Trustworthy and FAIR-enabling repositories

3 October 14.00-15.30 CET

Session management

Recording and Zoom chat uploaded into FAIR-Impact google drive. Videos uploaded to YouTube in unlisted mode for sharing with participants.

Collaborative spreadsheet and note taking document
- Spreadsheet:
    - Factual
    - Brief
    - Link where possible
  - Careful editing cells, don't edit cells from others

- Collaborative notes
    - More detailed and narrative points
    - Add name to any views you express: [Laurence Horton]

Trustworthy and FAIR-enabling repositories

- Chair:
  - Laurence Horton, DCC

- Rapporteurs:
  - Maaike Verburg, DANS
  - Daniel Turner, DCC

- Conversation starters
  - Socrates Varakliotis, UCL on the FAIR-IMPACT Trustworthy and FAIR-enabling repositories support action
  - Marine Vernet, IFREMER on CTS for marine data repositories
  - Kathleen Shearer, COAR on the European Repository Strategy
  - Mari Kleemola, CESSDA on the FIDELIS project support

Second synchronisation workshop

Grootveld, M., Pittonet Gaiarin, S., Davidson, J., Dillo, I., Verburg, M., Rouchon, O., Priddy, M., Nordling, J., Marjamaa-Mankinen, L., Gonzalez, E., Fink Kjeldgaard, A.-S., David, R., & Dennis, R. (2024). M1.8 - Second synchronisation workshop. Synchronisation Force 2nd Workshop - November 2023. Zenodo.
https://doi.org/10.5281/zenodo.11082238

Session aims

Aim of this session:

- Share actions that improve transparency of trustworthy and FAIR-enabling repositories

- Discuss benefits of working collaboratively to achieve this

- Explore areas which require further support

What is "trustworthy"?

"Trustworthiness" n. (trustworthy, adj.) The quality of being dependable and reliable.

https://dictionary.archivists.org/entry/trustworthiness.html

What makes a repository "trustworthy"?

Please go to menti.com and enter this code: 5524 0586

Or, use the link: https://www.menti.com/ald7koak6vnz

Or! QR code

What makes a repository "trustworthy"? Last time…

The last time we ran this exercise the following was mentioned by participants in response to the question:

- Documentation: 6 times

- Transparency: 4 times

- Sustainability: 4 times

- Community: 4 times

Mentioned once: Availability, certification, expertise, provenance, quality, rights management, security

Source: https://fair-impact.eu/sites/default/files/2023-12/20231205_SynchForce_Session4_Trusted_FAIR_Repositories.pptx%20%281%29.pdf

M1.8: Recommendations 1

Increasing process transparency is vital to effectively assess repository trustworthiness, as encapsulated in the principle of "Trust through transparency."

Conversation starter:

- Participant FAIR-IMPACT Trustworthy and FAIR-enabling repositories support action. **Socrates Varakliotis, UCL**

M1.8: Recommendations 1. Group discussion and spreadsheet population

Group discussion and spreadsheet population

- Sharing lessons learned about improving the transparency of repository policies and processes

- How to address aspects of transparency that are proving to be more challenging to implement and what additional support would help?

Introductions - Context

- ## UCL Advanced Research Computing
  - Socrates Varakliotis, Daniel Delargy

- ## UCL Library Services
  - Christiana McMahon, Kirsty Wallis

- ## UCL RDR provided by Figshare

- ## FAIR-IMPACT cascading grant

Areas where we could make improvements

- Institutional website and RDR may have different wordings
  - Redesigned aspects of the website to better match service so we have well rounded info provided

- Consistency in advertised name
  - Contact registries (RE3, Sherpa) to ensure consistent naming of RDR and consistent/updated info in RRID records

- Found ourselves registered in multiple RRIDs, some of which were outdated

Areas where we could make improvements

- Revisiting fields of research
  - Ensure Fields of Research are more consistent and aligned (bound to specific vocabularies)

- More linkage between ARC & Library teams!
  - Regular meetings
  - Certification objectives (and beyond) going forward

- Adding accessibility features as per UCL policy and guidance

Recommendations

- Should use well-known and established guidelines and tools
  - FAIR-IMPACT guidelines
  - F-UJI + its upcoming extension for research software

- We would like to hear the experiences of colleagues who have gone through the CTS certification process already.
  - Build a Community of Practice (CoP): common objective obtaining the CTS

M1.8: Recommendations 2

Repository support should include generic solutions for widespread applicability and detailed, customised support for specific local or individual needs.

