

AMGA Manager for Efficient Handling of Grid-Based Metadata at Belle II

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AMGA is an official EMI metadata catalogue service developed to offer access to metadata for files stored on the Grid and to ensure high scalability to metadata systems due to both data replication/federation in a distributed environment and compatibility with EMI other components. That's why the Belle II Data Handling system used AMGA metadata catalog as main technology for the management of Belle II metadata. Besides, we had developed general-purpose GUI toolkit that is called AMGA Manager, in order to use easily AMGA service and provide a user-friendly interface. After that, we developed AMGA Manager reflected several requirements of Belle II community, which are consisted of fast data retrieval for large scale metadata and fast constructing graphically hierarchical directories. In this paper, we describe not only the general functions in AMGA Manager but specialized and improved functions for Belle II.

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