

Design and Implementaion of WS-DAIR for AMGA

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AMGA is a gLite-metadata catalogue service of EGEE's gLite 3.1. It provides the method to access to metadata for files stored on the Grid. WS-DAIR is new OGF standard for access to relational database on the Grid. Integration of WS-DAIR in AMGA will enable users to access a relational data source access via OGF standardized Grid Data Access Services. First we introduce the idea and summary of WS-DAIR and then present the design and implementation of WS-DAIR standard interface for the AMGA metadata catalogue. Also we present the result of performance study on the WS-DAIR interface against the existing AMGA interface. Finally we address the result and analysis of interoperability test with WS-DAIR implementation of OGSA-DAI, so that it is possible to make both of implementations fully compatible with the WS-DAIR standard.

