

POOL

- ◆ POOL seems to be a stable/mature product, but continued maintenance is essential
- ◆ There is consensus within the committee that Pool needs to support some level of schema evolution. It must at least support the automatic schema evolution that is supported natively in root.
- ◆ At the moment pool can support user call backs at input time for top level objects, however this does not completely help with the schema evolution problem. If call backs could be registered for all non-native types in the object hierarchy then the users could handle some amount of transient to persistent mapping themselves.
- ◆ More investigation with the experiments about the details of this should be pursued by the pool team.
- ◆ It was mentioned that since the TFC (trivial file catalog) is a real pool catalog, there maybe interest in it outside of CMS. A presentation of it could be arranged to see if so.

CORAL

- ◆ The separation of the release cycle of CORAL from the cycle of POOL seems to work well
- ◆ The committee endorses the recent adoption of additional data bases (like Frontier).
- ◆ Did we hear correctly that you are considering another layer of abstraction between CORAL and the data bases? If so is this really needed?, especially given the limitations of manpower resources.
- ◆ At this point, the emphasize should be on stability.

COOL

- ◆ The manpower situation is critical, with
 - ◆ the ATLAS developer dropping out;
 - ◆ major functionality still required for ATLAS and LHCb;
 - ◆ the time line risks being pushed far into 2007;
- ◆ We therefore recommend that you attempt to reallocate some developer from within AA (e.g. from ROOT/PROOF, if expertise overlaps), as well as underline importance of input from experiments
- ◆ The documentation appears reasonable
- ◆ Communication with the experiments on this subject of feature enhancements vs. the need for stability is essential to minimize the disruption to the experiments especially during the critical period of LHC startup.
- ◆ Is there duplication of effort between PyCool and PyPool?
- ◆ How far has scalability been tested? It looks like there are still a number of scalability issues in COOL (A. Valassi, page 25)!