

Factory Monitoring for the 21st century

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A key aspect of pilot-based grid operations are the pilot (glidein) factories. A proper and efficient use of any central blocks in the grid infrastructure is for operations inevitable, and glideinWMS factories are not the exception. The monitoring package for glideinWMS factory monitoring was originally developed when the factories were serving a couple of VO's and tens of sites. Nowadays with factories serving tens of VO's and hundreds of sites around the globe an update of the monitoring is due. Moreover with the new availability of industry and open source storage and graphing packages an opportunity remain open. In this work we present the changes made to factory monitoring to leverage different technologies: ElasticSearch, RabbitMQ, Grafana and influxDB to provide a centralized view of the status and work of several glideinWMS factories located in different continents of the globe.

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