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## The current design and implementation of the AstroDS Data Aggregation Service

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AstroDS is a distributed storage for Cosmic Ray Astrophysics. The primary goal of Astro DS is to gather data measured by the instruments of various physical experiments such as TAIGA, TUNKA, KASCADE into global storage and provide the users with a standardized user-friendly interface to search for the datasets that match certain conditions. AstroDS consists of a set of distributed microservices components that communicate with each other through the Internet via REST API. The core component of AstroDS is the Data Aggregation Service that orchestrates other components to provide access to data. The development process of AstroDS started in 2019. This paper describes the current design and implementation of the Data Aggregation Service and also the benefits it brings to the astrophysical community in the early state.

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