

COPPUL Digital Stewardship Network Community of Practice Mixer

April 18, 2024 @ 12pm Pacific / 1pm Mountain / 2pm Central

Hosted by the [CDSN Community of Practice](#)

Quick links:

[Sign up for the mailing list](#)

Suggested topics for future mixers:

- Software Preservation (the doomsday scenario...)

Lightning talks (~10 min each)

Preserving Written Stories

Sarah Little and Heather Walker

Collections staff at the [Canadian Museum of Immigration](#) will talk about the decisions they made to preserve their valuable and unique written stories. Immigration stories have been submitted to the Museum since 1996, in a variety of formats including email, text documents, scanned images and hand-written letters. The team worked to transfer born-digital and digitized story files and their metadata from cataloguing records to a digital preservation system.

- [Share your story](#) page
- The [story collection](#)
- Preservica acquired 2021
- Preservation packaging

Born Digital Records on CDs and DVDs

Lisa Lawlis, Assistant Archivist, Archives and Special Collections, Western University Library

I'm working on a large digitization project of AV records and recently discovered that the collection has about 2000 CDs and DVDs! I've never dealt with getting born-digital records off of CDs and DVDs and was hoping to present and get some advice from people! I would be happy to present and provide a brief introduction to the project and then present my proposed workflow for dealing with CDs and DVDs and get people's feedback!

- [NEDCC Fundamentals of AV Preservation](#)
- [Museum of Obsolete Media](#)
- Assessment matrix rating: content value, media stability, obsolescence, material type...
- [DPC Bit List](#) of endangered digital species
- [DROID](#) (for file manifest & fixity)
 - Demo and overview from DPC:
<https://www.dpconline.org/handbook/tool-demos/droid-demo>
- Big question: how to deal with the CDs?
 - Content in this case is primarily video, some audio. Some born-digital, some digitized
 - [Handbrake](#) - free, open source video encoder (many endorsements!)
 - Chat:
 - Sadly, motion picture film is less at-risk (in even marginally well-controlled storage conditions) than videotape or digital storage media! The reasons for this include data density, the rate of technical obsolescence for born-digital materials, and the greater degree of machine-dependence for cassette and digital media...
 - I haven't done work quite at this scale, but I've migrated records off a bunch of optical media! Here are a few things we do:
 - - a unique ID for each physical object is helpful for keeping track of things--we use barcodes
 - - track migration metadata of each physical object as you migrate (we track the tools we used to do the migration, the person who did the migration, any information about the specific brand/type of disc)

- - this is probably part of the item-level description you inherited, but also track any information, like labels, from the physical object
- - I've found that cheap USB optical drives from Amazon tend to be more versatile in which discs they can read
- If you're worried about physical breakdown of the discs before you can get to them, maybe create **ISO files** (full disc image) for each - <https://www.howtogeek.com/228886/how-to-create-iso-files-from-discs-on-windows-mac-and-linux/>
- Re: figuring out what to get rid of: Yeah, that's fascinating, especially for **items that can't be read/rendered**, just making decisions on discarding them. Also, I'm thinking how you manage things that you decide you want to deaccession on the CDs (I think that might be the case for some of the content on many CDs you have if it is duplicates or copies).
 - Keep a record of that/what you tried to rescue the material - proof you tried!
 - Or, is more expedient to consider deaccessioning as a separate project, after, rather than trying to do it on the fly

Q&A (~20 min)

- What tools do people use for audio CDs?
 - [Teracopy](#) - "Streamline your file management tasks by enhancing Windows file copy and move functions."
 - Can preserve 'created' date?
 - [dBpoweramp](#) - CD ripper & audio converter
 - Windows Media Player & iTunes for creative arts theses, but not recommended if there are better/open tools
 - EZ Audio Extract (maybe?)
 - [Exact Audio Copy](#) (used by AV conservator)
 - [Audacity](#) - has been used to capture content from audio CDs
 - The Preserve This Podcast project has generated some fantastic materials on audio preservation: <http://preservethispodcast.org/>
- Recommendations for video capture specifications when creating digital stories that aid in digital preservation?

- For student projects, perhaps other cases, I can imagine the advantage of communicating this info at the front end
- Our (the Cdn Museum of Immigration) oral history AV standards are based on LAC, LoC, FADGI, CARLI guidelines, if that helps too.
- [Library of Congress Recommended Formats Statement](#)

Community notes



Handbrake! <https://handbrake.fr/>

If you're worried about physical breakdown of the discs before you can get to them, maybe create ISO files (full disc image) for each -

<https://www.howtogeek.com/228886/how-to-create-iso-files-from-discs-on-windows-mac-and-linux/>

I haven't done work quite at this scale, but I've migrated records off a bunch of optical media! Some tips:

- a unique ID for each physical object is helpful for keeping track of things--we use barcodes
- track migration metadata of each physical object as you migrate (we track the tools we used to do the migration, the person who did the migration)
- this is probably part of the item-level description you inherited, but also track any information, like labels, from the physical object
- create a checksum for migrated files once you've migrated them
- I've found that cheap USB optical drives from Amazon tend to be more versatile in which discs they can read