

Day 2, Wednesday, July 25, 2012

Concurrent Sessions and Tools Demos

Session 1 – 12:45 – 1:45 pm

Bridging the Gap through Digital Stewardship Training and Education – Cavalier A

Presenters: George Coulbourne, Library of Congress

Kris Nelson, Library of Congress

Jefferson Bailey, Fellow; Library of Congress

This workshop will discuss the initiatives of the Digital Preservation Outreach and Education (DPOE) and National Digital Stewardship Residency (NDSR) programs.

Participants will contribute to program efforts by helping brainstorm ways to expand digital preservation education materials and by identifying digital stewardship tools and activities that can be used during training and instruction.

<http://www.digitalpreservation.gov/education/index.html>

<http://www.digitalpreservation.gov/ndsr/>

Sustaining the UDFR – Cavalier B

Presenter: Stephen Abrams, UC Curation Center, California Digital Library

The Unified Digital Format Registry (UDFR) is poised to become a key piece of preservation infrastructure. This workshop will explore ways to facilitate the transition of the UDFR from a funded research project to a sustainable, community supported resource, particularly with regard to long-term operational and governance considerations.

udfr.org/

Planning Digital Preservation at Different Scales for Smaller Institutions – Cavalier C

Presenters: Jessica Branco Colati, Northeast Document Conservation Center

Jennifer Gunter Kind, Hampshire College

Deborah J. Rossum, SCOLA

This session will explore 3 models developed at 3 different types of organizations; a start-up electronic records project at an undergraduate liberal arts college; best practices for digital preservation at a video broadcast archive; and digital preservation education and assessment programs at the Northeast Document Conservation Center. Following the presentations, the speakers will engage the audience in a focused discussion of tangible next steps needed to support smaller institutions in building capacity for digital preservation; i.e. through consortiums, greater visibility, mechanisms to share techniques and resources, and additional ideas to be filled in by audience participants.

Tools Demo #1: Access – North Ballroom 1

Viewshare

Presenter: Trevor Owens, Library of Congress

Viewshare is a free and easy-to-use tool for creating dynamic interfaces to digital collections (maps, timelines, image galleries, etc). In this demo you will see how you can use this web application to quickly create these interfaces from spreadsheets, MARC records, and Dublin Core data imported via OAI-PMH.

viewshare.org/

Using Neatline to Plot Archives on Maps and Timelines

Presenter: David McClure, University of Virginia, Scholars' Lab

Neatline, a suite of plugins for the Omeka framework, makes it possible to create rich, interpretive views on archival collections by plotting records on maps and timelines. The demo will walk through basic process of connecting an Omeka collection with Neatline and show the core functionality of the editing environment: Draw out complex spatial vectors and lay down points and time spans, configure custom layouts, create time-series animations to show change over time, and drag records into ordered narratives. Participants can follow along in real-time using the Neatline Sandbox, a free trial version of the software available at neatline.org/

Tools Demo #2: Auto ID – North Ballroom 2

Digital Forensics for Digital Archives

Presenter: Mark A. Matienzo, Yale University Library

This demo will focus on using digital forensics tools and applications to work with the acquisition and processing of records for archives and special collections.

File Information Tool Set (FITS)

Presenter: Andrea Goethals, Harvard University

Come see a demo of the File Information Tool Set (FITS) – an open source tool maintained by Harvard Library. FITS wraps third party open source tools to identify file formats, extract metadata, validate formats, and output technical metadata in community-standard XML schemas.

fits.googlecode.com

Session 2 – 3:00 – 4:00 pm

Experiences with TRAC: Chronopolis, HathiTrust and Portico – Cavalier A

Presenter: David Minor, Chronopolis, UCSD Library

Jeremy York, HathiTrust

Amy Kirchhoff, Portico

This is a panel with the three organizations that have completed TRAC. We will talk about our experiences of the process.

Preserving Electronic Records in the States – Cavalier B

Speakers: Cal Lee, University of North Carolina at Chapel Hill

Jim Corridan, Indiana Commission on Public Records

Matt Veatch, Kansas State Historical Society

Speakers will address recent and emerging electronic records collaborations, including several projects funded under the "Preserving State Government Information" initiative of the Library of Congress (LC) National Digital Information Infrastructure and Preservation Program (NDIIPP), and the State Electronic Records Initiative (SERI) of the Council of State Archivists (CoSA). They will discuss implications for the practical reality of electronic records work in specific states and opportunities for future engagement across the states.

Defining Levels of Preservation (Sponsored by the NDSA Innovation Working Group) – Cavalier C

Presenters: Members of the NDSA Innovation Working Group

Over the last year, working groups in the National Digital Stewardship Alliance have worked to draft a concise and easy to use rubric to help organizations manage and mitigate technical digital preservation risks. In this session we will present the work to date and invite comment from session participants.

Tools Demo #3: Digital Preservation Systems – North Ballroom 1

Archivematica

Presenter: Courtney C. Mumma, Artefactual Systems, Inc.

