CS3 MESH4 EOSC

Connecting European Data

Science Mesh

Unlocking scientific collaboration through technology

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SciDataCon 2021

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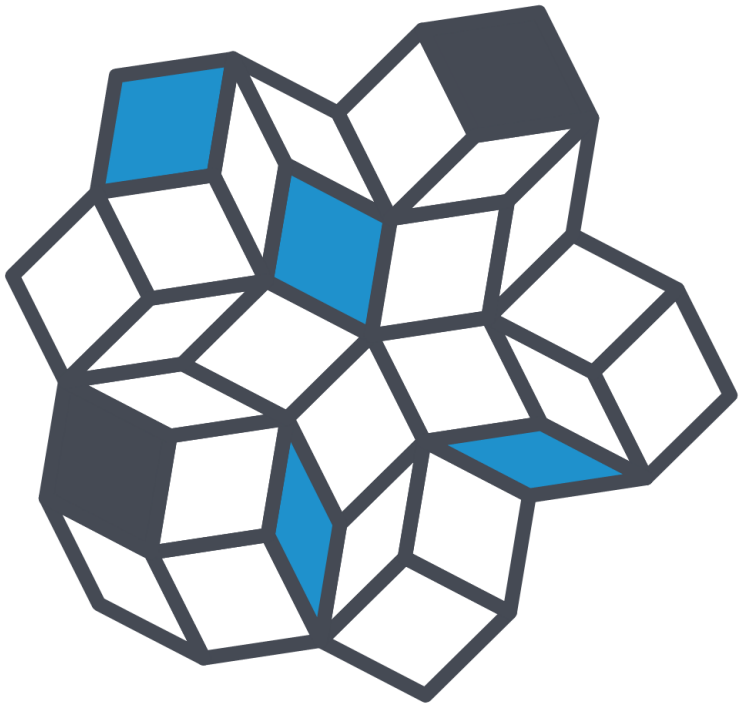
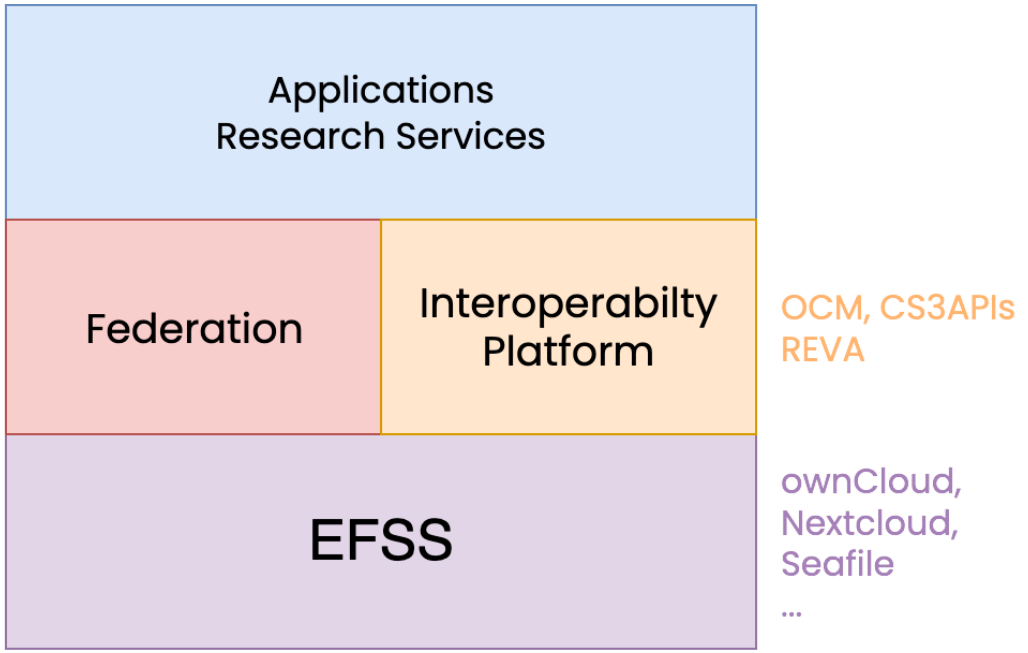


Science Mesh

What is ScienceMesh?

- Decentralized **Mesh of EFSS nodes**
- Based on **Open Standards** and **Open Source Software**
- **Federated** environment where researchers can collaborate
- **Application Platform** for distributed collaborative tools

Science Mesh



Interoperability

- OCM
  - Main server-to-server communication mechanism
  - Version 1.0 published in July
  - New proposal from CS3MES4EOSC: Invitation Workflow

cs3org/OCM-API

- CS3APIs
  - Storage-to-application communication
  - Common “language” for integration
  - REVA IOP – bridges existing protocols with CS3APIs

cs3org/cs3apis

https://sciencemesh.io

https://gitter.im/sciencemesh/community

https://github.com/sciencemesh

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Thank you!

Discover more on...

cs3mesh4eosc.eu

company/cs3mesh4eosc

CS3org

CS3MESH4EOSC Project

https://www.youtube.com/channel/UCHKcZEkMqXjCvc3MLFjFxbw

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Acknowledgements

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