

# INLS 752: Digital Preservation and Access

## Fall 2009

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### Supplement: Recommended Resources and Readings

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#### RECOMMENDED READINGS

##### TOPIC: OVERVIEW, FUNDAMENTAL CONCEPTS AND PERSPECTIVES:

- Higgins, Sarah. "The DCC Curation Lifecycle Model." *International Journal of Digital Curation*, Vol 3, No 1 (2008). <http://www.ijdc.net/ijdc/article/view/69/69>

##### TOPIC: DIGITAL CURATION

- H.R. Tibbo, C. Hank, C.A. Lee, & R. Clemens (Eds.), *Proceedings of DigCCurr2009: Digital Curation: Practice, Promise, and Prospects, April 3-5, 2009, Chapel Hill, NC, 2-3*. Chapel Hill, NC: School of Information and Library Science, University of North Carolina at Chapel Hill. Available as free download at: <http://stores.lulu.com/DigCCurr2009>

##### TOPIC: OAIS

- CCSDS 650.0-B-1: Reference Model for an Open Archival Information System (OAIS). Blue Book. Issue 1. January 2002. [This Recommendation has been adopted as ISO 14721:2003.] <http://public.ccsds.org/publications/archive/650x0b1.pdf>

##### TOPIC: TRUSTED REPOSITORIES:

- nedor Working Group on Trusted Repository Certification. Catalog of Criteria for Trusted Digital Repositories, Version 1.0. (2006). <http://edoc.hu-berlin.de/series/nedor-materialien/8en/PDF/8en.pdf>
- RLG, "Trusted Digital Repositories: Attributes and Responsibilities." Mountain View, CA: Research Libraries Group, 2002. <http://www.rlg.org/legacy/longterm/repositories.pdf>
- Tufts and Yale: *Fedora and the Preservation of University Records*. Section 1.5: "Requirements for Trustworthy Recordkeeping Systems and the Preservation of Electronic Records in a University Setting." 2006. <http://repository01.lib.tufts.edu:8080/fedora/get/tufts:UA069.004.001.00005/bdef:TuftsPDF/getPDF>

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#### RESOURCES

##### TERMINOLOGY

- California Digital Library (CDL): Glossary. <http://www.cdlib.org/inside/diglib/glossary/index.html>
- Digital Preservation at ICPSR: Glossary. <http://www.icpsr.umich.edu/cocoon/DP/glossary.xml>

- Networked European Deposit Library (NEDLIB): NEDLIB Glossary. <http://nedlib.kb.nl/glossary.pdf>
- North Carolina Exploring Cultural Heritage Online (NC ECHO): Digitization Guidelines Glossary. [http://www.ncecho.org/dig/guide\\_glossary.shtml](http://www.ncecho.org/dig/guide_glossary.shtml)
- Preserving Access to Digital Information (PADI), National Library of Australia: A compilation of glossaries is available through the project website. <http://www.nla.gov.au/padi/format/gloss.html>

## ORGANIZATIONS AND ASSOCIATIONS

- AHDS: Arts and Humanities Data Service. <http://www.ahds.ac.uk/index.htm>
- AIIM: Association for Information and image Management. <http://www.aiim.org/>
- APSR: Australian Partnership for Sustainable Repositories. <http://www.apsr.edu.au/index.html>
- ARL: Association of Research Libraries. <http://www.arl.org>
- CLIR: Council on Library and Information Resources. <http://www.clir.org/>
- CNI: Coalition of Networked Information. <http://www.cni.org/>
- CRL: Center for Research Libraries. <http://www.crl.edu/>
- DCC: Digital Curation Centre. <http://www.dcc.ac.uk/index>
- DELOS: Network of Excellence on Digital Libraries. <http://www.delos.info/>
- DLF: Digital Library Federation. <http://www.diglib.org/>
- DPE: DigitalPreservationEurope. <http://www.digitalpreservationeurope.eu/>
- DPC: Digital Preservation Coalition. <http://www.dpconline.org/graphics/index.html>
- ICPSR: Inter-university Consortium for Political and Social Research. See “Digital Preservation at ICPSR.” <http://www.icpsr.umich.edu/DP/index.html>
- IIPC: International Internet Preservation Consortium. <http://netpreserve.org/about/index.php>
- Internet Archive. <http://www.archive.org/index.php>
- JISC: Joint Information Systems Committee. <http://www.jisc.ac.uk/>
- LIPA: Legal Information Preservation Alliance. <http://www.aallnet.org/committee/lipa/>
- NARA: National Archives & Records Administration. <http://www.nara.gov>
- NEDLIB: Networked European Deposit Library. <http://nedlib.kb.nl/>
- NEH: National Endowment for the Humanities. <http://www.neh.gov/>
- NINCH: National Initiative for a Networked Cultural Heritage. <http://www.ninch.org/ninch.html>
- OCLC: Online Computer Library Center. <http://www.oclc.org/>
- PADI: Preserving Access to Digital Information. <http://www.nla.gov.au/padi/>
- PLANETS: Digital Preservation Research and Technology. <http://www.planets-project.eu/>
- Portico. <http://www.portico.org/>
- SURFfoundation. <http://www.surffoundation.nl/smartsite.dws?ch=ENG&id=5289>
- UKOLN (formerly, UK Office for Library Networking). <http://www.ukoln.ac.uk/>

