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Selection of Rucio to manage the SKA data lake

Monday 30 September 2024 11:00 (20 minutes)

In this talk, we will summarise the process by which the SKA formally selected Rucio as the Distributed Data Management solution for the first version (0.1) of the SKA Regional Centre network (SRCNet) stack. Presented with two possible solutions for managing the archive of SKA Observatory data products, we set out to objectively select the tool which best matched the SRCNet architecture, non-functional requirements and use cases. Here we will present an overview of this process and highlight the features of Rucio that made it the more suitable candidate and where work remains to be done.

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