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The ARDA Prototypes

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The ARDA project was started in April 2004 to support the four LHC experiments (ALICE, ATLAS, CMS and LHCb) in the implementation of individual production and analysis environments based on the EGEE middleware.

The main goal of the project is to allow a fast feedback between the experiment and the middleware development teams via the construction and the usage of end-to-end prototypes allowing users to perform analyses out of the present data sets from recent montecarlo productions.

We present the status of the integration of the EGEE prototype Grid middleware into the analysis environment of the four LHC experiments. First an overview is given on the individual architectures of the four experiments' prototypes with a strong focus on how the EGEE middleware is incorporated into the framework. We outline common points in the usage of the middleware and try to point out differences in the decisions taken by the experiments on the inclusion of different parts of the EGEE software. We will conclude by presenting the first feedback from the usage of these analysis environments.

Primary authors: DEMICHEV, A. (Moscow State University); MAIER, A. (CERN); PETERS, A. (CERN); KOBLITZ, B. (CERN); FEICHTINGER, D. (Swiss Institute of Particle Physics); LIKO, D. (CERN); ORELLANA, F. (CERN); ANDREEVA, J. (CERN); HERRALA, J. (CERN); MOSCICKI, J. (CERN); MOSCICKI, J. (CERN); LAMANNA, M. (CERN); CHEN, T. (Academica Sinica, Nanking); POSE, V. (JINR, Dubna); UENG, W. (Academica Sinica, Nanking)

Presenter: ANDREEVA, Julia (CERN)

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