

10th International Conference "Distributed Computing and Grid Technologies in Science and Education" (GRID'2023)



Contribution ID: 277

Type: **not specified**

Data Knowledge Base evolution for a stable usage and operation

Monday, 3 July 2023 17:00 (15 minutes)

The Data Knowledge Base (DKB) project is aimed at knowledge acquisition and metadata integration which consists of DKB python library and API service. Due to its ETL workflow engine it allows to build a single system with integrated and pre-processed information behind distributed metadata infrastructure. Such system provides fast and efficient response for summary reports, monitoring tasks (aggregation queries), multi-system join queries and others. In this work the recent improvements and a current status of the project are shown as well as its usage in WLCG for operation metadata analysis.

Summary

Primary author: KOTLIAR, Viktor (Institute for High Energy Physics named by A.A. Logunov of National Research Center "Kurchatov Institute")

Presenter: KOTLIAR, Viktor (Institute for High Energy Physics named by A.A. Logunov of National Research Center "Kurchatov Institute")

Session Classification: Distributed Computing Systems

Track Classification: Distributed Computing Systems