

Trusted Data Repositories - Community of Practice - AU - Meetings - One pager Introduction

Australia 2023 | Facilitated by [ARDC](#) - Australian Research Data Commons.
Links: Community site (Link: <https://ereseach.ch/TDR>) | AARNet [Repo](#)**
This doc: <https://ereseach.ch/tdr-introau> | eRsch Conf '19, [ABSTRACT](#) |
'20 [Abstract](#) | '22 [Abstract](#) | '23 [Abstract](#) | '24 [Abstract](#) | [Prg](#) CC-BY (except images) [** no longer available]



eRsch Conf [Meeting](#) 35 - 18 Oct, Th 2.20pm AEST

- Intro to Community doc (for newbies) | Detailed timetable at Foot.
- 3-5 min updates from Community Members at BOF; Current Status and Current Issues
- Attending from Community; TERN, ADA, NCI, GA, AuScope.
Video Intro - Core Trust Seal (prior AAD)
- BOF Questions / Attendance sheet - see foot of this doc.



Why get your Repository certified?

Publishers and funders are increasingly looking at data being deposited in certified Trusted Data Repositories. This came, for example, out of the [European Commission Expert Group on FAIR data](#) (p.12, 14, 17; Recommendation 9, 20 p.15, 17) and publisher and community signing of the [AGU Enabling FAIR data](#) commitment statement. To help organisations have trustworthy data repositories, particularly the [CoreTrustSeal](#) certification, ARDC will bring together a community of practice. By sharing experiences and documents through the community of practice, effort will be reduced for all involved to gain [CoreTrustSeal](#) certification. ARDC has already worked with CSIRO, the National Imaging Facility and Australian Data Archive to achieve CoreTrustSeal certification in 2016-2018. To join the regular community meetings, contact richard.ferrers@ardc.edu.au.

References: (More: Section 6 Community Doc)

1. ARDC [Webinar](#) (March 2018; 57 mins); Slides: [CSIRO \(upd\)](#) | [NIF](#) | [ADA](#)
NIF Presentation at [IDCC19](#) - Data Curation Conference, Unimelb
2. Details of Certification [Requirements](#) (DOI) below.... (2019 [CTS](#) pdf; [www](#)) [Requirements](#) (2020 | [pdf](#)) | 2023 update ([video](#))
3. Archive of Community [meetings](#)

Where are community members up to with Trust Certification? [Comparing](#) Doc 2022

Getting Started / Assessing	Progressing	Drafting / Assessing gaps / resubmit post review	Submitted	Certified
AURIN, IMAS, NCI	NIL		UWA, Auscope	IMOS, CSIRO ADA AAD BOM PARADISEC GA TERN AIMS



				Auscope
--	--	--	--	---------

Status Update: Post Review resubmissions

AIMS	Resubmitted in May, waiting for responses
GA	Certified 04-Oct-23
Auscope	
TERN	Working through feedback, received Aug '23
UWA	Discussed issue with preservation; Vendor not capable
ADA	Preparing a resubmission
AAD	Submitted for recertification in August. Failed triage, with a request for some minor adjustments (they had two comments requesting more information). Have made those and resubmitted, but haven't heard anything since. Interestingly, they did suggest in the triage that perhaps I just needed to duplicate information from other requirements - which was something I pushed back on, as in every training session as a reviewer, they continually stress that duplication should be kept to a minimum. Instead I added a few words to those sections, and directed them to the related requirements for more information. That would have been in early-mid September.

Requirements for Core Trust Seal Certification: 2023-25 (19 pp [Zenodo](#) | [Changelog](#) 2022)

Background R0 Background Info and Context

Organisational Infrastructure

R1. The repository has an explicit mission to provide access to and preserve digital objects.

R2. The repository maintains all applicable rights and monitors compliance.

R3. The repository has a plan to ensure ongoing access to and preservation of its data and metadata.

R4. The repository ensures, to the extent possible, that data and metadata are created, curated, preserved, accessed, and used in compliance with legal and ethical norms.



R5. The repository has adequate funding and sufficient numbers of staff managed through a clear system of governance to effectively carry out the mission.

R6. The repository adopts mechanism(s) to secure ongoing expert guidance and feedback -either in- house, or external.

Digital Object Management

R07. The repository guarantees the authenticity of the digital objects and provides provenance information.

R08. The repository accepts data and metadata based on defined criteria to ensure relevance and understandability for data users.

R09. The repository assumes responsibility for long-term preservation and manages this function in a planned and documented way.

R10. The repository addresses technical quality and standards compliance and ensures that sufficient information is available for end users to make quality-related evaluations.

