

Design and Implementation of Monte Carlo Production Monitoring Tool for AMS Experiment

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Abstract: Monte Carlo (MC) simulation production plays an important part in physics analysis of the Alpha Magnetic Spectrometer (AMS-02) experiment. To facilitate the metadata retrieving for data analysis needs among the millions of database records, we developed a monitoring tool to analyze and visualize the production status and progress. In this paper, we discuss the workflow of the monitoring tool and present its features and technical details.

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