## PROJECTS AND INITIATIVES

- CAMiLEON: Creative Archiving at Michigan & Leeds: Emulating the Old on the New. <http://www.si.umich.edu/CAMiLEON/>
- CASPAR: Cultural, Artistic and Scientific Knowledge for Preservation, Access and Retrieval. <http://www.casparpreserves.eu/>
- CEDARS: CURL Exemplars in Digital Archives. <http://www.leeds.ac.uk/cedars>
- The Chesapeake Project: Legal Information Archive. <http://www.legalinfoarchive.org/>

- Chronicling America: Historic American Newspapers. <http://chroniclingamerica.loc.gov/>
- DigCCurr: Preserving Access to Our Digital Future: Building an International Digital Curation Curriculum. <http://www.ils.unc.edu/digccurr/>
- digiCULT: Technology Challenges for Digital Culture. <http://www.digicult.info/pages/index.php>
- The Digital Archives at the National Archives (UK). <http://www.nationalarchives.gov.uk/preservation/digitalarchive/>
- Digital Duurzaamheid: Digital Longevity Department at the Dutch National Archive. <http://www.digitaleduurzaamheid.nl/index.cfm?paginakeuze=286>
- ERPANET: Electronic Resource Preservation and Access Network. <http://www.erpanet.org/about.php>
- Fedora and the Preservation of University Records (Yale University and Tufts University). <http://dca.lib.tufts.edu/features/nhprc/index.html>
- InterPARES I, II, and III: International Research on Permanent Authentic Records in Electronic Systems. <http://www.interpares.org/>
- ISO Working Group on Digital Repository Audit and Certification. <http://wiki.digitalrepositoryauditandcertification.org/bin/view>.
- JISC Digital Media (formerly TASI). <http://www.jiscdigitalmedia.ac.uk/>
- LIFE: Life Cycle Information for E-Literature. <http://www.life.ac.uk/about/>
- LOC DP: Library of Congress Digital Preservation division (including information on NDIIIP, the National Digital Information Infrastructure and Preservation Program). <http://www.digitalpreservation.gov/>
- KEEP: Keeping Emulation Environments Portable. <http://www.keep-project.eu/ezpub2/index.php>
- Kopal: Data into the Future. [http://kopal.langzeitarchivierung.de/index\\_projektverlauf.php.en](http://kopal.langzeitarchivierung.de/index_projektverlauf.php.en)
- MDUD: Managing the Digital University Desktop. <http://www.ils.unc.edu/digitaldesktop/>
- MIRACLE: Making Institutional Repositories a Collaborative Learning Environment. <http://miracle.si.umich.edu/>
- nector: Network of Expertise in Long-Term Storage of Digital Resources. <http://www.langzeitarchivierung.de/index.php?newlang=eng>
- OAI: Open Archives Initiative. <http://www.openarchives.org/>
- PARSE.insight: Permanent Access to the Records of Science in Europe. <http://www.parse-insight.eu/>
- PRESERV: PREservation Eprint SERvices. <http://preserv.eprints.org/>
- RepoMMan: Repository Metadata and Management project. <http://www.hull.ac.uk/esig/repomman/>
- Repositories Support Project (RSP). <http://www.rsp.ac.uk/>
- TEI: Text Encoding Initiative. <http://www.tei-c.org/>
- trustDR: Trust in Digital Repositories. <http://trustdr.ulster.ac.uk/>
- UKDA: UK Data Archive. <http://www.data-archive.ac.uk/Introduction.asp>

## DIGITAL REPOSITORY REGISTRIES

- NII Institutional Repositories Program, Current IRs in Japan. <http://www.nii.ac.jp/irp/en/list/>
- OpenDOAR: Directory of Open Access Repositories. <http://www.opendoar.org/>
- ROAR: Registry of Open Access Repositories. <http://roar.eprints.org/>

