

Planning and tracking computing resources for CMS

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Resource tracking, like usage monitoring, relies on fine granularity information communicated by each site on the Grid. Data is later aggregated to be analysed under different perspectives to yield global figures which will be used for decision making. The dynamic information collected from distributed sites must therefore be comprehensive, pertinent and coherent with up stream (planning) and downstream (usage monitoring and controlling) processes.

This paper will present the status of monitoring the computing resources for CMS and outline its main problematic, including the definition of the metric for quantifying those resources. It will in particular focus on the recent actions that made this step more reliable and integratable into a wider resource management process.

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