Trusted Data Community: Working together to certify Australia's repositories

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DESCRIPTION

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 [1] (p.12, 14, 17; Recommendation 9, 20; p.15, 17) and publisher and community signing of the AGU Enabling FAIR data commitment statement [2]. To help organisations gain recognised trustworthy data repositories, in particular CoreTrustSeal [3] (CTS) certification, the Australian Research Data Commons (ARDC) brought 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 [3] certification. ARDC will also buy 10 CoreTrustSeal licences (valued at 1000 EUR each) for organisations who commit to attaining the CoreTrustSeal in 2019-20 and join the community. ARDC has already worked with CSIRO, the National Imaging Facility and Australian Data Archive to achieve CoreTrustSeal certification in 2016-2018.

In Australia, ARDC reached out in early 2019, through an expression of interest, to form a community of interested organisation to work together to explore trust certification for their data holdings and public repositories. As a result, some 21 interested organisations are involved, including the authors of this proposal, and they came together in April 2019 for the first online discussions. Now, in June, the community has met on a monthly basis, resulting in three meetings to date. In October, the eResearch Conference will enable the community to gather and meet face to face for an intensive BoF session. While it is difficult to predict where the community will be in five months time, since the community is only a few months old; as a community we have expressed interest in taking our online meeting into the real world. Already, local working groups are forming around software platforms (IMOS, IMAS, TERN) and physical locations such as Perth (UWA, Curtin, NIF and Pawsey). Community members at the same institution are also reaching out to each other; for example TERN and NIF at UQ.

This 60 Minute BoF will be facilitated by ARDC and lead community members (IMOS, GA, UWA, TERN and Austlii), to do the following:

(1) strengthen the community relationships through face to face interaction;

(2) discuss different approaches and methods to assess requirements for CoreTrustSeal;

(3) share current work, successes and challenges facing us individually and communally, and

(4) allow the community to work together on challenging issues.

This BoF will provide an opportunity to bring the community together to share learnings with other organisations who are interested in CTS and for them to hear about and meet the community which will widen the potential benefits and interest in the existing community. As such, the BoF will feature a small number of guest speakers representing the broad perspective of community activity to date who will briefly (3-5 min) share with delegates what progress they have made to date with learning, costing and undertaking *trusted data certification*. In the second phase, community members will convene around, and report back on, one or two particularly challenging topics, allowing for in-depth discussion, sharing strategies and opportunities for progress. Lastly there will be an opportunity for an exchange of sample text, processes and approaches to addressing CTS requirements which are proving challenging to community members. The BoF will enable the process of developing knowledge base around certification processes.

ACKNOWLEDGEMENT

REFERENCES

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