Conversation starter:

- **Marine Vernet** - CTS for marine data repositories

M1.8: Recommendations 2. Group discussion and spreadsheet population

- Sharing lessons learned in providing/receiving customised support for repositories to prepare for certification

- Are there aspects of preparing for certification that are proving to be more challenging to implement and what additional support would help?

- In your opinion, which elements of repository support benefit more from generic solutions and which more of customised support?

M1.8: Recommendations 3

Due to their evident advantages, support networks for repositories at all levels (thematic, national, and international) should be established.

Conversation starter:
- International community, European Repository Strategy, **Kathleen Shearer, COAR**
- **Mari Kleemola**, FSD, EOSC community, FIDELIS project support

FIDELIS ✓
A European network of Trustworthy Digital Repositories

1/2025 - 12/2027
coordinated by
CSC - IT Centre for Science
PI Damien Lecarpentier

24 partners

various domains, repository types and countries

Goals

Consensus on what constitutes a TDR in the context of EOSC

Improve repositories' FAIR-enabling capabilities

Enhanced interoperability across repositories and accelerated adoption of best practices

Operational Network of TDRs

Facilitation of future TDR collective action

Better alignment of the EOSC ecosystem with the requirements of repositories and their users

Network of TDRs can deliver benefits of taking action collaboratively, e.g.

unite the repository community beyond finite project efforts

offer a coordination and networking mechanism for addressing common challenges

foster a supportive open science environment

guarantee FAIR data sharing also in the future

The five project pillars

Project management and coordination

Network governance & value-add

TDR harmonization & interoperability

Training & support

Communication & outreach

Mari Kleemola, Tampere University/FSD and CESSDA

M1.8: Recommendations 3. Group discussion and spreadsheet population

- How can we best work together to progress and sustain a network of trustworthy and FAIR-enabling repositories?

FAIR-IMPACT is pleased to announce that our third and final open call for financial support launches today - 30 September 2024!

These support actions are suitable for those who are more advanced on their FAIR-enabling journeys and ready to test specific tools and approaches. All support actions will provide successful applicants with financial support to enable participation in a series of virtual workshops and to carry out independent work to implement different tools, methods or approaches. Successful applicants will benefit from expert guidance and advice from FAIR-IMPACT mentors.

This open call includes four support actions relating to:

- Managing data types, schemas and vocabularies and crosswalks for FAIR researcher related metadata (in partnership with FAIRCORE4EOSC)
- Creating EOSC compliant interoperability policies based on the EOSC Interoperability Framework (IF)
- Testing the trustworthy and FAIR-enabling repositories prototype
- Implementation of a shared API for semantic catalogues

Details of the four support actions and important dates can be found **here.**

Join us on **9 October from 14-15 CEST for a virtual workshop** where we'll introduce each of the support actions and tell you how to go about applying to join. The application portal will be open to applications following the webinar.

The deadline for applications to this Open Call is 4 December 2024.

Open Call WEBINAR

**Final Open Call for Support
Route 2: Cascading Grants**

14:00 - 15.00 CEST - 9 October 2024

FAIR Implementation Team   Online

eosc | FAIR-IMPACT   FAIR-IMPACT.eu   Funded by the European Union

Find our more at https://fair-impact.eu/3rd-open-call-route-2-support-opens-30-sept

Register for the introductory webinar on October 9th
https://fair-impact.eu/events/fair-impact-events/fair-impacts-final-open-call-financial-support

Thank you.

eosc | FAIR-IMPACT

@fairimpact_eu   /company/fair-impact-eu-project