



GDB

Introduction

*Kors Bos, NIKHEF, Amsterdam
GDB Meeting in Lyon, March 16, 2005*

Many thanks to our Lyon colleagues to host us !!



Latest and next meetings



Minutes of the meeting:

<http://agenda.cern.ch/askArchive.php?base=agenda&categ=a045319&id=a045319/minutes>

- **Can they be approved?**
- **thanks to Jeremy Coles !**

More changes to the GDB website

- **Service Challenge pages in the make**
- **More information in the networking working group**

Next meetings:

- **No GDB meeting in April !!**
- **Next GDB meeting May 18 at CERN**
 - <http://agenda.cern.ch/fullAgenda.php?ida=a045322>
- **Storage management workshop April 5-7 at CERN**
- **T0/T1 networking group meeting in Amsterdam April 8**
 - <http://agenda.cern.ch/fullAgenda.php?ida=a051534>
- **Service Challenge meeting in April in Taipei during LCG ws**
 - <http://agenda.cern.ch/fullAgenda.php?ida=a051048>
- **Page with all meetings**
 - <http://agenda.cern.ch/displayLevel.php?fid=31181>



This meeting

<http://agenda.cern.ch/fullAgenda.php?ida=a045320>

GDB

This meeting:

- **US**
- **France**

Waiting in queue:

- **Accounting (needed for C-RRB)**
- **Resources estimates from the P2P group (needed for the C-RRB)**
- **Technical Design Reports (LCG one ready in May)**
- **Networking (draft architecture ready)**
- **Security (overview of accepted policies)**
- **Quattor working group (report on progress)**
- **Working group on baseline software**
- **Scientific Linux (versions, usage)**
- **Tier-2 sites**



Expansion of the GDB



Now, GDB has a per-country representation: one official representative per country with one replacement. We don't want to change that?

Service Challenges put strong emphasis on Tier-1 sites (and soon also on Tier-2 sites) with important issues like networking, mass storage, software, resources, etc.

Proposal: to expand the GDB membership with (at most) one or two people per Tier-1 site if that is thought to be appropriate. If you agree, I then expect proposals for names from the current GDB representatives.

The GDB meetings are public and the agenda is made available well in advance. When appropriate, ad hoc participation of other people is encouraged.



List of Tier-2 sites

<http://lcg.web.cern.ch/LCG/PEB/gdb/LCG-Tiers.htm>

GDB

Much debated ☺ but much requested also

Now request for two more columns:

- Contact email address (may be known to the ROC already)
- Funding Agency (for resources estimation)

At the top of the table it reads:

- This list a compilation of information requested by the network subgroup and has no official meaning and is certainly no commitment for the institutes listed here.
- The Tier 1 and 2 sites are ordered as much as possible by country which however doesn't mean to suggest a close Tier 1 to 2 relationship.
- Entries in *Italic* are still under discussion and thus uncertain.

Anything else needed to be said?

Can it be made more public now?



Accounting

<http://goc.grid-support.ac.uk/gridsite/accounting/>

GDB

Has much improved recently:

- **Italy now reports (almost automatic)**
- **Still missing: US and Scandinavians**

For the immediate future:

