

# Monitoring and Accounting within the ATLAS Production System

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The presented monitoring framework builds on the experience gained during the ATLAS Data Challenge 2 and Rome physics workshop productions. During these previous productions several independent monitoring tools were created. Although these tools were created to some degree in isolation they provided a good degree of complementary functionality and are taken as a basis for the current framework. One of the main design goals of the current framework is to abstract the monitoring away from the central database of jobs, thus reducing the impact which the monitoring has on the production itself. Furthermore, the framework is aimed towards providing a common monitoring environment which may be seen as a high level source of information covering the 3 grid flavours used for ATLAS productions. The functionality of the framework is described with attention being paid to design considerations and implementation. The experience gained during the project is presented along with an outlook towards future developments.

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