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DUNE Data Management Experience with Rucio

Wednesday 29 July 2020 18:10 (20 minutes)

The DUNE collaboration has been using Rucio since 2018 to transport data to our many European remote storage elements. We currently have 13.8 PB of data under Rucio management at 13 remote storage elements. We present our experience thus far, as well as our future plans to make Rucio our sole file location catalog. We will present our planned data discovery system and the role of Rucio in the data ingest system and data delivery of files to jobs. We will describe the associated metadata service which is in development. Finally, we will describe some of the unique challenges of configuring Rucio to the tape-backed dCache/Enstore disk store at Fermilab.

I read the instructions

Secondary track (number)

Primary author: TIMM, Steve

Presenter: TIMM, Steve

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