Digitization Overview and Best Practices

Mark Leggott, University of PEI/discoverygarden inc
Don Walsh, Memorial University
Access 2013 Conference, St. John’s Newfoundland
Why Digitize? ML/DW

- **Access**
  - To provide specific community or public with access to rare/distant/fragile material
  - Enhance access via search+, disabled users

- **Preservation**
  - To conserve analogue assets and preserve for the long term
Who? DW

- In house
  - Building staff expertise is a key opportunity is using internal resources
  - Students also make great digitization staff
  - Metadata
Who? DW

- Outsource
  - Consider for expensive digitization, system customization and hosting
PHENIX INSURANCE CO.

OFFICE, NEW YORK.

Assets January 1st, 1899 - $5,670,149.

This Firm has been in existence since 1899.

Court of Claims:

POLICIES Issued for terms of One Month to Twelve Months.

The Triumph of Passion

A New Adultery for Ladies

NEW GOODS!

BLUE, BROWN AND GRAY BEANS AND MEAL

READY MADE CLOTHES,

P. KENNEDY TAILOR.

Sewing Machines

CHEAPEST AND BEST.

Henry Heath, Water Street, Appleton 
J. V. Phipps.

WILLIAM BREW.

NEW GROCERIES.

WHOLESALE AND RETAIL.

GARMENTS AND MATTRESSES.

136. COX. 347 Water St.

STOCK TAKING SALE

GRAIN WAREHOUSE.

BARGAINS! BARGAINS!

REDUCED GOODS, Starting at 50c. up.

RETAIL PRICES, from $1.50.

Drumming Stoves, $5.00.

ALL KITCHEN WARES,各种品项。

WINTER GLOVES, $2.00.

T. C. KENNEDY

NEWSPAPERS AND MAGAZINES.

103, O'BRIEN, 

Railway Station.
What? ML/DW

- Special/Unique Collections form the core
- Any kind of collection is potential, including artifacts with multiple views & data
- Emphasis on local helps build community
- Find collections attractive to donors, e.g. local histories, Celtic music, UPEI history
- Similar to our approach for analogue info
Slade and Kelson Diaries

The Slade and Kelson diaries contain a day to day account of the business firm’s daily activities at Trinity as well as general information on the state of the fishery, shipping, weather and the comings and goings of the various vessels and people. The diaries were kept by William Kelson, the manager for the company at Trinity from 1809-1851. The diaries that make up this virtual exhibit cover the time period 1822-1852, the earlier years will be forthcoming, however were not included as part of this current exhibit due to their current fragile condition.

Through these diary entries you will be told and will be able to interpret for yourself, the distinctive class system that was set up in Trinity, like in most rural areas of Newfoundland, whereby the merchant set up the business, brought the required artisans and tradesman and then fishermen/labourers came and settled to be close to services that were being provided.

You will learn how they along with the other large mercantile firm, operated by Benjamin Lester, controlled the fishery on the northeast coast of Newfoundland and how they were able to regulate everything from fish prices to the structure of society.

Sponsor
Trinity Historical Society Archives

Associated Website:
Trinity Historical Society Inc.
United Church Archives - H.M. Dawe Photograph Collection

Scope and Content
The H. M. Dawe Collection consists of textual material, photographs, lantern slides, 35 mm slides, and 16 mm films - all related to life in Newfoundland and Labrador in the mid-Twentieth Century. Available here are high-resolution scans of nearly 900 photographs from the collection, most of which were taken by H.M. Dawe throughout his missionary travels across the province between 1938 and 1959. These images provide rare photographic depictions of life and work in Newfoundland during this era, including many unique shots of communities, churches, boats, and people. The physical photographs, as well as the remainder of the collection, are currently housed in the United Church Archives in St. John's.

Biography
Herven Maxwell Dawe was born to parents Robert and Julia Dawe on December 12, 1906 in Cupids, Conception Bay, where he also completed his early schooling. After two years of working as a school teacher, he became a candidate for ministry in the United Church in 1925 and moved to Montreal to further his education. He graduated with a B.A. from McGill University in 1932, and went on to complete a Bachelor of Divinity from Montreal's United Theological College in 1934. Over the course of his education he served pastoral charges in Manitoba for three summers as a student, and it was there that he became interested in the Church's missionary work. This is also where he met his wife, Iris Windross, with whom he had three children - Ruth (Whelan), Ross, and Ryerson. The family also included foster son, Morris Haug.

