ATLAS wiki page
 - <https://uimon.cern.ch/twiki/bin/view/Atlas/LargeFileConsiderations>
- Alexei Klimentov (BNL) will present ATLAS tests
- Can the other experiments also do some tests?



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Alexei will discuss this



MegaTable

- Chris Eck will explain this today: ‘almost final’ numbers
- The MegaTable contains resource requirements and pledges
- Proposal to use the next (pre-)GDB in December for each of the experiments to explain their numbers
- And for the sites to compare to their pledges
- The MB meeting afterwards could then be used to decide that these are the numbers we will work with
- Let’s discuss this after Chris’ presentation



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End of Introduction

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Changes and apologies

GDB

- Apologies received
 - *Dave Kelsey (RAL)*
 - *Ian Bird (CERN)*
 - *Christoph Grab*



Other possible subjects

may be deferred to the next meeting

GDB

- Monitoring @HEPiX (Ian)
- 3D project (Dirk)
- VOM(R)S