R11. Digital object managements takes place according to defined workflows from deposit to dissemination.

R12. The repository enables users to discover the digital objects and refer to them in a persistent way through proper citation.

R13. The repository enables reuse of the digital objects over time, ensuring that appropriate metadata are available to support understanding and use.

Technology

R14. The repository applies documented processes to ensure data and metadata storage and integrity.

R15. The repository is managed on well-supported operating systems and other core infrastructural software and hardware appropriate to the services it provides to its Designated Community.

R16. The repository protects the facility and its data, metadata, products, services, and users.



Conference BOF 2023 - see below..

Attendees: Trusted Data BoF - eResearch Conference - Oct 2023

Name	Role, Institution
Richard Ferrers	Data Consultant, ARDC Melbourne
Olivier Rouchon	CTS Board Member
Steve McEachern	ADA
Siddeswara Guru	TERN
Jo Croucher	NCI
Adele Haythonwaite	Uni Sydney
Les Kneebone	Unimelb
Alexis Tindall	Uni Adelaide
	To join the community, contact richard.ferrers@ardc.edu.au to get added to the mailing list.

Questions (for Community, CoreTrustSeal)

Org/Contact (if want a formal ARDC response)	Question
	Please add your questions below...



BoF TimeTable 2023

- Intro and Welcome (RF)
 - Intro to CoreTrustSeal; requirements, review, public applications, three year expiry (RF) (5m)
 - Intro to Community; website, meetings doc, one-pager Intro doc (RF) (5m)
 - Hello from Core Trust Seal; a talk (Olivier Rouchon; olivier.rouchon@cnrs.fr) from the Certification Body Board Member (5m)
 - Case 1 TERN (5m)
 - Pause for questions (5m)
 - Case 2 ADA (5m)
 - Questions; Q&A - remaining time (10m)
 - Review, Conclusion, Next Steps; call to action (5m)
-

Last Conference BOF 2022

Attendees: Trusted Data BoF - eResearch Conference - Oct 2022

Name	Role, Institution
Richard Ferrers	Research Data Specialist, ARDC (Melbourne)
Katina Toufexis	Research Data Coordinator, University of Western Australia (Perth)
Margie Smith	Geoscience Australia (Canberra)
Siddeswara Guru	TERN (UQ, Brisbane)
Bryant Ware	Interim Coordinator, AuScope Geochemistry Network (Curtin, Perth)
Suzannah Babicci	Research Data Curator/ Content Editor, Australian Institute of Marine Science (AIMS, Townsville, Qld)



Natalia Atkins	Metadata officer - AODN, IMOS
Harko Werkman	Research data analyst, IMAS
Robin Burgess	Research Data Specialist, ARDC (Sydney)
	To join the community, contact richard.ferrers@ardc.edu.au to get added to the mailing list.

TimeTable

- Intro and Welcome (RF)
- Intro to CoreTrustSeal; requirements, review, public applications, three year expiry (RF) (5m)
- Intro to Community; website, meetings doc, one-pager Intro doc (RF) (5m)
- Case 1 IMOS (max 5m)
- Case 2 GA (5m)
- Case 3 TERN (5m)
- Pause for questions (5m)
- Case 4 AIMS (5m)
- Case 5 UWA (5m)
- Case 6 AuScope (5m)
- Questions; Q&A - remaining time (10m)
- Review, Conclusion, Next Steps; call to action (5m)



1. Describe your Repository / community of users (Institution) (add or +1)

- [Institution] - Answer

2. Who are you / why do you keep / share data (Institution) (add or +1)

- [Institution] - Answer

3. What accelerated your interest in CoreTrustSeal application (Institution) (add or +1)

- [Institution] - Answer

4. Describe your Lessons Learned; challenges, strategies (Institution) (add or +1)

- [Institution] - Answer

5. Other things you would like to know about Trust Certification: (add or +1)

- [Institution] - Answer

Last Conference BOF 2020

Attendees: Trusted Data BoF - eResearch Conference - Oct 2020



Name	Role, Institution
Richard Ferrers	Research Data Specialist, ARDC
Katina Toufexis	Research Data Coordinator, University of Western Australia
Margie Smith	Geoscience Australia
Siddeswara Guru	TERN/UQ
Harko Werkman	UTAS
Ryan Sullivan	Product Specialist, University of Sydney Lead, Australian Imaging Service
Natalia Atkins	Metadata officer - AODN, IMOS
Jenny Rowland	Geoscience Australia
Maneerat Rumsamrong	Analyst/Developer (Research Team)/CQUniversity Australia
Idris Sulaiman	Southeast Asia Advisor & Coordinator, AeRO.edu.au
Suzannah Babicci	Australian Institute of Marine Science
Jenny Mahuika	TERN/UQ
Guang Hui Deng	Western Sydney University
Francis Gacenga	Manager (eResearch), University of Southern Queensland
Maria Mavroeidi	Data Management Partener, GNS Science, NZ
Mahin Raissi	eResearch Specialist , University of Canberra
Megan Wong	Federation University CeRDI and AgReFed
Chris Russell	Scientific Computing, CSIRO

To join the community, contact richard.ferrers@ardc.edu.au to get added to the mailing list.