Dawe was ordained in the Newfoundland Conference of the United Church of Canada in June 1934 at George Street
The Collegian is the yearbook of Prince of Wales Collegiate, Paton Street, St. John's, Newfoundland. PWC was founded in 1859 as the Methodist College. The first yearbook (magazine) was published in 1896 by the headmaster of the time, Robert Holloway.

The Collegian contains reports, essays, and photographs that document the history of the school system that included the following schools: Methodist College, Prince of Wales College, Holloway School, Harrington School, and Prince of Wales Collegiate, and included the following Protestant denominations: Methodist (United Church), Presbyterian, and Congregational.

The Collegian has remained in publication since it first appeared in 1896.

Click here to see other Newfoundland and Labrador Periodicals/Newsletters available on the DAI.

Click here to see all collections containing periodicals on the DAI.

Sponsor
Memorial University - Archives and Special Collections

Associated Website:
Archives and Special Collections
How? DW

1. Evaluate and select material
   a. Depts come to us
2. Clear permission to use material
   a. Up to content owners
3. Determine technical specifications
   a. Metadata (consultation)
   b. File formats
4. Develop workflows
   a. Standardize where possible
5. Determine resources needed
   a. Can owner digitize?
   b. To our specs?
   c. Will let owner hire students and Library oversee work
6. Decide if you will outsource
   a. Newspaper example
8. Identify and acquire necessary resources
   a. Type of scanner needed?
   b. Need to get equipment?
9. Hire and train staff
   a. Students can train others
   b. Staff supervisor
10. Execute the project
   a. Create the content and metadata, e.g. using bib control services
   b. Add content and metadata, often as a batch process
11. Test, Polish and Launch
Workflows

Adding a simple compound object (Book)
Memorial Workflow

- Items received for processing
- Items passed to students for processing
- Check scan quality during process
- Completed scans go to staging area to be renamed
- Renamed scans copied, copies resized for PDF creation
- PDF files are OCR-ed
- PDF files converted to PDF/A
- Files added to the DAI
Memorial Workflow

Items received for processing

Items can come from different departments around campus.

Items can come from off campus.

We even receive items from outside the province.
Memorial Workflow

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Students are trained to handle digitization in all mediums. Books, Large Scale Maps, Videos, Film, Audio, Slides, etc.

Students then train new recruits to do the work.
The quality of the scans are checked by myself and the students themselves.

I have certain criteria that must be meet:
Pixel width and height and DPI / PPI (600)
Memorial Workflow

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- PDF files converted to PDF/A
- Files added to the DAI

Completed scans go to staging area to be renamed

File names should be readable and make sense to the user.

- 0001_Cover.jpg
- 0002_Inside_Cover.jpg
- 0003_Blank_Page.jpg
- 0004_Blank_Page.jpg
- 0005_Title_Page.jpg
- 0006_Abstract.jpg
- 0007_Acknowledgements.jpg
- 0008_Table_of_Contents.jpg
- 0009_Page_i.jpg
- 0010_Page_vi.jpg
- 0011_List_of_Tables.jpg
- 0012_List_of_Figures.jpg
- 0013_Page_ix.jpg
- 0014_Abbreviations.jpg
- 0015_Page_xi.jpg
- 0016_Page_1.jpg
- 0017_Page_2.jpg
- 0018_Page_3.jpg
- 0019_Page_4.jpg
- 0020_Page_5.jpg
- 0021_Page_6.jpg
- 0022_Page_7.jpg
- 0023_Page_8.jpg
- 0024_Page_9.jpg
- 0025_Page_10.jpg
Memorial Workflow

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Renamed scans copied... copies resized for PDF creation

After trial and error we have decided on 1600 pixels wide (keeping aspect ratio) and 600 dpi as a file size to create PDFs.

Of course this may vary depending on the images / material being scanned.
The reason for the 1600 wide pixel width is to ensure the best quality for OCR-ing.

OCR-ing enables the user to search the PDF for words and phrases.
Memorial Workflow

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PDF files converted to PDF/A

PDF document opened on a computer that did not have the font used in the PDF installed.

