

Follow-up: ATLAS-D Computing Workshop

NAF User Committee — 15th September 2010

Wolfgang Ehrenfeld
DESY

ATLAS-D Computing Workshop

On 19./20. July 2010 the ATLAS-D computing workshop was held in Zeuthen:

`https://indico.desy.de/conferenceOtherViews.py?view=standard&confId=3161`

It aimed at user analysis in the era of ATLAS data taking:
Grid, NAF, institues/desktops/laptops

The feedback for the NAF was mixed. In general it was working fine except for example

- lustre stability problems
- available disc space
- working environment (cmt, tools, ...)
- ...

Not too many people were working at the NAF.

Follow Up

The following list collects some of the NAF actions items:

- Lustre scratch space management
 - sudo rights for moving, deleting, changing user/group and access rights
 - we will do it on our own
- Monitoring (Load, IO, ...) accessible for outside
 - some of the available monitoring is not accessible from the outside, this needs to be changed for a national facility
 - better monitoring and presentation of different NAF components (login, work group servers, AFS, lustre instances, ...) → meta status
 - presentation of information at one place
 - monitoring of work group server, lustre system, batch system and dCache
- Software: - visualization and collaborative tools
 - collaborative tools: vnc and NX
 - visualisation: pdf viewer

dCache Tests

Gerhard Brand et al. have been running performance tests on Lustre and dCache. He is running them once in a while. Also his analysis is very well equipped for performance measurements.

Maybe he can present this in one of the next meetings.

In general the overall job efficiency is around 10%. In addition we see problems with overloaded dCache pools.

This needs to be followed up. Either here or directly with the dCache people.