



Meeting on PROOF/ALICE

Massimo Lamanna / IT

- PROOF meeting; March 28
 - Present: Federico Carminati, Fons Rademakers, John Harvey, Pere Mato, Juergen Knobloch, Les Robertson, Tony Cass, Bernd Panzer-Steindel, Massimo Lamanna
- The main issues discussed:
 - Configuration/operations of the ALICE CPU share into a PROOF farm
 - PROOF analysis facility tests



Report on the discussion

- PH
 - PROOF team integrated in ROOT (Application area)
 - People involved: 2 staff, doctoral student and a Marie-Curie fellow (not yet arrived)
 - PH is continuing this activity. On a longer scale (1-2 years?) countercheck PROOF adoption
- ALICE:
 - PROOF only at CAF
 - “Unscheduled” work: 20% of the total size 9-month-a-year
 - 2-3 users per sub detector - 15 sub detectors (50-100 people)
 - Organised activity (managed by ALICE to allow selected people to go fast through the data)
 - Data are predistributed on local disks and then accessed
 - All software is dispatched and cached by the PROOF infrastructure
 - Same hardware as in lxbatch
 - Up to 4 cores the existing config (1 disk) looks viable (to be tested)
 - no grid jobs onto the CAF
- PROOF programme of work (6-month scale)
 - Robustness (main focus)
 - Scheduling (doct student)
- Actions
 - PH: organise a presentation (AA meeting?)
 - PROOF team: produce a programme of work by mid April to continue discussions
 - Exploratory work on IT side starting:
 - Need of suitable RPMs: packaging issues → repository → installable
 - Understand config for failure/reconfig in case of a node change
 - Monitor hooks: Lemon can monitor the basics - network, disks, cpu, .. (enough for IT)
 - The PROOF master should log connections to tie activity on a node at a given time to a particular user