## SOFTWARE & SUBSCRIPTION SERVICES (Open Source and Commercial)

- Archive-It. <http://www.archive-it.org/>
- CDS Invenio. <http://cdsware.cern.ch/invenio/index.html>
- ContentDM. <http://www.contentdm.com/>
- Digital Commons. <http://www.bepress.com/ir/>
- DigiTool (Ex Libris). <http://www.exlibrisgroup.com/category/DigiToolOverview>
- Documentum (EMC). <http://www.emc.com/products/family/documentum-family.htm>
- DPubS: Digital Publishing System. <http://dpubs.org/>
- DSpace. <http://www.dspace.org/>
- EPrints. <http://www.eprints.org/>
- ETD-db. <http://scholar.lib.vt.edu/ETD-db/developer/index.shtml>
- Fedora. <http://www.fedora-commons.org/>
- Greenstone. <http://www.greenstone.org/>
- HarvestRoad Hive (Giunti Labs). [http://www.giuntilabs.com/HarvestRoad\\_Hive/index.php](http://www.giuntilabs.com/HarvestRoad_Hive/index.php)
- iRODS: Integrated Rule-Oriented Data System. <https://www.irods.org/index.php/>
- LOCKSS: Lots of Copies Keep Stuff Safe. <http://www.lockss.org/lockss/Home>
- SRB: Storage Resource Broker. [http://www.sdsc.edu/srb/index.php/Main\\_Page](http://www.sdsc.edu/srb/index.php/Main_Page)
- Web Curator Tool (WCT). <http://webcurator.sourceforge.net/>

## FILE FORMATS

- DROID: Digital Record Object Identification. <http://droid.sourceforge.net/wiki/index.php/Introduction>
- GDFR: Global Digital Format Registry. <http://www.gdfr.info/>
- IANA (Internet Assigned Numbers Authority) MIME (Multipurpose Internet Mail Extensions) Media Types. <http://www.iana.org/assignments/media-types/>
- JHOVE: JSTOR/Harvard Object Validation Environment. <http://hul.harvard.edu/jhove/>
- Library of Congress: Digital Formats Website. <http://www.digitalpreservation.gov/formats/index.shtml>
- PRONOM. <http://www.nationalarchives.gov.uk/PRONOM/Default.aspx>
- Wotsit.org. <http://www.wotsit.org/>

## METADATA:

- DCMI: Dublin Core Metadata Initiative. <http://dublincore.org/>
- METS: Metadata Encoding and Transmission Standard. <http://www.loc.gov/standards/mets/>
- MIX: Metadata for Images in XML Schema. <http://www.loc.gov/standards/mix/>
- MODS: Metadata Object Description Schema. <http://www.loc.gov/standards/mods/>
- OAI-PMH: Open Archives Initiative Protocol for Metadata Harvesting. <http://www.openarchives.org/pmh/>
- OAI-ORE: Open Archives Initiative Object Reuse and Exchange. <http://www.openarchives.org/ore/>
- PREMIS: PREservation Metadata: Implementation Strategies Working Group. <http://www.oclc.org/research/projects/pmwg/default.htm>
- SWAP: Scholarly Works Application Profile. <http://www.ukoln.ac.uk/repositories/digirep/index/SWAP>

## OPEN ACCESS AND SCHOLARLY COMMUNICATION

- BOAI: Budapest Open Access Initiative. <http://www.soros.org/openaccess/>
- Create Change. <http://www.createchange.org/>
- DOAJ: Directory of Open Access Journals. <http://www.doaj.org/>
- SHERPA: Securing a Hybrid Environment for Research, Preservation, and Access. <http://www.sherpa.ac.uk/about.html>
- SPARC: Scholarly Publishing and Academic Resources Coalition. <http://www.arl.org/sparc/>
- SPARC Europe. <http://www.sparceurope.org/>

## INTELLECTUAL PROPERTY RIGHTS

- Chilling Effects Clearinghouse. <http://www.chillingeffects.org/>
- Copyright Website. <http://benedict.com/>
- Creative Commons. <http://creativecommons.org/>
- EFF: Electronic Frontier Foundation. <http://www.eff.org/>

## POLICIES

- OpenDOAR Policies Tool. <http://www.opendoar.org/tools/en/policies.php>
- ROARMAP: Registry of Open Access Repository Material Archiving Policies. <http://www.eprints.org/openaccess/policysignup/>

## GRANT-MAKING

- Grants.gov. <http://www.grants.gov/>

*Note: Also, see section on Organizations and Associations for other funding agencies.*

