



Database Mini-Review - 23rd Sept. 1997

BABAR OO Databases - Online

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Overview

- Online-specific databases
 - Not Event Store
 - Not Conditions Database
- An attempt some time ago at enumerating them



Data must have a single source

- Conditions DB captures time history
 - Can go back in time and ask what the conditions (trigger, beam, voltages, etc.) were.
- Not necessarily the primary source
 - But could in some cases be used in this manner
- Primary source must have a mechanism for setting the values
 - Human interface
 - Automatic interrogation of hardware
- Mechanism for extracting information from primary source to insert into Conditions DB

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Online Databases

- Partition
 - Static & Dynamic
- Electronics
- Inventory
- Run Type
- Trigger
- Detector Controls Settings & Values
- Boot (ROM & ROC)
- Scripts

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Online Databases (2)

- Electronic Logbook
- Help
- Intermediate databases
 - Interface between hardware & true database if necessary

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Summary

- Little effort up until now
 - Some work in Detector Controls & Dataflow
- New Hire to replace Pavel Binko targeted to work on them (50% level)
- Regular discussions between online & database just started

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