Our approach to Core Trustworthy Data Repositories Requirements

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In the trend of Open Science, discussion toward publishing research data is increasingly active in Japan, regarding datasets obtained by publicly-funded research activities. However, the research fields that are able to accept data from researchers to the repository in Japan are very few.

In order to publish data sustainable and stable, we are required to have reliable data repository (Trustworthy Data Repository). This means "data repository is getting some kind of certification" is recognized, and is spreading globally. However in Japan, there are only 4 data repositories which have acquired international certification (such as World Data System Certification and so on), the international action is delayed.

In December 2017, we have held a workshop titled "Workshop on Practical Information Sharing on CoreTrustSeal Certification[1]" to discuss for CoreTrustSeal Certification Requirements[2] using 5 participated data repositories' responses. And to futher understand the 16 CoreTrustSeal certification requirements, we continue to discuss at the Research Data Utilization Forum (RDUF) "Network Construction of Participants in Research Field Repository" subcommittee.

The Core Trustworthy Data Repositories Requirements are intended to reflect the characteristics of trustworthy repositories. Each Requirement in the Catalogue is accompanied by guidance text to assist applicants in providing sufficient evidence. There consist of background information, Organization Infrastructure, Digital Object Management and Technology. However, we have found that it is difficult to document the self-assessment of data repository with these abstract requirements. We need to clearly indicate the applicability and characteristic requirement items for domestic data publishing agencies and research field data repositories.

In order to obtain trustworthy as an international data repository, we will introduce the activities we are conducting and the current situation and introduce our effort goal.

[1] https://www.coretrustseal.org/

[2] http://www.coretrustseal.org/wp-content/uploads/2017/01/Core_Trustworthy_Data_Repositories_Requirements_01_00.pdf

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