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Monitoring the CDF distributed computing farms

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CDF is deploying a version of its analysis facility (CAF) at several globally
distributed sites. On top of the hardware at each of these sites is either an FBSNG
or Condor batch manager and a SAM data handling system which in some cases also
makes use of dCache.
The jobs which run at these sites also make use of a central database located at
Fermilab. Each of these systems has its own monitoring.
In order to maintain and effectively use the distributed system, it isimportant that
both the administrators and the users can get a complete global view of the system.
We will present a system which integrates the monitoring of all of these services
into one globally accessible system based on the Monalisa product. This system is
intended for administrators to monitor the system status and service level and for
users to better locate resources and monitor job progress.
In addition, it is meant to satisfy the request by the CDF International Finance
Committee that global computing resource usage by CDF can be audited.

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