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LcgCAF: CDF submission portal to LCG resources

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The CDF Collaboration is moving beyond the used dedicated resources and starts exploiting Grid resources due to the large increases in computing requirements.

CDF has been running a set of CDF Analysis Farm (CAFs), which are submission portals to dedicated pools, and LcgCAF is basically a reimplementation of the CAF model in order to access Grid resources by using the LCG/EGEE Middleware components. LcgCAF is constituted by a set of services each of them responsible for accepting, submitting and monitoring CDF user jobs during theirs lifetimes in the Grid environment.

This poster presents an overview the LcgCAF architecture within the LCG/EGEE Middleware.

The performances on Monte Carlo production using this portal are also shown together with future improvements.

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