CS3MESH4EOSC

Connecting European Data

Creating an interoperable federation of data and higher-level services to enable friction free collaboration between European researchers, educators, data curators and analysts.

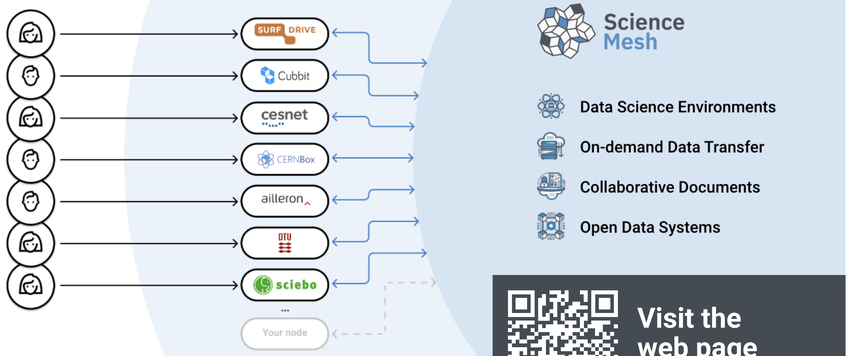
How does the Science Mesh Work?

OPEN FROM AUTUMN 2023 to data users interested in friction-free data collaboration

Each user can start from the node they already use...

...and access data hosted on different nodes...

...thanks to the Science Mesh Data Services



Science Mesh

- Data Science Environments
- On-demand Data Transfer
- Collaborative Documents
- Open Data Systems

Visit the web page and learn more

A platform fully developed on Open-Source, with data, applications and computation combined, enabling users to easily synchronise, share and collaborate in files through applications and software components across Mesh-powered sites.

Integration into EOSC Catalogue, to complement it with interactive and agile collaboration sharing capabilities for the EOSC users.

eosc

Science mesh data applications & technologies being integrated

Data Science Environments
Access remote execution environments to replay (and modify) analysis algorithms.
binder · jupyter · SWAN · voilà

Open Data Systems
Add metadata and publish datasets with persistent identifiers.
zenodo · sciebo · INVENIO RDM · RO-Crate

Collaborative documents
Cross-federation collaboration on content in real time: simultaneous editing of documents, commenting...
Collabora · CodiMD · ONLYOFFICE

On-demand Data Transfers
Transfer at high speed information from remote locations to local sites across different countries.
FTS · RCLONE · RUCIO

Who should use the Science Mesh!

Researchers — Cross-institutional collaboration on sharing documents by using their domestic data without an additional external EFSS platform.

Software Developers — Contribute to the integration of new application services, access new software applications not available on the market.

Service Providers — Reach an higher number of users and increase your build sync and share capabilities through the already existing storage EFSS platforms.

System Administrators — Provide your cloud services to researchers part of the mesh and increase your user-base.

Policy Makers & Citizens — Service enabling digital sovereignty in policy making processes and effectively increasing both open access and human capital.

Scan the QR Code and Subscribe to the Newsletter to get the latest updates!

Join the CS3MESH4EOSC Community!

To become a Science Mesh early adopter and get privileged access to a global platform providing services for data-driven science & research collaboration

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