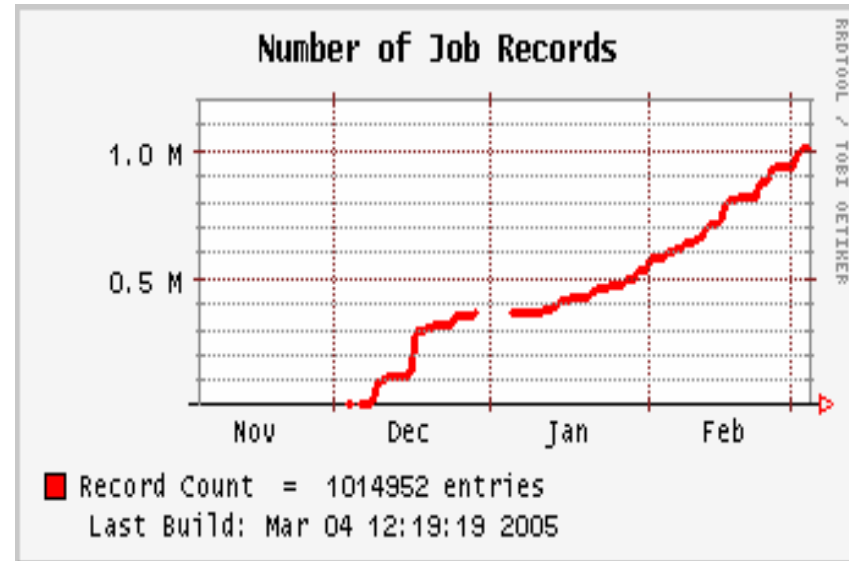
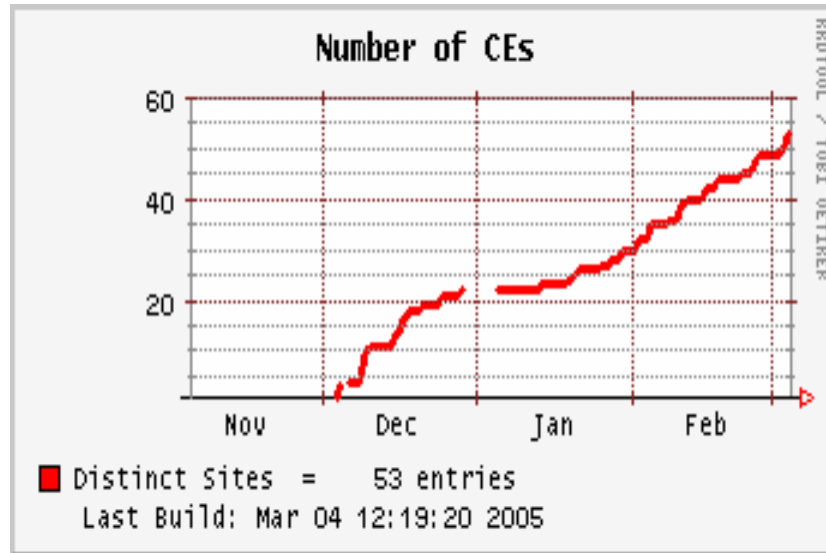
- **Report needs to be written this month**
- **Presentation at the C-RRB on April 19**
- **Pages have a strong EGEE flavor**
- **Need dedicated LHC pages, tables**

For thought:

- **How to be treated in MoU?**
- **Units: GHzHour? \$\$? €€? LCG-units?**
- **Normalisation?**
- **Also count disk/tape storage? Network? Manpower?**



Accounting information increase **GDB**



- Accounting service released in mid November 2004
- 20 Sites 350,000 job records by Xmas 2004
- 50 sites, 1,000,000 job records by March 2005
- ~20 new sites per month and 50K new job records



Security

GDB

Joint Security Policy Working Group

- **Document on Site Registration Policy and Procedures**
 - https://edms.cern.ch/file/503198/1/Site_Registration.doc
- You were asked to read it?
- More information needed? → Dave Kelsey
- Can we endorse it?

Overview presentation of current policies (Dave? Next mtng?)



Storage Management Workshop

<http://agenda.cern.ch/fullAgenda.php?ida=a051050>

GDB

April 5-7 at CERN (IT-Auditorium)

Discuss more on storage issues:

- **Focus on immediate needs for SCs**
- **gridFTP, gLite FTS, etc.**
- **SRM, Castor, HPSS, dCache, DPM, Xrootd, SRB, etc**
- **File catalogues, LFC, Pool, etc.**
- **Requirements from LHC experiments**
- **Baseline software choices**

Also:

[IEEE mass storage workshop June 19-25 2005, Sardinia, Italy](#)



Baseline Middleware Components **GDB**

Small group to propose choices and timing:

- **In the TDR**
- **For initial LCG running**
- **To be installed at Cern and all participating sites**
- **Middleware components**
- **Other services (os, compilers, batch systems, networking,)**

Group has been formed and met a few times

With GDB representation

Ian Bird will report at the next meeting (or by email beforehand)

Ian, you want to say anything here and now?