ESCAPE

European Science Cluster of Astronomy & Particle physics ESFRI research Infrastructures

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ESCAPE DIOS | Data Infrastructure for Open Science

A modular ecosystem of cloud storage services from different facilities (data lake) that can be deployed by the user to organise, store and access remotely a large volume of scientific data, while saving the functionality, performance, usability and monetary costs of owning these powerful and complex storage services.

ESCAPE OSSR | Open-source Scientific Software and Service Repository

Open-access repository of world-leading astroparticle and particle physics scientific software and services to foster the uptake and re-usability by the scientific community.

ESCAPE VO | Virtual Observatory

Framework of IVOA standards for the implementation of FAIR principles and cross-domain interoperability to astronomy data.

ESCAPE ESAP | ESFRI Science Analysis Platform

A platform that enables researchers to identify and stage open data for analysis from the ESCAPE DIOS, filter scientific workflows and software from the ESCAPE OSSR and connect them to High Performance Computing (HPC), High-throughput computing (HTC) and cloud data processing infrastructures.

ESCAPE CS | Citizen Science

Bring the public into scientific discoveries, through citizen science experiments, while promoting science discoveries of the astronomy and physics facilities.

ESCAPE Consortium

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