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LCG Conditions Database Project Overview

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The Conditions Database project has been launched to implement a common persistency solution for experiment conditions data in the context of the LHC Computing Grid (LCG) Persistency Framework. Conditions data, such as calibration, alignment or slow control data, are non-event experiment data characterized by the fact that they vary in time and may have different versions.

The LCG project draws on preexisting projects which have led to the definition of a generic C++ API for condition data access and its implementation using different storage technologies, such as Objectivity, MySQL or Oracle.

The project is assigned the task to deliver a production release of the software including implementation libraries for several technologies and high level tools for data management.

The presentation will review the current status of the LCG common project at the time of the conference and the plans for its evolution.

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