

Towards a centralized Grid Speedometer

Given the distributed nature of the grid and the way CPU resources are pledged and scared around the globe, VO's are facing the challenge to monitor the use of these resources. For CMS and the operation of centralized workflows the monitoring of how many production jobs are running and pending in the Glidein WMS production pools is very important. The Dashboard SSB (Site Status Board) provides a very flexible framework to collect, aggregate and visualize data. The CMS production monitoring team uses the SSB to define the metrics that have to be monitored and the alarms that have to be set. During the integration of the CMS production monitoring into the SSB, several enhancements to the core functionality of the SSB were implemented; all in a generic way, so that other VOs using the SSB can use them as well. Alongside these enhancements, there were a few changes to the core of the SSB framework from which the CMS production team was able to benefit. We will present the details of the implementation and the advantages for current and future usage of the new features in the VO agnostics Dashboard.

- Track: Distributed Processing and Data Handling
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- Presentation Type: Parallel
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This topic: LCG > SSBCMSOperationsAbstract

Topic revision: r3 - 2013-03-27 - PabloSaiz



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