RDA VP16

Breakout 4: RDA/WDS Certification of Digital Repositories IG

Wednesday, 11 November 2020/00:00 - 1:30 AM UTC

Collaborative Notes Link: https://bit.ly/2U74xTM

Towards building a trustworthy repository ecosystem

Session Agenda

- **Welcome and introduction (5 min)**
- **TRUST principles**
    - Review and impact so far (5 minutes) - Marisa DeGuisti, Universidad Nacional de La Plata
    - Commentary on TRUST principles >5 minutes) - Representatives of TRUST Principle Endorsers
    - Discussion time (20 minutes)
- **CoreTrustSeal position paper on specialist and generalist repositories and technical service providers**
    - Review of position paper and comments towards this second version (5 minutes) - Rorie Edmunds, World Data System
    - Response of a generalist repository on the the CoreTrustSeal position paper and TRUST principles (5 minutes) - Lisa Johnston, University of Minnesota
    - Discussion time (15 minutes)
- **Efforts to engender certification of data repositories**
    - Successes and challenges of efforts from AGU's Enabling FAIR Data project (5 minutes) - Rebecca Koskela, RDA/US
    - Discussion time (15 minutes)
- **Next steps and closure** (5 minutes)

Co-chairs

Rorie Edmunds
Dawei Lin
Garry Baker
Jonathan Petters

Participants lists

Name / affiliation / social media/(new to IG/part of IG)

Jonathan Petters/Virginia Tech/@jon_petters/part of IG
Kevin Ashley/Digital Curation Centre/@kevingashley/follower of IG
Robert Ulrich / Karlsruhe Institute for Technology / new to IG
Daniella Lowenberg/California Digital Library/@danilowenberg/part of IG
Jake Carlson/ University of Michigan/ new to IG
Rolf Krahl / Helmholtz-Zentrum Berlin für Materialien und Energie / (attend sessions of the IG at previous plenaries)
David Elbert/Johns Hopkins University//newly interested in group
Danie Kinkade/BCO-DMO/@bcodmo/new to IG
Martina Stockhause / DKRZ, WDCC, IPCC DDC / stockhause@dkrz.de / part of IG
Sam Hill / Helmholtz-Zentrum Berlin/samuel.hill@helmholtz-berlin.de / new to IG
Ted Habermann, Metadata Game Changers, tedhabermann@gmail.com, new to IG
Josh Brown / MoreBrains consulting co-operative / josh@morebrains.coop / new to IG
Ana Van Gulick / Figshare / @anavangulick / new to IG, Figshare has endorsed TRUST
Robert R. Downs / Columbia University / rdowns@ciesin.columbia.edu / part of IG
Leighton Christiansen / National Transportation Library, US Dept of Transportation / leighton.christiansen@dot.gov / IG member
Nobuko Miyairi / NICT / @NobukoMiyairi / newly interested in IG
Rorie Edmunds/ WDS / rorie.edmunds@worlddatasystem.org / IG Co-chair
Rossella Aversa / KIT / rossella.aversa@kit.edu / new to IG
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Remote: Barbara Sierman / digitalpreservation.nl / participant in IG

Notes
These notes are for you! Please add comments, +1s

TRUST principles

T. Habermann - have ~100 repos certified through CoreTrustSeal...how do the TRUST principles map to CoreTrustSeal?
        This mapping has been started (also with other cert processes), efforts are underway.
        Is there a link to these comparisons available? Open Forum
https://mailman.ccsds.org/pipermail/moims-dai/2020-October/subject.html

D. Lowenberg (Dryad) - Endorsed, but the principles not yet super visible (too soon?) - CoreTrustSeal certification seen as valuable for the back end of Dryad

A. Van Gulick (Figshare) - reaffirmed their mission to build policy-compliant infrastructure that meets user community needs, looking at FAIR data/reviewing datasets (e.g. Responsibility pillar in TRUST principles)

R. Downs (CIESIN) - principles inspirational, and help to spur continuous improvement

Discussion of creating a working group under this IG - on promotion and implementation of TRUST principles...could include efforts in mapping to certification processes

> Question of who the audience would be for the mapping exercise
> - could be funders/policymakers/repository managers, similar to who benefits from certifications)
> - could also be useful for repo managers to improve their repositories without pushing for certification per se (fuzzily)
> - Concrete requirements seen as more useful (e.g. CoreTrustSeal cert requirements) by one repository manager
> - mapping is potentially more useful for policymakers/funders, in that it could demonstrate to them that processes meet these new TRUST principles they heard about and think are good (?)

If people are interested in exploring to form a working group to promote and implement TRUST, please let Dawei know. Email - dawei.lin@nih.gov

Remote viewing: Barbara Sierman:
- the order of certification methods in the slide of the Concept Landscape differs from what is usually communicated: ISO 16363 comes after the DIN as it is more extensive than DIN. See also the (bit outdated) European Framework http://www.trusteddigitalrepository.eu/Welcome.html
- The conclusion that CTS is an implementation of TRUST principles is a nice summary, perhaps we should communicate that more.
- In my opinion the mapping of CTS, ISO16363, TRUST could be valuable for people really interested in digital preservation and how to assess that all the necessary things are done. FAIR does not fit in this list, as it is about data and not about the repository. It can fit if it is used to check whether the reposites do the right effort to keep the data FAIR, but that is not something you can derive from the standards

CoreTrustSeal position paper on specialist and generalist repositories and technical service providers

https://www.coretrustseal.org/wp-content/uploads/2020/06/CoreTrustSeal-Specialists-Generalists-TechServiceProviders_v01_00.docx (original white paper)

Forecasting Costs for Preserving, Archiving, and Promoting Access to Biomedical Data - National Academics of Science, Engineering and Medicine

K. Ashley - FAIRsFAIR is helping to shepherd more repositories through CoreTrustSeal certification; sometimes the language in the process (e.g. Designated Community) does give them some pause, it can be addressed so far. Guidance may be needed, but maybe the standard doesn't need to be changed?

Separating out service providers might make more sense, since they doing only a portion of a repository's functions

CoreTrustSeal is a community effort; perhaps not needed for every repository, some of which already have the trust of their community

L. Christiansen - if we divide out repositories by very audiences or services, where do we stop? Are we setting ourselves for more work in the future?

B. Hanisch - Do we have any evidence that researchers/end-users of repositories really care whether they have the Core Trust Seal or any other type of formal endorsement? If the researchers are getting what they want, anyway, does it matter?

D. Kinkade - Certification and its value is being communicated to researchers, so it does serve as come currency for repository selection
J. Carlson - CoreTrustSeal cert could be an attempt to agree on what 'the right thing' for repo administrators/manager to do
L. Christiansen wants to know that DOT funded researchers put their data in good repositories for future use
D. Kinkade- early career researchers need help in finding appropriate repositories, this certification helps them do so

Efforts to engender certification of data repositories

D. Kinkade - Cohort was a nice networking platform for those who are new to CTS and have questions
K. Ashley - Peer-support networks like this are really useful