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RDBC: ROOT DataBase Connectivity

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The RDBC (ROOT DataBase Connectivity) library is a C++ implementation of the The Java Database Connectivity Application Programming Interface. It provides a DBMS-independent interface to relational databases from ROOT as well as a generic SQL database access framework.

RDBC also extends the ROOT TSQL abstract interface.

Currently it is used in two large experiments:

- in Minos as interface to MySQL and Oracle databases
- in Phenix as interface to PostgreSQL database.

In this paper we will describe the main features and applicability of this library.

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