



Woodson Research Center Digital Preservation Policy

Revised: January 2017

<http://library.rice.edu/guides/digital-preservation-policy>

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Primary Policy Aims

Woodson Research Center's Digital Preservation Policy provides guidance and authorization for preservation of its digital materials, whether born digital or digitized from analog formats. WRC recognizes digital archival records as requiring thoughtful preservation actions in order to ensure long-term access, similar to analog records' needs, but more time sensitive. Steps must be taken to ensure the authenticity, reliability and long-term accessibility of these materials. This digital preservation serves the needs of Rice University as our incoming University Archives are increasingly in born-digital format (e-mail, meeting minutes, still images, video files, data sets and more), and many manuscript collections contain electronic formats as well.

Risk Assessment

Our institution and its collections are currently at high risk as we are in the early years of our digital preservation program. We have digital collections with a wide range of formats, some of which have are becoming obsolete (e.g. 5" floppy disks, proprietary e-mail), and for these we lack important metadata, particularly technical and preservation metadata.

Needs Statement

Our digital resources are part of our collections, and as such, they require a digital preservation policy that establishes terms of selection and retention, as well as a formal preservation program to assure their long term accessibility.

Project/Purpose Statement

The purpose of our Digital Preservation Policy is to establish a long-term digital preservation solution for our institution that will assure accessibility to special collections and unique resources.

Goals and Objectives

In accordance with our primary mission to **support the institutional, research and public service programs of the University**, WRC plans to assure the long term access of our collections by continuing the digital preservation program which was developed in 2014.

Projects to Undertake in 2017

- Continue to develop and [update electronic records processing manual](#)

Projects to Undertake in 2017

- Enhance the storage plan for items stored in AmazonGlacier (video masters, nearline AIPs from DDN2 server) to also feature 2 local external hard drive copies with scheduled checksum validations
- Continue to develop and [update electronic records processing manual](#)
- Audio and video digitization, packaging and storage
 - Audio:
 - KTRU reel-to-reel, with public-facing content beginning to go online in Spring 2017. Largely digitized. Requires metadata embedding in audio files, and discussion of IR metadata.
 - Shepherd performances audiocassette digitization and posting in IR
 - Video:
 - Rice Public Affairs video content - ca 4 TB per year. Create plan and workflow for finished access videos and raw content.
 - Jefferson Davis documentary video interviews (part of UA 018) – pending interviewee approval, process with OHMS and post in IR.
 - "One Nation Under God" film project video interviews, 2005-2008 (MS 604) - for interview content, develop transcripts and process as AIPs for nearline.
- Ongoing: Processing of current digital collections stored on in-house project-server for final location of either public repository (scholarship.rice.edu) or nearline reading room access (dark DDN2 server with Amazon Glacier backup).

- Prioritized collections include RiceArtGallery, Robert Avalon MS 612, and items marked for nearline.
- Ongoing: Legacy media prioritization, weeding, packaging and storing of content
 - Items identified in various archival collections via WRC Inventory of Legacy Media formats
 - Continuing with 3.5" floppy discs.
 - Inventory includes formats such as CDs, DVDs, floppy discs, disc drives, flash drives and more. This project will require weekly work sessions and will take longer than one year to complete.

Organizational Commitments

- To continue to support relevant workstations such as the BitCurator station and software such as Droid, BagIt, QuickHash as well as consulting on relationships with cloud storage vendors such as Amazon Glacier (for off-site back-up storage of nearline materials) and Archive-It (for website archiving)

Financial Commitments

Possible funding to transform files into a more maintainable format for ingest into a preservation system.

Personnel

- Sara Lowman, University Librarian - institutional support
- Lee Pecht, Dir. of Spec. Coll. - institutional support
- Amanda Focke, Asst. Head of Spec. Coll. - curatorial support (WRC)
- Dara Flinn, Archivist / Librarian - curatorial support (WRC)
- Rebecca Russell, Archivist / Librarian - curatorial support (WRC)
- Norie Guthrie, Archivist / Librarian - curatorial support (WRC)
- Lisa Spiro, Ex. Dir. of DSS - advisory support (DSS)
- Monica Rivero, Digital Curation Coordinator - advisory support (DSS)
- Fondren IT - technical support

These roles are more fully defined below in the section **Roles & Responsibilities**

Preservation & Quality Control

Use and update "[donor guidelines for electronic formats](#)" document to address not only

preferred file formats, but information on our migration or normalization plans. Point to wiki where appropriate.

Preservation Metadata

Our project will follow appropriate national standards and best practices on the role, use, and creation of preservation metadata that fit our collections as established by organizations including LC, NARA, DLF, and others.

We create standard preservation metadata as required by the OAIS model of information packages, including reference (unique ID), provenance (description in finding aid and/or structural metadata), context (item's relation to the whole) and fixity (checksums). This is created using BitCurator disk images & reports, or alternatively, using a combination of DROID, exiftool, BagIt or QuickHash, structured into a formal Archival Information Package.

Roles & Responsibilities

Our parent organization, Rice University, and the Fondren Library provide financial support for preservation of the digital collection by providing archival, digital curation, and IT staff, and by budgeting funds to acquire hardware, software, and cloud storage space to manage digital collections.

The Woodson Research Center provides curatorial support (including the creation of proper metadata) for collections; prepares collections for ingest; and monitors collections within the preservation system.

Digital Scholarship Services provide advisory services, guidance and review of the curatorial activities of the Woodson Research Center (including review of metadata, review of the ingest of collections, and monitoring collections within the preservation system.)

Fondren IT provides technical support by consulting with the WRC and DSS in acquiring hardware, software, and cloud storage space to manage digital collections.

Training/Education

Our institution will invest in training opportunities that will meet the specific needs of preservationists, metadata specialists, systems specialists, archivists, and legal specialists. These individuals will be expected to train the rest of our personnel about various aspects of digital preservation. Four of our staff have attended significant SAA DAS training workshops and have passed the DAS exam.

Evaluation and Updating

This Digital Preservation Policy will be reviewed and updated annually by the Woodson

Research Center and Digital Scholarship Services in conjunction with Fondren IT. A copy of this plan is available on the Fondren Library website.

This document is based on the NEDCC Digital Preservation Policy

Template: <http://www.nedcc.org/assets/media/documents/SoDAExerciseToolkit.pdf>