

Databases for the ATLAS Detector Control System: experience and future requirements

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The ATLAS detector control system (DCS) archives detector conditions data in a dedicated Oracle database using a proprietary schema (PVSS Oracle archive) and representing one of the main users of the ATLAS online database service. The contribution will give an overview about the database usage and operation experience, e.g. with respect to data volume, insert rates, and pending issues. Constraints and ideas for future requirements in the view of experiment operation and upgrades are discussed.

Primary author: Dr SCHLENKER, Stefan (CERN)

Co-author: Mr KHOMUTNIKOV, Viatcheslav (PNPI Petersburg)

Presenter: Dr SCHLENKER, Stefan (CERN)

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