OSCARS
Open Science Clusters' Action for Research & Society

Funded Project

Streamlining open data policies in Rucio

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Implemented by

CERN

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What problem(s) are you going to solve?

Open data is usually copied from existing data storages, incurring extra costs for duplicating the data .

This project proposes a **paradigm shift: linking versus copying.**

Rucio will link open data at the source, incorporating FAIR principles natively into its architecture.

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What are you planning to do to solve the problem?

Open data support will be implemented in the core of the Rucio platform, allowing data curators team to directly tag their existing data sets as open data.

Rucio will provide an interface for open data portals to consume these open data sets and provide access methods with embargo policies.

What will be the results and how do you plan to make them available to the broader community?

Rucio is an open source project.

The result of this project will be available in the upstream software repository.

Adoption of the results of this project will be imminent upon updating to new releases and using the implemented functionality.

RISKS

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What risks could limit the success of the project, and how can they be mitigated

Risk: slow learning of hired DevOps Engineer

Likelihood: low

Probability: low

Mitigation: ensure good candidates in HR hiring process and close follow-up with hired person after his enrollment