CoreTrustSeal

From academic collaboration, to sustainable services

IASSIST & CARTO 2018: Once Upon a Data Point: Sustaining our Data Storytellers, 1 June 2018, Montreal

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In this presentation

• CoreTrustSeal in short
• History of CTS
• Design and delivery of service
• Benefits of CTS certification
• Future plans
CoreTrustSeal in short
CORETRUSTSEAL DATA REPOSITORY CERTIFICATION

Promote trust and confidence in your shared data resources.

Apply for certification

DATA REPOSITORIES REQUIREMENTS
Explore the 16 Core Trustworthy Data Repositories requirements which are intended to reflect the characteristics of trustworthy repositories.

READ MORE

HOW TO APPLY
We encourage repositories to seek core certification against Trustworthy Data Repositories Requirements

READ MORE

LIST OF CERTIFIED REPOSITORIES
Explore CoreTrustSeal certified data repositories

READ MORE
Important Links
- About
- Core Certified Repositories
- Data Repositories Requirements
- Apply for CoreTrustSeal Data Repository certification

Upcoming Events
There are no upcoming events at this time.

Newly Certified repositories
- Tilburg University Dataverse
- The Language Bank of Finland
- The ILC4CLARIN Centre at the Institute for Computational Linguistics
- LDC Catalog
- Subscribe to markers
Back to the history...
A (very) brief history of CoreTrustSeal

In the beginning there was the OAIS...

...and the OAIS said:

“let there be certification”
Timeline (from DSA perspective)

- **OAIS draft version**: 1997
- **First edition of the DSA by DANS**: 2008
- **European Framework for Audit and Certification**: 2010
- **RDA DSA-WDS Partnership Working Group on Certification**: 2013
- **Core Trust Seal launched**: 2017

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- **ISO 14721**: 2003
- **DSA International Board established**: 2009
- **Second revision of DSA Guidelines**: 2013
- **DSA and WDS announce new ‘Core Trustworthy Data Repository Requirements’**: 2016
- **CTS becomes a legal entity**: 2018
Design and delivery of service
CoreTrustSeal Governance

• Legal foundation under Dutch law
• Governed by the **Standards and Certification Board**
  • 12 elected members representing the Assembly of Reviewers
  • ex officio members representing CTS Supporting Organization
  • 3-year terms renewable once
• The **Assembly of Reviewers** consists of:
  • Qualified volunteer Reviewers designated by CTS certified Repositories
  • CTS Board
  • WDS Scientific Committee members part of a CTS certified data repository
• Members of the Assembly of Reviewers
  • can stand for election on the CTS Board and vote in elections (one vote for each CoreTrustSeal certified Repository)
  • will conduct a minimum of 2 CoreTrustSeal reviews per year
Founding CTS Board

- **Mustapha Mokrane** *(World Data System)* – Chair
- **Herve L’Hours** *(UK Data Archive)* – Vice-chair
- **Mari Kleemola** *(Finnish Data Archive)*
- **Ingrid Dillo** *(Data Archiving and Networked Services)*
- **John Faundeen** *(USGS EROS Centre)*
- **John Howard** *(James Joyce Library, University College Dublin)*
- **Wim Hugo** *(South African Environmental Observation Network)*
- **Toshihiko Iyemori** *(WDC Geomagnetism, University of Kyoto)*
- **Reyna Jenkins** *(Ocean Networks Canada)*
- **Jonas Recker** *(GESIS-Leibniz Institute for the Social Sciences)*
- **Robert R. Downs** *(CIESIN-SEDAC, University of Columbia)*
- **Paul Trilsbeek** *(Max Planck Institute for Psycholinguistics)*
- **Rorie Edmunds** *(World Data System)*
- **Ilona von Stein** *(Data Archiving and Networked Systems)*
CoreTrustSeal: What We’ve got

16 Requirements:
• Organizational infrastructure (6)
• Digital object management (8)
• Technology (2)
CoreTrustSeal: What you get

As of January 2018... a bill for 1000 Euros
CoreTrustSeal: What you get

As of January 2018… a bill for 1000 Euros
This covers the administrative costs:
• Secretariat
• Website
• Support for Reviewers

You’re not paying to get reviewed by, and feedback, from two experienced TDR peer representatives whose conclusions are reviewed by a full Board.
Concise evidence statement for each requirement
- responding to the requirement
- addressing guidance (but it's not a Q&A)
- being honest and clear about your organisation

Supported by documented evidence online
- evidence statement should identify which part of the evidence is relevant, and why
- brief English resume of evidence which is not in English
Benefits of CTS certification
What’s CTS for? Up to you!

• Information
• Education
• Conversation
• Organisation

• Certification
• Recognition
• Contribution
Benefits of certification

• Build the confidence of stakeholders,
• Improve documentation,
• Gain assurance that you are following best practice,
• Demonstrate transparency,
• Improve processes,
• Raise awareness about the importance of digital preservation,
• Spend less time on audit and certification as compared to audit and certification through other programs,
• Improve communication among staff members,
• Join a community of repositories who have demonstrated their commitment to digital preservation and following best practice.

CTS future plans
Certification as a Service for Complex Partnerships

• Questions:
  • how we define the acceptable scope of outsourcing
  • which requirements it might apply to
  • the level of control (and supporting evidence) applicant must provide to support assurances of trustworthiness

• Clear service level agreements are one key element of trust in complex partnership and outsourcing models.
Widening the Evidence and Certification Community

• The heritage of TDR standards leads to an inevitable focus on OAIS-defined repositories undertaking active data preservation by data/disciplinary experts for Designated Community with a defined Knowledge Base.

• CTSis increasingly receiving queries about how more general purpose repositories or institutional repositories with a broad disciplinary remit might be better supported.

• Need ways to ensure an unbroken chain of trust from data creation/collection to use.
Thank you! Questions?

• https://www.coretrustseal.org/
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