

LHCb on the NAF

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- 50 TB on Lustre, user data
- 50 TB on dCache, (Monte Carlo, cosmics) data
- 80 cores

Usage:

- dCache: full
- Lustre: 0.5 TB.



- difficult to monitor LHCb usage of dCache
- difficult to manage LHCb data on dCache
- nr. of simultaneously running jobs limited (dCache configuration?)
- support for both slc4 & sl5 (tested in HD)
- slow connection (2 MB/s between HD & NAF)



- 50 TB on dCache in December
- 90 TB additional for 2010
- 80 cores for LHCb
- need to review division between Luster & dCache



Conclusions

- LHCb-Germany very happy with NAF
- Support from NAF excellent
- ready for data taking & analyses...



Requirements Tables

Resource	2009	2010	2011
Data space (TB)	60	180	240
User space (TB)	40	60	60
Total (TB) :	100	240	300

Resource	2009	2010	2011
# users	15	30	30
# cores (login)	20	40	40
# cores (batch)	60	120	120
Total	80	160	160