## TUTORIALS

- BCR's Digital Toolbox. <http://www.bcr.org/cdp/digitaltb/index.html>
- Digital Preservation Management: Implementing Short-Term Strategies for Long-term Problems. [http://www.icpsr.umich.edu/dpm/dpm-eng/eng\\_index.html](http://www.icpsr.umich.edu/dpm/dpm-eng/eng_index.html)
- Moving Theory into Practice: Digital Imaging Tutorial. <http://www.library.cornell.edu/preservation/tutorial/contents.html>

## BEST PRACTICE GUIDELINES:

- AHDS: Guides to Good Practice in the Creation and Use of Digital Resources. <http://ahds.ac.uk/creating/guides/index.htm>.
- Calimera: Good Practice Guidelines: Digital Preservation. [http://www.calimera.org/Lists/Guidelines/Digital\\_preservation.htm](http://www.calimera.org/Lists/Guidelines/Digital_preservation.htm).
- JISC Digital Media: Advice Documents. <http://www.jiscdigitalmedia.ac.uk/advice/>
- NARA: Technical Guidelines for Digitizing Archival Materials for Electronic Access. <http://www.archives.gov/preservation/technical/guidelines.html>
- NDCC: *Handbook for Digital Projects: A Management Tool for Preservation and Access*. Andover, MA: NEDCC, 2000. <http://www.nedcc.org/resources/digitalhandbook/dman.pdf>

- UKOLN: Good Practice Guide for Developers of Cultural Heritage Web Services. <http://www.ukoln.ac.uk/interop-focus/gpg/>
- UNESCO: Guidelines for the Preservation of Digital Heritage. <http://unesdoc.unesco.org/images/0013/001300/130071e.pdf>

#### STANDARDS BODIES:

- NISO: National Information Standards Organization. <http://www.niso.org/home>
- ISO: International Organization for Standardization. <http://www.iso.org/iso/home.htm>

#### BIBLIOGRAPHIES AND RESOURCE LISTS:

- Bishoff, Liz. "Digital Preservation Readiness Webliography." Northeast Document Conservation Center, April 2008. <http://www.nedcc.org/resources/leaflets/6Reformatting/08DigitalPreservationReadiness.php>
- Charles W. Bailey, Jr. Scholarly Electronic Publishing Bibliography, Version 75. May 12, 2009. <http://www.digital-scholarship.org/sepb/archive/75/sepb.html>
- DCC Resource Center. <http://www.dcc.ac.uk/resource/>
- Preserv Bibliography on Digital Preservation. <http://preserv.eprints.org/Preserv-bibliography.html#tools>

#### NEWSLETTERS/E-JOURNALS/BLOGS

- D-Lib Magazine. [www.dlib.org](http://www.dlib.org)
- DPC/PADI: What's New in Digital Preservation. <http://www.dpconline.org/graphics/whatsnew/index.html>
- digiCULT: Technology Challenges for Digital Culture newsletter. <http://www.digicult.info/pages/newsletter.php>
- DigitalKoans. <http://www.escholarlypub.com/digitalkoans/>
- Digital Curation Blog. <http://digitalcuration.blogspot.com/>
- Digitization 101. <http://hurstassociates.blogspot.com/>
- DPE newsletter. <http://www.digitalpreservationeurope.eu/publications/#newsletters>
- First Monday. <http://www.firstmonday.org/>
- Hanging Together, a blog of RLG program staff at OCLC. <http://hangingtogether.org/>
- IJDC: International Journal of Digital Curation. <http://www.ijdc.net/ijdc/>
- Information Science blog channel at scienceblogs.com: <http://scienceblogs.com/channel/information-science/>
- JODI: Journal of Digital Information. <http://journals.tdl.org/jodi>
- PLANETS: Digital Preservation Research and Technology newsletter. <http://www.planets-project.eu/newsletters/>
- RLG DigiNews (archived issues available). <http://www.oclc.org/programs/publications/newsletters/diginews.htm>
- The Ten Thousand Year Blog. <http://davidmattison.ca/wordpress/>

**LISTSERVS (Subscriptions and Archives)**

- Best Practices Exchange: Acquiring, Preserving and Providing Access to Government Information in a Digital Era: <http://www.bpexchange.org/>
- digipres@ala.org: American Libraries Association (ALA) Digital Preservation Mailing List. <http://lists.ala.org/www>
- JISC Digital Preservation Discussion List. <http://www.jiscmail.ac.uk/lists/digital-preservation.html>
- JISC Repositories Discussion List. <http://www.jiscmail.ac.uk/archives/jisc-repositories.html>
- Padiform-I Discussion List. <http://www.nla.gov.au/padi/forum/>
- SPARC Institutional Repositories Discussion List. <https://mx2.arl.org/Lists/SPARC-IR/>
- SPARC Open-Data@arl.org. <https://mx2.arl.org/Lists/SPARC-OpenData/List.html>