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The CMS experiment has two largely populated databases for CMS meta-data, the Data Book keeping System (DBS) and data location system (PhEDEx) which are populated by the production teams with information on the identity and contents of the CMS datasets. Due to internal workflow organization some information may not be in sync between these databases, e.g. the number of files in each dataset etc. The goal of this project is to develop a crossconsistency tool to get periodic updates about database discrepancies.

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verification-cms-metadata

Links

[1] http://test-static-05.web.cern.ch/publications/technical_documents/database-consistency-verification-cms-metadata

[2] <https://zenodo.org/record/61230>