**PDF/a embeds fonts so this can’t happen.**
Memorial Workflow

At this point we are ready to ingest the files into our digital repository. With the CONTENTdm system files are OCR-ed on the fly during upload.
Facilities DW

Equipment you may need and possible costs
Student staff - train new students
ELMO 16mm Movie Projector Unit, Telecine Video Transfer to DVD NTSC or PAL

16mm, Super 16mm, Ultra 16mm Film to DVD NTSC or PAL

Condition: New

Quantity: 1 / 2 available / 4 sold

Price: US $1,695.00

Buy it Now

Add to cart

Shipping: Calculate

Item location: Ann Arbor, Michigan, United States

Ships to: Worldwide

Delivery: Varies

Payments: PayPal

Returns: No returns or exchanges, but item is covered by eBay Buyer Protection.
3/4 in, Broadcast Beta, VHS
Video work station
TOSHIBA DVR620 DVD Recorder/VCR Combo with 1080p Upconversion

Be the first to review this product...

In stock:

- DVD-R (Video Mode), DVD+R, DVD-RW (VR & Video Mode), DVD+RW (VR Mode), VHS
- 1-Disc
- Dolby Digital

Protect Your Investment!
- 1-year extended warranty (more options) $19.99

ADD TO CART

Price Alert
$299.00
Future Shop has them as low as $99.95

TEAC AD-RW900 $600
All you really need is a Cassette Deck
Analog Audio to Digital

USB phono plus $100
Audio Processing Software

Sound forge Audio Studio  $64.95
Our Main Workhorse

Epson GT-20 000 $1500
**Document Feeder**

**Kodak i1420**  **$4,000.00**

**Recommended Daily Volume:**
**Up to 7,500 pages per day**
Spine Remover

Believe it or not
$3,000.00
Photo Scanner

Kodak i1220  $1,198.87
Slide Scanner

PowerSlide 5000
$1,000.00

Holds 50 slides
Flatbed with Transparency

Epson Perfection 4870 $100
ScanPro 1000
Microfilm-Microfiche Scanner

The new 3000 now available.
I believe the 1000 was about $7,000.00
PLAYING FOR PRIVILEGE: AN ETHNOGRAPHY
OF PLAY IN A SUMMER CAMP

by

Zelda Ruth Cohen, B.A.

A thesis submitted in partial fulfillment of the requirements for the degree of Master of Arts in Anthropology

Memorial University of Newfoundland
August 1980

St. John's
Newfoundland
ColorTrac SmartIf Gx+T56

Close to $30,000.00
We shared the cost with our Maritime History History Archive
Audio from university community
To preserve we need to be able to digitize
Video 8

Found on eBay
$275.00
I've seen them with screen for $325.00
Microcassette

Can usually be found on eBay for around $100.00
Anyone remember these?
### Staff Skills ML

- Project Manager
- Subject Matter Expert/Selector
- Conservator
- Metadata
- Scanning tech
- Quality control/Test
- Data entry tech
- Programmer/tech
- Systems admin
- Interface designer
- Documentation

Project budgets will vary widely
UPEI has used soft funds to add resources to core team for most projects
Quick rule of thumb:
Staff estimate x 1.3 = Project Budget
Add/subtract for outsourcing/in-kind
Digital Library interfaces typically include:
- Browse (title, name, date, format, geo)
- Search (keyword, fielded, boolean)
- Faceting, Timelines, Mapping
- My List Creation, Export/Print
Colonial Building from Hughes Corner, ca. 1860s
Source: Public Archives and Records Office - Acc2702/s23/6

Welcome
Clamor

Clamor es un portal de conocimiento que aspira a ir incorporando toda la actividad concertística de música española desarrollada en la Fundación Juan March desde su inicio en 1975. Clamor enriquece el audio de las grabaciones en vivo,...

Acceso a la colección

Conciertos
Compositores
Obras
Intérpretes
Programas de mano
Partituras

Obras

Audio completo en streaming de unas 800 obras, entre ellas más de 300 estrenos, grabadas en vivo en los conciertos de la Fundación. Una parte sustancial de estas obras no se interpreta con regularidad o no se encuentra disponible en registros comerciales.
Gender and generation

Lelepa is a small island off the northwestern coast of Efate in central Vanuatu. The history of the inshore fisheries of Lelepa Island is the story of changing technologies, changing gender roles and, most profoundly, changing needs and priorities of fisherpeople. Over time, marine species have deve...

