Highlights from the EOSC FAIR Working Group

www.eoscsecretariat.eu/working-groups/fair-working-group

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eIRG – research data infrastructures and usage

1st December 2020

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EOSC FAIR Working Group: Task Force remit

Task Force Leads
- Rob Hooft
- Marta Teperek

Six recommendations report:
https://doi.org/10.2777/986252

Task Force Leads
- Oscar Corcho
- Krzys Kurowski

Draft EOSC interoperability framework
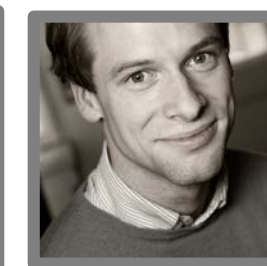https://www.eoscsecretariat.eu/sites/default/files/eosc-interoperability-framework-v1.0.pdf

FAIR practice

Interoperability

PID policy

Metrics & certification

Task Force Leads
- Peter Wittenberg
- Rachael Kotarski

EOSC PID policy
https://doi.org/10.2777/926037

Task Force Leads
- Francoise Genova
- Magnus Aronsen

Draft EOSC metrics:
https://doi.org/10.5281/zenodo.4106116

FAIR practice task force

[Six recommendations for Implementation of FAIR practice](https://doi.org/10.2777/986252)
https://doi.org/10.2777/986252

	EOSC	Research funders	Institutions	Policy-makers	Coordination fora	Standards bodies	Data service providers	Publishers
1. Fund awareness-raising, training, education and community-specific support	√	√	√					
2. Fund development, adoption and maintenance of community standards, tools and infrastructure	√	√			√	√	√	
3. Incentivise development of community governance	√	√			√			
4. Translate FAIR guidelines for other digital objects	√	√		√	√	√		
5. Reward and recognise improvements of FAIR practice	√	√	√	√				
6. Develop and monitor adequate policies for FAIR data and research objects	√	√	√	√				√

Consultation doc:

865 👁 views   630 ⬇ downloads

See more details…

In just 3 months!

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PID policy task force

[A Persistent Identifier (PID) Policy for EOSC](#)
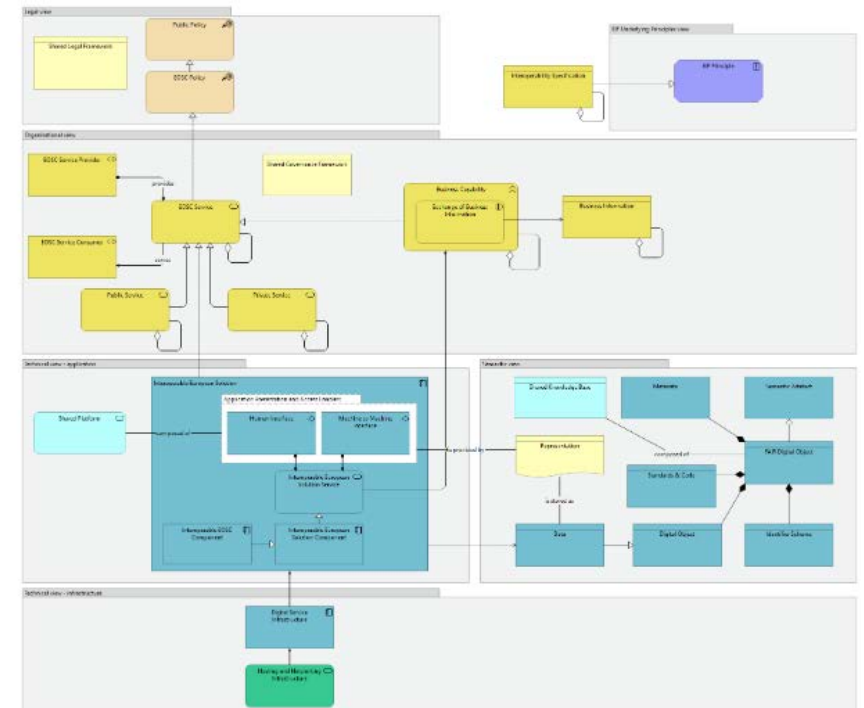
https://doi.org/10.2777/926037

- Context
- Principles
- Generic PID definitions
- Roles and responsibilities
- PID applications
- PID types
- PID services and PID service providers
- Governance and sustainability

"The EOSC PID Policy identifies that an ecosystem of PID infrastructures is needed to support a wide variety of scientific applications and offer sufficient flexibility and capacity. The ARDC PID portfolio also aims to cover off important elements of the research enterprise (people, organisations, data, software, publications, instruments, etc). We are enthusiastic to see the outcomes of the EOSC PID Policy and interested in collaboration wherever that may be useful for all parties." ARDC

2298 downloads
Hundreds of comments

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Interoperability Task Force

- Draft document shared for comments. Finalize in December.

  - Adding content from the legal interoperability study

  - Developing a model of the main architectural building blocks using the European Interoperability Reference Architecture (EIRA)

  - Responding to SRIA comments to develop work further

  - Also summarizing work on generic standards for discoverability and liaising with FAIRsFAIR

EOSC-IF Highlevel viewpoint

FAIR metrics for EOSC

- Report being finalised post consultation - https://doi.org/10.5281/zenodo.4106116

- Less support (~75% agree vs 90%+) & concerns expressed on inclusiveness during SRIA consultation

- Metrics recommend a subset of the c.40+ RDA metrics **to be thoroughly tested** and stage them e.g.

Aspect	2021	2024	2028
Discovery	• Metadata is provided to allow discovery • Metadata includes the identifier for the data.	• Metadata is offered in such a way that it can be harvested and indexed.	• Metadata is guaranteed to remain available, after data is no longer available.
Licence	• Metadata includes information about the license under which the data can be reused.	• Metadata refers to a standard reuse license.	• Metadata refers to a machine-understandable reuse licence.
Standards		• Data/Metadata complies with a community standard	• Data/Metadata is expressed in compliance with a machine understandable community standard. • Metadata use FAIR-compliant vocabularies.

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FAIR service certification

- Final report out for consultation til 8th Dec

- Recommends certification for repositories but **certification status cannot be a necessary condition to be included in EOSC yet**

- Certification schema should be aligned with FAIR (CTS doing this)

- Should establish criteria to certify other elements e.g. PID systems and vocabulary / metadata registries

https://doi.org/10.5281/zenodo.4284666

Overarching comments

- We recognise the central role of research communities as data and service providers and users of the system. EOSC has to fit community practice.

- FAIR is a journey. The EOSC will build up progressively and we have to expect and enable gradual uptake with inclusiveness in mind.

- The definition of metrics should be a continuous process. Metrics and evaluation tools have to be extensively checked in a variety of contexts to detect possible adverse consequences and gather feedback. They will have to be regularly assessed and updated.

- The session on governance of FAIR metrics and PID Policy at the EOSC Consultation Day recommended that a neutral body is used for oversight. Role for an EOSC Association Working Group or Stakeholder Forum?

Questions?

Thanks!

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