



PEB - 6 July 2004

# ATLAS comments on IT/DB plans

6 July 2004

Dario Barberis

CERN & Genoa



# ATLAS comments (1)

---

1. It looks like the CERN IT/DB database services evolution proposal assumes that only Tier-0 exists in the LHC Computing Grid model. How will CERN IT/DB services be integrated in the LCG model?
2. We would like to see a better roadmap for the Distributed Database Services required by ATLAS Computing Model; in particular the non-ATLAS specific heterogeneous database replication requirements should be addressed in the CERN IT/DB database services plan.
3. We are also against the proposed early locking on technology for some of the central high availability services. Instead, we propose to add the technology evaluation activities to the CERN IT/DB plan.



## ATLAS comments (2)

---

### 4. Where is MySQL?

- MySQL is supported by the experiments alone, despite repeated requests for IT/DB assistance
- ATLAS supports MySQL on machines from ATLAS's allocation of IT/DB data servers
- IT/DB *itself* requires MySQL support for its flagship development project: POOL
- POOL is now scaling up its regression testing of RDBMS based services, including multi-vendor support, meaning MySQL as well as Oracle
  - much of the support for this comes from ATLAS!

### 5. We expect the new distributed database project will be a useful forum for reviewing experiment needs in database services and resolving how they can be met