Constrcuting realities

Research on Pacific Islands has revealed the pivotal involvement of women in all aspects of fisheries, from harvesting through processing to marketing. Women are not "just gleanng"; they are making essential contributions to local food security and in many cases, also enabling the commerc...
Step 1: Select your citations

- Constructing realities
  Author(s): Novaczek, Mitchell, WorldFish Cent.

- An institutional analysis of sasi laut in Maluku, Indonesia
  Author: Novaczek

- Temporal variation of stream and intragravel water temperatures in an Atlantic salmon (Salmo salar) spawning area in Catamaran Brook (New Brunswick)
  Author(s): Caissie, Giberson, Caissie

- Sentinels in the bay
  Author(s): St-Hilaire, Stephen, Kent, Ribble

- Eosinophilic granule cell degranulation may be mediated by local nerves

Remove Selected

Step 2: Export the formatted citations

Format: HTML  Style: APA 5th Edition  Export Selected
Prince of Wales College Opens

Completed in 1900, the Prince of Wales College building was designed by architect C. B. Chappell.
Welcome to Memorial University's Digital Archives Initiative (DAI), your gateway to the learning and research-based cultural resources held by Memorial University and partnering organizations. From books and maps to photographs, periodicals, video and audio, the DAI hosts a variety of collections which together reinforce the importance, past and present, of Newfoundland and Labrador's history and culture.

**Browse our collections...**

<table>
<thead>
<tr>
<th>New!</th>
<th>Audio</th>
<th>Books</th>
<th>Finding Aid</th>
<th>Maps</th>
<th>Periodicals</th>
<th>Photos</th>
<th>Videos</th>
<th>Theses</th>
<th>By Sponsor</th>
<th>List All</th>
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<tr>
<td><strong>Our Newest Collections!</strong></td>
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Great Read: Slade and Kelson Diaries - Living in Trinity, 1823
<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Subject</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Number 001. Newsletter - Association of Canadian Map Libraries</td>
<td>Association of Canadian Map Libraries; Association des cartothèques canadiennes; Map collections--Canada--Periodicals; Cartography--Periodicals</td>
<td>Inaugural Issue. The primary purpose is to inform Association members of the progress of its various committees. Names and contacts for the committees are listed, as are the members of the Association...</td>
</tr>
<tr>
<td>2</td>
<td>Number 002. Newsletter - Association of Canadian Map Libraries</td>
<td>Association of Canadian Map Libraries; Association des cartothèques canadiennes; Map collections--Canada--Periodicals; Cartography--Periodicals</td>
<td>Number 002. Newsletter - Association of Canadian Map Libraries</td>
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<tr>
<td>3</td>
<td>Number 003. Newsletter - Association of Canadian Map Libraries</td>
<td>Association of Canadian Map Libraries; Association des cartothèques canadiennes; Map collections--Canada--Periodicals; Cartography--Periodicals</td>
<td>Includes a list of papers and presenters from the Association's third annual conference, a report from the Geography and Map Subsection of the International Federation of Library Associations (IFLA); news...</td>
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<tr>
<td>4</td>
<td>Number 004. Newsletter - Association of Canadian Map Libraries</td>
<td>Association of Canadian Map Libraries; Association des cartothèques canadiennes; Map collections--Canada--Periodicals; Cartography--Periodicals</td>
<td>Number 004. Newsletter - Association of Canadian Map Libraries</td>
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<td>5</td>
<td>Number 005. Newsletter - Association of Canadian Map Libraries</td>
<td>Association of Canadian Map Libraries; Association des cartothèques canadiennes; Map collections--Canada--Periodicals; Cartography--Periodicals</td>
<td>Number 005. Newsletter - Association of Canadian Map Libraries</td>
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</tbody>
</table>
5000 FACTS ABOUT NEWFOUNDLAND
A thousand years will come again. Bell Island. Part 02

