



Dive into CORAL

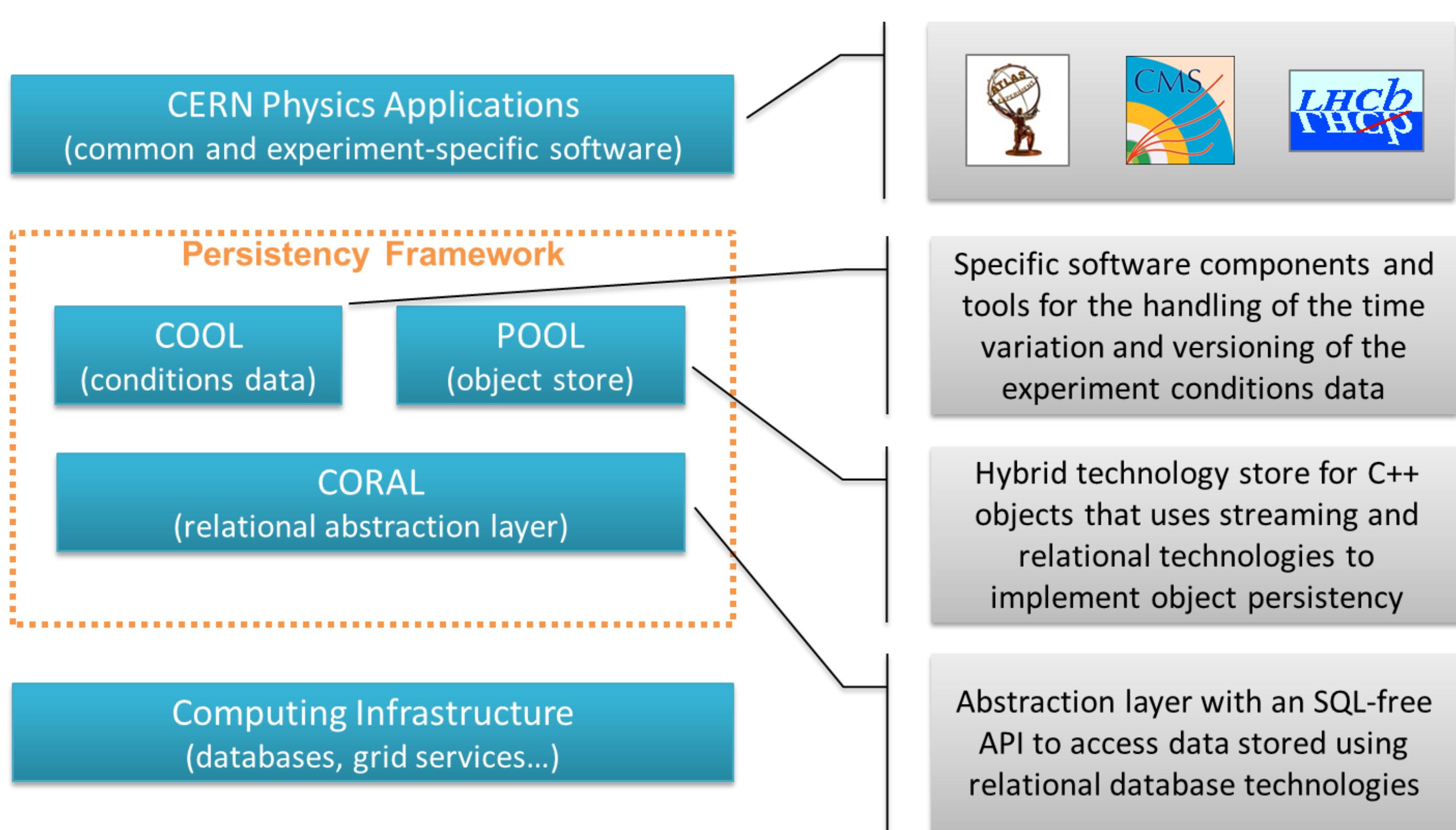


What is CORAL?

The Common Relational Abstraction Layer (CORAL) is an abstraction layer with an SQL-free API to access data stored using relational database technologies. CORAL is one of three components of the Persistence Framework, a project that address the data access requirements of the LHC experiments in several different areas (see figure below).

The project is the result of the collaboration between the ES group of the CERN IT Department and the LHC experiments ATLAS, CMS and LHCb. These three experiments are using some or all of the Persistence Framework software packages to access their data. The Persistence Framework is part of the Application Area (AA) of the LHC Computing Grid (LCG).

The Components of the Persistence Framework



CORAL's Multi-tier Architecture

