Taylor & Francis
Online

Home ▶ All Journals ▶ Information Science ▶ Library & Archival Security ▶ List of Issues
▶ Volume 22, Issue 2 ▶ A Place for Safekeeping: Ensuring Respon ....

Original Articles

A Place for Safekeeping: Ensuring Responsibility, Trust, and Goodness in the Alliance Digital Repository

Jessica Branco Colati & Gregory C. Colati

66 Cite this article ↗ https://doi.org/10.1080/01960070902904118

Sample our Information Science journals, sign in here to start your FREE access for 14 days

📄 Full Article   🖼 Figures & data   66 Citations   📊 Metrics   🖨 Reprints & Permissions

Read this article   ⦏ Share

Abstract

If a repository is simply a place to put things for safekeeping, then a secure digital repository has a much higher bar to clear. In 2006, the Colorado Alliance of Research Libraries' Alliance Digital Repository (ADR) program committed itself to build a stable, secure, and scalable repository that meets, as much as any repository can, the requirements of trustworthiness and satisfies not only the guiding literature but also the needs and expectations of its member institutions. In doing so they discovered that security is a combination of responsibility, trust, and goodness.

KEYWORDS:

best practices | consortial development | digital repository | standards | trustworthiness

Notes

1. Rory McLeod, P. Wheatley, and P. Ayris, "Lifecycle Information for e-Literature: Full Report from the LIFE Project," 2006, http://eprints.ucl.ac.uk/1854/40 (accessed Dec 2008).

2. RLG-NARA Task Force on Digital Repository and Certification, "Trustworthy Repositories Audit & Certification: Criteria and Checklist (TRAC)," Center for Research Libraries, 2007, http://www.crl.edu/content.asp?l1=l3&l2=58&l3=162&l4=91 (accessed Dec 2008).

3. Colorado Alliance of Research Libraries, "About the Alliance," http://www.coalliance.org/index.php?option=com_weblinks&catid=36&Itemid=81 (accessed Dec 2008).

4. Ibid.

5. Alliance Member Institutions and Libraries (July 2008): Colorado College: Tutt Library; Colorado School of Mines: Arthur Lakes Library; Colorado State University: CSU Libraries; Colorado: Denver Public Library; Regis University: Regis Libraries; University of Colorado–Boulder: University Libraries; University of Colorado Colorado Springs: Kraemer Family Library; University of Colorado Denver: Auraria Library, Health Science Library; University of Denver: Penrose Library; University of Northern Colorado: UNC Libraries; University of Wyoming: UW Libraries. Colorado Alliance of Research Libraries, "Alliance Members," http://www.coalliance.org/index.php?option=com_content&task=view&id=26&Itemid=43 (accessed Dec 2008).

6. Colorado Alliance of Research Libraries, "ADR Resources-Mission and Vision," http://adrresources.coalliance.org/content/view/18/67/ (accessed Dec 2008).

7. Ibid.

8. Ibid.

9. RLG/OCLC Working Group on Digital Archive Attributes. Trusted Digital Repositories: Attributes and Responsibilities (TDR). (Dublin, OH: OCLC, 2004), 1. http://www.oclc.org/programs/ourwork/past/trustedrep/repositories.pdf

10. Rachel Heery and Sheila Anderson, "Digital repositories Review," Joint Information Systems Committee (JISC) (2005), http://www.jisc.ac.uk/uploaded_documents/digital-repositories-review-2005.pdf.

11. National Information Standards Organization Framework Working Group, A Framework of Guidance for Building Good Digital Collections, 3rd ed. (Baltimore, MD: NISO, 2007), http://www.niso.org/publications/rp/framework3.pdf

12. Consultative Committee for Space Data Systems (CCSDS), "Reference Model for an Open Archival Information System," National Aeronautics and Space Administration, 2002, http://public.ccsds.org/publications/archive/650 × 0b1.pdf (accessed Dec 2008)

13. RLG-NARA Task Force on Digital Repository and Certification, "TRAC," http://www.crl.edu/content.asp?l1=13&l2=58&l3=162&l4=91# (accessed Dec 2008).

14. DRAMBORA (Digital Repository Audit Method Based on Risk Assessment), http://www.repositoryaudit.eu/ (accessed Dec 2008).

15. RLG-NARA Task Force on Digital Repository and Certification, "TRAC," 3.

16. NISO Framework Working Group, A Framework, 1.

17. CCSDS, "OAIS," 1-1.

18. Ibid.

19. NISO Framework Working Group, Framework, 26.

20. Ibid., 61.

21. Paul Conway, "Overview: Rationale for Preservation and Digitization," in Handbook for Digital Projects: A Management Tool for Preservation and Access, ed. Maureen K. Sitts (Andover, MA: Northeast Document Conservation Center, 2000), 15–30.

22. CCSDS, "OAIS," 2–5.

23. Ibid., 4-1.

24. RLG/OCLC Working Group on Digital Archive Attributes, "TDR," 5.

25. RLG-NARA Task Force on Digital Repository and Certification, "TRAC," 3.

26. NISO Framework Working Group, Framework, 86.

27. RLG-NARA Task Force on Digital Repository and Certification, "TRAC," 16.

28. Ibid., 20–43.

29. RLG/OCLC Working Group on Digital Archive Attributes, "TDR," 10.

30. RLG-NARA Task Force on Digital Repository and Certification, "TRAC," 9.

31. Colorado Alliance of Research Libraries, "ADR Resources-Policies," http://adrresources.coalliance.org/content/view/27/94/ (accessed Dec 2008).

32. Infrastructure, for the purposes of this section, includes power and environmental controls, physical security, and connectivity, as well as dedicated hardware and software that supports the repository service and its functionalities.

33. Heery, "Digital Repositories Review," 17.

34. Introduction to Fedora Object XML, http://www.fedora.info/download/2.0/userdocs/digitalobjects/introFOXML.html (accessed Dec 2008).

35. MODS Guidelines Levels of Adoption, http://wiki.dlib.indiana.edu/confluence/display/DLFA-quifer/MODS+Guidelines+Levels+of+Adoption (accessed Dec 2008).

Related research ⓘ

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email

✉ Sign me up