Title: A thousand years will come again. Bell Island. Part 02
Summary: A film about the history of mining on Bell Island.
Subject: Mining--Newfoundland and Labrador--Bell Island--History
Creator: Memorial University of Newfoundland. Division of Educational Technology
Contributors: Pitt, Robert D. W., 1953-
Date: 1985
Publisher: Memorial University of Newfoundland. Division of Educational Technology
Associated Name: Memorial University of Newfoundland. Distance Education, Learning and Teaching Support (DELTs)
Duration: 30:09
Location: Canada--Newfoundland and Labrador--Bell Island
Catalogue Number: 526-28
<table>
<thead>
<tr>
<th>Title</th>
<th>A chart of the coast of America from Newfound Land to Cape Cod</th>
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<tr>
<td>Subject</td>
<td>Atlantic Coast (Canada)--Maps--Early works to 1800</td>
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<td>Atlantic Coast (N.L.)--Maps--Early works to 1800</td>
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<td>Atlantic Coast (New England)--Maps--Early works to 1800</td>
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<tr>
<td>Creator</td>
<td>Seller, John, fl. 1658-1698</td>
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</tbody>
</table>
A chart of the coast of America from Newfound Land to Cape Cod

Atlantic Coast (Canada)--Maps--Early works to 1800
Atlantic Coast (N.L.)--Maps--Early works to 1800
Atlantic Coast (New England)--Maps--Early works to 1800


Creator
Seller, John, fl. 1658-1698
Monday, January 1887

This day, inclined to be pleasant. Wheats and at Cape B. last night at 8. Started brought home by Patton. The "Flora" sailed from Cattaraugus under the northern point of Cold.

Wednesday, January 1887

Soft wind about S. W. Bread, N. W. labour paid off. and Sest. men were sent on at one o'clock.
January 17, Monday
Fine and frosty. Wind westward. Coastal steamer "Plover" left St. John's at ten a.m. [NR]

January 18, Tuesday
Fine day, inclined to be clement. "Plover" arried at Catalina last night at 11 1/2. Mails brought here by Postmaster Mifflin. The "Plover" sailed from Catalina direct to Greenspond, thence to the other northern ports of call. [NR]

January 19, Wednesday
Soft Wind about S.W. Breakwater laborers paid off today and sixty new men were sent on at one o'clock. [NR]

January 20, Thursday
Thomas Cole, B.I.C. promised Proprietor in presence of writer to rent him the store at B.I.C for summer 1887 on usual terms. [JD]

January 21, Friday
Wind South, veering later to the West. "Plover" reached Catalina, bound South, at 12 1/2 a.m. Proprietor, en route to England, started about eight this morning for Catalina to join the "Plover" for St. John's. [NR]
Newfoundland Grand Bank Dory
4D Seismic Analysis of the Hibernia Oil Field, Grand Banks, Canada

Richard James Wright
Welcome to Memorial University’s Digital Archives Initiative (DAI), your gateway to the learning and research-based cultural resources held by Memorial University and partnering organizations. From books and maps to photographs, periodicals, video and audio, the DAI hosts a variety of collections which together reinforce the importance, past and present, of Newfoundland and Labrador's history and culture.

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<th>Creator:</th>
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<tr>
<td></td>
<td>St. John's daily star,</td>
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<td>Canadian newspapers--</td>
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<td>1921-05-05</td>
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<td>Newfoundland and Labrador-</td>
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<td>John's--20th century</td>
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<td>Evening Telegram (St.</td>
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<td>Canadian newspapers--</td>
</tr>
<tr>
<td></td>
<td>John's, N.L.), 1917-07-</td>
<td></td>
<td>Newfoundland and Labrador-</td>
</tr>
<tr>
<td></td>
<td>02</td>
<td></td>
<td>John's--20th century</td>
</tr>
</tbody>
</table>
Welcome to Memorial University's Digital Archives Initiative (DAI), your gateway to the learning and research-based cultural resources held by Memorial University and partnering organizations. From books and maps to photographs, periodicals, video and audio, the DAI hosts a variety of collections which together reinforce the importance, past and present, of Newfoundland and Labrador’s history and culture.

