

Master
Analysis of Open Source Building Blocks for Data Spaces (Gaia-X,
International Data Spaces and Data Spaces Support Centre)



Motivation

Within the scope of the European Open Science Cloud (EOSC) an architecture for a secure data sharing platform including sensitive data shall be defined. Hereby different open source building blocks should be analysed and compared.

Tasks/Goals

- Comparison of those three initiatives regarding data sharing and processing by choosing suitable criteria
- Probably, prototypical realization of relevant parts of a data space architecture with identified components

A literature analysis with focus on how security is assured and a comparison of open source components shall be conducted. This is to figure out and define which requirements are necessary in general for quality assurance after completing the comparison.

Literature/References

- <https://eosc-portal.eu>
- <https://dssc.eu>
- <https://internationaldataspaces.org>

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