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Rucio Status at IHEP [remote]

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With the development of large scaled data experiments located in China, the Computing Center of Institute of High Energy Physics (IHEP) started to use Rucio system to manage Grid data distribution among multiple storage sites. At present, HERD, JUNO, CEPC experiment at IHEP are using or have determined to use Rucio as distributed data management system. This report will share our uses cases on HERD, JUNO and CEPC, including data management design and policies for each experiment, experiment-oriented API and plugins development and Rucio system deployment and maintenance experiences. This report will also discuss the plan and design on data management system based on Rucio for future large-scale scientific facilities at IHEP.

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