Archivematica is a free and open-source digital preservation system that is designed to maintain standards-based, long-term access to collections of digital objects. Using the web-based dashboard interface, we will process digital materials through ingest to archival storage and access, in compliance with the ISO-OAIS functional model.

www.archivematica.org/

DAITSS Web Services

Presenter: Priscilla Caplan, Florida Virtual Campus

The DAITSS preservation repository application is composed of a set of RESTful Web services that can also be used in a standalone fashion or integrated with other applications. We will present four of the services that could be used this way: the Description Service (which performs file identification, description, and validation), the Action Plan Service (which ascertains what processing should be done on the file), the Transformation Service (which controls the creation of normalized or migrated versions), and the XML Resolution Service (which downloads XML schema necessary to validate XML files submitted as content to archive).

Tools Demo #4: Web Archiving – North Ballroom 2

Using CINCH: The Capture, INgest, CHecksum tool

Presenter: Lisa Gregory, State Library of North Carolina

CINCH is a tool that automates the transfer of online content from a freely accessible location on the internet to a repository, using ingest technologies appropriate for digital preservation. This demo will show you what CINCH delivers, and explain how the State Library uses CINCH in its workflow.

cinch.nclive.org/

An Introduction to the Heritrix Open Source Web Crawler

Presenter: Kris Carpenter Negulescu, Internet Archive

This presentation will provide an overview of the Heritrix Open Source web crawler project, common use cases and configurations, as well as a brief summary of the current h3 code base and architecture.

webarchive.jira.com/wiki/display/Heritrix/Heritrix

Tools Demo #5: Web Archiving

Archive-It: Archiving & Preserving Digital Content – Cavalier A

Presenter: Lori Donovan, Internet Archive

We will be demonstrating Archive-It, a subscription web archiving service from the Internet Archive that helps organizations to harvest, build, and preserve collections of digital content. Through our user friendly web application Archive-It partners can collect, catalog, and manage their collections of archived content with 24/7 access and full text search available.

www.archive-it.org

WARCreate - Create Wayback-Consumable WARC Files from Any Webpage

Presenter: Mat Kelly, Old Dominion University

There is a need to preserve content on social media websites and the personal web by those that wish to archive their digital history for future generations. We have created a Google Chrome extension, WARCreate, that allows a user to create a WARC file from any webpage, effectively allowing for preservation and replay of content that otherwise would be lost in time.

matkelly.com/warcreate

Funders Speed Dating – Cavalier B (sign up required at registration desk)

Funding Agencies: Institute of Museum and Library Services

National Historical Publications and Records Commission

National Endowment for the Humanities

This session will offer the opportunity for attendees to meet one-on-one with the panelists/funders in the "Funding the Digital Preservation Agenda: A Status Report and Open Discussion with Major U.S. Granting Institutions." Attendees may discuss ideas for project proposals or other topics of interest.

Assessing and Mitigating Bit-Level Preservation Risks, an NDSA Infrastructure Working Group Panel Discussion – Cavalier C

Presenters: John Spencer, BMS/Chace LLC

Priscilla Caplan, Florida Virtual Campus

Andrea Goethals, Harvard University

Micah Altman, MIT Libraries

Moderator: Trevor Owens, Library of Congress

How many copies should your organization keep? How frequently should you check the fixity of digital content? There are a range of tactics organizations can take to mitigate bit-level preservation risks, but how do we find the sweet spot. In this session you will start with a series of short talks about particular bit level threats and then turn to an open discussion of how organizations can better develop strategies for mitigating these risks.

Tools Demo #6: Ingest Tools – North Ballroom 1

Inventory and workflow tools for managing digital collections at the Library of Congress

Presenters: Brendan Mannix, Rosie Storey and Kate Zwaard, Library of Congress

We will demo the inventory and workflow software developed at the Library of Congress used to manage our digital collections, with a focus on the iterative, modular approach to repository development we have taken.

Open Source Digitization Tools

Presenters: Kate Murray, Courtney Egan and Jeff Reed, National Archives and Records Administration

The Digitization Services Branch at the National Archives and Records Administration (NARA) has developed a number of software applications to facilitate digitization workflows. These applications have significantly increased our productivity and improved the accuracy and completeness of our digitization work. As part of NARA's open government initiatives, NARA is sharing several applications through GitHub.

github.com/usnationalarchives

Tools Demo #7: Digital Preservation Systems and Cloud Services – North Ballroom 2

DuraCloud for Digital Archiving and Preservation Services

Presenters: Michele Kimpton and Andrew Woods, DuraSpace

We will demonstrate how to ingest your content into DuraCloud, and how DuraCloud works to check the health of your content, and synchronize copies of your content all in the cloud.

www.duracloud.org

Preservica - Digital Preservation as a Service

Presenters: Mark Evans and Mike Thuman, Tessella Inc

A live demonstration of the new cloud based digital preservation service recently launched by Tessella. Participants will see the creation and ingestion of a SIP, and a demonstration of preservation planning and action.

www.preservica.com