

LHCb Computing Summary

Key Points

- DIRAC is a central job management service inside the LHCb experiment that is higher-level than LCG workload management tools
- GANGA is a simplified interface to the grid for end-user analysts.
- Expect “LHCb-specific agents” at “major sites”

Event Sizes

Evt Size	Aim(kB)	Current(kB)
RAW	25	35
rDST	25	8
DST	75	58

Processing Reqs.

(kSI2k/evt)

Evt Proc.	Aim	Current
Reconstr'n	2.4	2.7
Stripping	0.2	0.6
Analysis	0.3	??
Simulation	50	50

T2 Numbers

	2006	2007	2008
CPU*	2647	5306	8843
Disk(Tb)	7	14	23
Tape	None at T2s		

* CPU expressed in numbers of 2.4GHz Pentium 4s

Assume that CPU and Disk are totals across all T2s