

Repository Certification: European examples of collaborations

Trustworthy Data Repositories Workshop
National Institutes of Health

Session 4; Tuesday, April 9, 2019; 10:30 a.m. – 11:00 a.m.

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CLARIN: Common Language Resources and Technology Infrastructure



CLARIN Centres

CLARIN's distributed network is made out of **centres**. There are several types of centres. The backbone of CLARIN is provided by technical centres, in particular **Service Providing Centres** or **CLARIN B-Centres**, for short. These units, often a university or an academic institute, offer the scientific community access to resources, **services** and knowledge on a sustainable basis. Therefore, there are strict criteria to become a CLARIN B-Centre: it should be based on a stable **technical** and institutional foundation. The **Assessment Committee** checks these **requirements** during an **assessment procedure**, which is initiated by the centre and the assessment takes place in the **Centre Committee**.

3. External assessment of data centre

Requirement: Centres need to have a proper and clearly specified repository system and participate in a quality assessment procedure as proposed by the CoreTrustSeal⁴.

Details: For CoreTrustSeal see <https://www.coretrustseal.org>. The centre cannot be certified as a B Centre until the CoreTrustSeal assessment is achieved, but the CLARIN assessment procedure can be completed as long as the CoreTrustSeal assessment is applied for.

<https://www.clarin.eu/content/clarin-centres>
<https://www.clarin.eu/content/centre-requirements-revised-version>

CESSDA: Consortium of European Social Science Data Archives

The CESSDA Trust Group offers both existing and aspiring service providers guidance and support in meeting a range of issues and standards relating to trusted data and services. CESSDA requires the adoption of specific criteria such as the internal obligations required from all members ([CESSDA statutes](#)) and the trustworthy digital repository (TDR) requirements set by the [CoreTrustSeal](#).

These goals must be met within the evolving infrastructure (skills, services and technology) of European and international research data science.

CESSDA Trust Group consists of a core of service providers with experience in trust standards and certification and key contacts representing each of the CESSDA members and aspiring members.

The group's goals are met through:

- Guidance, engagement and support to members in understanding, acquiring and maintaining compliance with CESSDA obligations and the requirements of the CoreTrustSeal.
- Monitoring and reviewing compliance at an individual and organisational maturity level. Engaging with trust-related elements of the CESSDA work plan including other working groups and projects.
- Maintaining an overview of the trust landscape including certification standards and the emergence of the FAIR data principles and the requirements of the European Open Science Cloud (EOSC).

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Over half of CESSDA Service Providers certified

As of June 2018, nine CESSDA Service providers have achieved Trustworthy Digital Repository (TDR) status for the period 2017-2019.

The certification is against the CoreTrustSeal, successor to the Data Seal of Approval, the selected TDR standard chosen by CESSDA to signify compliance with trust best practices.

“CESSDA service providers acquiring an internationally recognised certification such as CoreTrustSeal is the best signal that we can send that CESSDA offers high quality data services based on a network of trusted repositories all across Europe,” stated Ron Dekker, Director of CESSDA ERIC.

<https://www.cessda.eu/About/Working-Groups>

<https://www.cessda.eu/News-Events/News/CESSDA/Over-half-of-CESSDA-Service-Providers-certified>

CESSDA: Consortium of European Social Science Data Archives

Additional requirements

CoreTrustSeal *PLUS*

<https://www.clarin.eu/content/chec/klis-clarin-b-centres>



Annex 2

Service Providers' Obligations

CESSDA Service Providers shall have the following obligations:

1. be compliant with the agreed elements of the DDI metadata standard that are required to enable the member/observer to contribute to CESSDA ERIC activities and which will be identified by CESSDA ERIC;
2. adopt and apply the common single sign-on user authentication system(s) recommended by CESSDA ERIC;
3. enable the harvesting of their resource discovery metadata and relevant additional metadata for inclusion in the CESSDA ERIC data portal;
4. make their data holdings downloadable through common data gateways as far as permitted by the relevant legislation and regulations;
5. ensure that the applicable national language(s) within the multi-lingual thesaurus are maintained;
6. share their data archiving tools (under the intellectual property conditions provided for in Article 16 of the Statutes);
7. adhere to the principles of the Open Archival Information System reference model and any agreed CESSDA ERIC requirements for operating trusted repositories;
8. contribute to CESSDA ERIC's cross national data harmonisation activities;
9. contribute material and/or expertise to the cross-national question bank;
10. provide mentor support for CESSDA ERIC Observers and their representative Service Providers to achieve full Membership;
11. provide member support for countries with immature and fragile national infrastructures to help them build up needed competence later to be able to fulfil tasks as Members;
12. facilitate access to national government and research funded relevant data, dependent on national legal systems;
13. adhere to CESSDA ERIC's Data Access and Dissemination Policies;
14. adhere to the provisions of CESSDA ERIC policies as required.

EUDAT: Collaborative Data Infrastructure



D2.3: Strategic Certification Plan

Author(s)	Heiko Tjalsma (DANS), Pascal Dugénie (CINES)
Status	Final
Version	v2.0
Date	25/1/2016

Abstract:

This Strategic Certification Plan contains a roadmap aimed at achieving DSA certification within the EUDAT infrastructure. It sets out how the DSA, the Data Seal of Approval, chosen by the EUDAT2020 project as its primary vehicle for certification, will enable trust in the EUDAT infrastructure.

<https://b2share.eudat.eu/records/cde35f0addd24d469a7cc731dfe41c19>



NDE: Dutch Digital Heritage Network



WEGWIJZER
CERTIFICERING VOOR
DIGITALE ARCHIEVEN

NETWERK DIGITAAL ERFGOED

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<https://wegwijzercertificering.nl/nl>

Main Takeaways



- Adding domain/community specific requirements to the Core TDR Requirements
- Receiving training and guidance as a community on certification
- Setting up working group within the community (coalition of the willing/pioneers, lead by front runners) to work towards certification goals
- Internal informal reviews of self assessments within a trusted, familiar environment

Are volume discounts available? A volume discount of -25% is available for umbrella organizations certifying ten (10) or more data repositories. The administrative fee must be paid upfront for processing 10 or more certifications by the umbrella organization. The vouchers can be used during a 3-year period and additional vouchers can be added at the same discounted rate.

<https://www.coretrustseal.org/apply/administrative-fee/>