Featured Collection:
Newfoundland and Labrador Newspapers

Suggested Collections:
1. Encyclopedia of Newfoundland
2. Newfoundland Quarterly
3. Newfoundland Almanac
4. Memorial University Theses
5. Reference Works
6. DELIS Videos

Browse our collections...
Metadata ML

- Data about data
- No functionality without metadata
- Provides basis of most interface functions
- Valuable for searching, data mining content
- Standards-based schemas best approach as it encourages interoperability
Dublin Core

- **Dublin Core** and Qualified Dublin Core
- Basic metadata format even when other more detailed schemas available
- Provides common set of elements and also facilitates federation and integration
- Can be created via a mapping from others
Descriptive Metadata ML

- Describes the digital asset/item
  - MODS, EAD, PBCore
  - MADS, EAC-CPF, FOAF
  - LIDO, CIDOC-CRM
  - Darwin Core, EML, MzXML
Technical Metadata ML

● Describes the data file and characteristics
  ○ textMD
  ○ MIX
  ○ AudioMD / videoMD

● Tools like ExifTool, Jhove, FITS extract

● Used for preservation and transformation
Administrative Metadata ML

- Describes data that help manage repository
  - When items were created
  - Access controls, copyright/license data
  - Provenance

- May be record or part of a record (e.g. METSRights)
Goal is to provide a standards-based record of the asset and any actions taken
  - the information a repository uses to support the digital preservation process
PREMIS is the de-facto standard
Most complex of the standard metadata
Best Practice Approach ML

- Goal is to leverage community knowledge and not reinvent the wheel, or create “compromised digital collections”
- Library of Congress is a key resource
  - LoC Digitizing Guidelines
  - FADGI Digitization Guidelines
Preservation Master ML

- Concept of Preservation Master file (PM) with derived, or service copies is key
- With PM & descMD (+ other MD) should be able to recreate digital collections into the future
- PM may be stored offline, or used to dynamically generate service copy
- Descriptions that follow are for PM file
File Sustainability ML

- Openness & Transparency
- Adoption as a preservation standard
- Stability & Compatibility
- Dependencies & Interoperability
- Standardization
Textual Documents DW

- Various depending on source
- Plain Text or Formatted options
- TXT, XML, PDF/A
- Other formats (e.g. pdf, doc/docx) should be converted to above when added
The Treasury of Newfoundland Dishes
Images DW

- Quality defined by PPI/DPI & tonal resolution
- Recommended:
  - JPEG/JPEG2000, PNG, TIFF, GeoTIFF
  - bitonal/24 bit colour, 600 PPI/DPI
- Higher resolution better for OCR (600)
http://www.irfanview.com/
ImageMagick® is a software suite to create, edit, compose, or convert bitmap images. It can read and write images in a variety of formats (over 100) including DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PhotoCD, PNG, Postscript, SVG, and TIFF. Use ImageMagick to resize, flip, mirror, rotate, distort, shear and transform images, adjust image colors, apply various special effects, or draw text, lines, polygons, ellipses and Bézier curves.
Audio DW

- Bit rate and bit depth define quality
- Recommended: 96 kHz / 24 bit (48/24)
- Broadcast Wave Format (BWF) preferred
  - A form of WAV file
  - Can contain metadata about recording
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>File name</td>
<td>Sound 1.wav</td>
</tr>
<tr>
<td>Location</td>
<td>F:\Music School\New Batch - Box 13\3602 Tape 4\</td>
</tr>
<tr>
<td>File size</td>
<td>318.98 MB (326,631,736 bytes)</td>
</tr>
<tr>
<td>File attributes</td>
<td>- --a- ----</td>
</tr>
<tr>
<td>Last saved</td>
<td>2012-08-21 15:08:06</td>
</tr>
<tr>
<td>File type</td>
<td>Wave (Microsoft)</td>
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<td>Audio format</td>
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<td>Audio sample rate</td>
<td>48,000</td>
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<td>Audio bit rate</td>
<td>1,411 Kbps</td>
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<td>24 bit</td>
</tr>
<tr>
<td>Audio channels</td>
<td>2 (Stereo)</td>
</tr>
<tr>
<td>Audio length</td>
<td>00:28:21.205 (81,657,856 samples)</td>
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<td>Video format</td>
<td>No Video</td>
</tr>
<tr>
<td>Video attributes</td>
<td>No Video</td>
</tr>
<tr>
<td>Video length</td>
<td>No Video</td>
</tr>
<tr>
<td>Video field order</td>
<td>No Video</td>
</tr>
<tr>
<td>Video pixel aspect ratio</td>
<td>No Video</td>
</tr>
</tbody>
</table>
Video DW

