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SciCat Present and Future

Tuesday 20 September 2022 13:50 (20 minutes)

This presentation will introduce SciCat to the general audience, a metadata catalogue developed as a collaboration between PSI, ESS and MAXIV. We will present the guiding principles and the needs that this project strives to address.

We will list the features currently implemented, from ingestion to publication, with an emphasis on the user experience. We will also showcase some external tools that leverage the SciCat API

We will showcase how SciCat is used at PSI and highlight the technical challenges with the underlying software architecture, and the integration work that has been done when a given metadata catalogue, specifically SciCat, is deployed to a given facility.

We will cover the topic of CI/CD driven deployments, in particular for parallel installations into different test and production environments based on Kubernetes.

We will conclude this presentation with the future roadmap for the project.

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