
EOSC-SYNERGY

EU DELIVERABLE: D2.3

Final report on EOSC integration

Document Identifier:	EOSC-SYNERGY-D2.3
Date:	31/09/2021
Activity:	WP2
Leader Partner:	KIT
Document Status:	FINAL
Dissemination Level:	PUBLIC
Document Link:	https://doi.org/10.20350/digitalCSIC/14751

Abstract:

This report is delivered in the form of a "Handbook" on how to integrate national clouds, thematic resources, and data repositories conformant to common quality standards, and harmonised in terms of technological, policy, and legal aspects.

I. Copyright Notice

Copyright Members of the EOSC-Synergy collaboration, 2019/2022

II. Delivery Slip

	Name	Partner(activity)	Date
From	Marcus Hardt	KIT / WP2	19/08/2022
	Viet Tran	SAVBA / WP2	31/7/2022
Reviewed by	Moderator: Isabel Campos	CSIC / WP1	26/08/2022
	Reviewers: Marcin Plociennik Mario David	PSNC/WP6 LIP / WP3	
Approved by	PMB	ALL	27/09/2022

III. Document Log

Issue	Date	Comment	Author/Partner
v1	2022-06-36	Initial Draft	Marcus Hardt (KIT)
v2	2022-03-01	Content contributed to sections	Viet Tran (SAVBA) Roksana Wilk (Cyfronet)
v3	2022-08-19	Ready for review	Marcus Hardt (KIT)
v4	2022-09-27	Approved	PMB



Executive Summary

This deliverable contains the combined knowledge and experience of the infrastructure work package. It is targeted at a diverse audience that embraces everybody from the users, and the principal investigators via the more technical roles in the infrastructure (administrators, integrators) up to datacenter managers.

The Key Exploitable Result of this activity is a handbook that contains specific sections for the three identified audiences. The goal of this handbook is to contribute to the future evolution of EOSC, by providing an easily accessible reference. The goal is furthermore to keep it up-to-date by incorporating updates and documentation to more services. This is accomplished by a number of measures.

First and foremost, the handbook is not published as a classical deliverable in PDF, but as a web page [[handbook-web](#)]. This will simplify daily use and allows deep-linking to specific topics for referencing them to others.

To sustain the path to updates of the handbook, the source-code is published on github [[handbook-git](#)] using the creative commons licence [[CC-BY-SA-3.0](#)]. This allows anybody to submit “merge requests” which may then be merged by members of the EOSC-Synergy organisation at github. We use this to follow the FAIR-data principles and believe this to facilitate a sustainable path to keep the content up to date. Keeping the Quality Assurance Momentum of the project, all updates are built using a CI/CD pipeline and automatically published to the handbook webpage.

The content of the handbook covers:

- Overview over Thematic Services, their requirements, their approach and their solutions
- The state of the art of the EOSC architecture, based on the EOSC Interoperability Framework
- How to address the EOSC capacity expansion from the perspective of computer centre managers, with a description of the relevant policies and with instructions for administrators.
- All tools used and developed within the EOSC-Synergy project to support the successful operation of the Thematic Services.

For reference, the current version of the handbook is available as a pdf at [[handbook-pdf](#)].

1. References

- [CC-BY-SA] Creative commons licence “Attribution-ShareAlike 3.0“
<https://creativecommons.org/licenses/by-sa/3.0/>
- [handbook-git] Github page of the EOSC Synergy Handbook
<https://github.com/EOSC-synergy/handbook>
- [handbook-web] EOSC Synergy Handbook
<https://handbook.eosc-synergy.eu>
- [handbook-pdf] PDF Version of the EOSC Synergy Handbook
<https://handbook.eosc-synergy.eu/handbook.pdf>