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## CMS Dashboard of Grid Activity

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The CMS Dashboard project aims to provide a single entry point to the monitoring data collected from the CMS distributed computing system. The monitoring information collected in the CMS dashboard allows to follow the processing of the CMS jobs on the LCG, EGEE and OSG grid infrastructures. The Dashboard supports tracing of the job execution failures on the Grid and errors due to problems with the experiment-specific applications. In addition the Dashboard is able to present an estimation of the I/O rates between the worker nodes and data storage and helps keeping record of the sharing of the resources between production and analysis groups and different users. One of the final goals is to discover inefficiencies in the data distribution and problems in the data publishing.

The Dashboard data base combines the Grid-specific data from the Logging and Book-keeping system via RGMA and the CMS-specific data via Monalisa monitoring system. Web interface to the dashboard data base provides access to the monitoring data in the interactive mode and through the set of the predefined views. The interactive mode enables the possibility to get information in a detailed level, which is very important for tracking of various problems.

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