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The CMS workload management system

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CMS has started the process of rolling out a new workload management system. This system is currently used for reprocessing and monte carlo production with tests under way using it for user analysis.

It was decided to combine, as much as possible, the production/processing, analysis and T0 codebases so as to reduce duplicated functionality and make best use of limited developer and testing resources.

This system now includes central request submission and management (Request Manager); a task queue for parcelling up and distributing work (WorkQueue) and agents which process requests by interfacing with disparate batch and storage resources (WMAgent).

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