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## A high level monitoring tool for the site performance

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The CCRC08 experience was a very valuable benchmark for testing all Grid activities related to LHC experiments. In particular, it gave the opportunity to test the monitoring infrastructure and to evaluate its functionality both from the experiments and the sites point of view. On the basis of the feedback provided by site administrators, a new high level monitoring tool has been designed, which should offer an overall view of the computing activities of the experiments at the site.

### Impact

This new monitoring tool has been requested by site administrators in order to have an overall view of the activities of all the VOs served by the site from one unique interface. The impact of this work will result in an improved efficiency in detecting any problem in the site operations. Both the site administrator and the VO would have a benefit, since it would optimize the coordination between them and reduce the time needed to detect issues and trigger an activity to fix them.

### URL for further information

<http://arda-dashboard.cern.ch/>

### Conclusions and Future Work

A prototype has been developed and it will be delivered to users in short time, in order to have a feedback from them and improve the implementation according to their requirements.

### Keywords

monitoring,site performance,gridmap

### Detailed analysis

During the CCRC08 experience many different monitoring tools for Grid services were already in place and showed to work well, as well as the experiments specific monitoring systems. Nevertheless, in many situations site administrators were not able to say if their site was serving the VO well, since none of these tools provide an overall view of the performance of a site. According to the feedback of site administrators, the information published by the already existing monitoring systems should be integrated in a general high level tool which offers a generic view of the computing activities of the VOs at the site. The tool should be easy to use and it should enable the site administrator to monitor all the activities going on at the site, even if he is not an expert of them. The site performance relative to all the activities and all the VOs supported by the site is displayed through a Gridmap based on a shared database. A prototype for this monitoring tool has been developed.

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