2020 Resource: Paradisec [Guest Speaker](#)

2020 Conference BoF Questions (3)

1. Describe your Repository / community of users (Institution) (add or +1)

- [Institution] - Answer
- **eg ARDC, Research Data Australia, for data descriptions using RIF-CS metadata and data discovery**
- **[UWA]** - General Institutional Data Repository (not discipline specific). The repository also manages researcher profiles, publications, engagement activities, equipment and also imports grants **from** our separate grants **system**.
- [GA] - Geoscience Australia is an Australian Government entity which has an earth science domain repository. The repository allows discovery and access to data and data products using ISO19115-1 compliant metadata records. Repository mainly contains data, reports, software, web services, software but there are also portals, communication materials (handouts, flyers), abstracts, presentations.
- [AIS] - federation of XNAT repositories for imaging data. All NIF type imaging (MRI, CT, X-Ray, etc).
- [AODN] - Domain specific repository (marine science)

2. What Challenges are there to becoming Trust Certified? (add or +1)

- [Institution] - Answer
- [GA] Challenges include fully meeting the requirements and getting the time for me to focus on the application - which is where the writing sessions are of great benefit. +1
- [AIS] - Picking up where the NIF TDR project left off which was more of a PoC. Scaling up the pilot work nationally is quite challenging with everyone at different levels of maturity. That baseline needs to be set before we can progress towards certification.
- [AODN] - it looks like we will be able to meet most of the requirements. However challenges will be time to complete the application (the writing sessions have been really beneficial), time for other staff that are required to provide other content, and time for new versions of documents to be completed and released.
- [UWA] - As a university, we have schools and faculties managing their data differently and have their own fragmented procedures and internal policies. UWA has a more



general reference to data in our policy. A new UWA-wide policy is in the pipeline hopefully approved/distributed very soon. We are also missing elements such as a public repository mission statement as our repository was initially a publications only repository.

-

3. What next for your Trust Certification Application? (add or +1)

- [Institution] - Answer
- [GA] We are actually moving the repository onto new hardware at the moment so our application will not be ready until this is up and running but we hope to have it done by very early next year. I have found great benefit in going through the application as it highlights gaps in governance and documentation that you may not have been aware of. It has also been an incentive for GA to make more of our policy documents publicly available.
- [UWA] - Finish writing! Identify and fix all of the gaps at the end of the writing process; Get it reviewed and approved internally; Applying for certification
- [AIS] - Don't have a trust application yet. Focus is on safety of the data (IRAP, GDPR) in the first instance. We will focus more on trust next year.
- [AODN] - finish writing the first draft of the application. Gather all outstanding information, finalise application. Hopefully by mid-next year.

4. Other things you would like to know about Trust Certification: (add or +1)

- [Institution] - Answer
- [GA] We have found great benefit in going through the application as it highlights gaps in governance and documentation that you may not have been aware of. It has also been an incentive for us to make more of our policy documents publicly available. There is executive support to gain a Core Trust Seal which helps in terms of making my time available. (+2)
- If there are different classes of CTS standing, would a generalist repository in an institution that also has a 'green' certified repository have to meet 'green' standards, if there is the possibility that the two repositories are interoperable or potentially interoperable?
- Suggestion ARDC SA Engagement - Perhaps we could ask the members of the current writing group 'what 1 or 2 things they wish they had known before they started their application'? - this could also guide the content of the conference session and/or future resources provided to people coming new to this?



TimeTable

0.mins Introduction and context setting - one page intro for beginners ([2019 version](#)); Attendees to add names/role/org to [Intro to TDR community doc \(one page up\)](#)

10. Report on Community Progress - writing programme

20. Community Feedback on progress/current challenges

30. Guest speaker - 1400 AEDT - Paradisec [VIDEO](#) (perhaps AAD VIDEO)

40. Q&A; post questions to foot of [Intro to TDR community doc \(Q2 above\)](#)

50. Wrap up and next steps