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Experiment Dashboard Task Monitor for managing ATLAS user analysis on the Grid

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The organization of the distributed user analysis on the Worldwide LHC Computing Grid (WLCG) infrastructure is one of the most challenging tasks among the computing activities at the Large Hadron Collider. The Experiment Dashboard offers a solution that not only monitors but also manages (kill, resubmit) user tasks and jobs via a web interface. The ATLAS Dashboard Task Monitor provides analysis users with a tool that is operating system and Grid environment independent. This contribution describes the functionality of the application and its implementation details, in particular authentication, authorization and audit of the management operations.

Summary

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