- Quality defined by frame rate & resolution
- Variety of codecs and formats a challenge
- JPEG 2000 MXF preferred
  - J2K-encoded frames in an XML wrapper
  - AVI, MOV, MPEG-4 common codecs
  - H.264/MPEG-4 AVC
HandBrake Release Preview for 0.9.9

Monday, May 06, 2013

“Compatibility means deliberately repeating other people’s mistakes.”
- David Wheeler

We are getting close to releasing 0.9.9 and require a few more people testing before we can officially push out the new release.

As such, we are releasing a “Preview” build today to showcase the upcoming release. For those of you that enjoy living on the edge, you can download this build from our [sourceforge page]. Ubuntu builds remain as nightly builds on the [Ubuntu PPA page].

Check out the [release notes] for more details.

Please post any bugs or issues you discover in the [bugs forum] or let us know via our IRC channels.

[Comments] can be discussed on our community forums.

HandBrake 0.9.8 Released!

Wednesday, July 18, 2012

“In programming, as in everything else, to be in error is to be reborn.”
- Alan J. Perlis

We’ve decided to push out another release to fix some bugs that cropped up with 0.9.7. This includes all the previous fixes for 0.9.6 including the new AppleTV3 preset and updated iPad preset. Check out the [detailed release notes] for more details.
Welcome to...

The (only) **Official**

**DVDShrink**

Site

A FREE software solution for shrinking original DVDs onto recordable media.

Please choose your desired language: 🇬🇧 🇦🇷 🇧🇷 🇨🇳 🇰🇷 🇩🇪 🇫🇷

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- Preferred, newer spec than ARC
- Better support for harvest, exchange
Offline Browser, Grab-a-Site 5.0 Software
Copy one page, or an entire site to your computer!

Grab-a-Site 5.0 is a file-based Offline Browser that combines speed, stability, and powerful filtering capabilities. If you need an industrial-strength tool that can download an entire web site while retaining the original filenames and directory structure, Grab-a-Site is for you!

Purchase Grab-a-Site $69.95  ADD TO CART
Download a Trial Version  DOWNLOAD

CONTROLLED downloading to the detail!

Downloading web pages and all their supporting files (such as graphic files, sound files, etc.) by hand can be inconvenient, time consuming and frustrating.

Blue Squirrel's Grab-a-Site addresses these problems by allowing you to download a quantity of information or an entire web site to your hard drive.

Downloading can be done in off peak hours when access lines are available and less expensive. The data may then be edited, browsed, studied, or used in any way offline at your convenience.

This makes the use and modification of the information gathered more economical and efficient. It is simple to use and cost effective for anyone working with web content.
Commission of Inquiry on Hormone Receptor Testing

The Honourable Margaret A. Cameron, Commissioner, presented the Report of the Commission of Inquiry on Hormone Receptor Testing to the Minister of Health and Community Services, Ross Wiseman, in St. John’s, Newfoundland and Labrador, on March 1, 2009.

The Report
(printed copies of the report are available from the Office of the Queen’s Printer at queensprinter@gov.nl.ca or (709) 729-3649)

Media Advisory - Presentation of Report to Government

About the Commission of Inquiry
WARCreate
Google Chrome Extension
“Create WARC files from any webpage”
MUN Digital Preservation Plan

Preservation Plan 8 May 2013
Structured Data ML

- Databases, spreadsheets, etc.
- Recommended: SIARD or CSV-style files
  - SIARD for storing databases, capturing the structure and content, uses XML
  - CSV a flat file rendering of tables & data, may need data models/dictionaries
- DDI also for complex statistical data
Sustainability of digital collections increasingly tied to local vs external

Cost effectiveness depends on availability of local IT resources
  ○ Local still good for large volumes > 10 TB
  ○ Cloud viable for smaller < 10 TB

Consortial approach brings both potentially
Hosted/Cloud Options ML

- Cloud options similar to hosted
- Amazon EC2 most common cloud platform
- OpenStack an open source alternative to building “private” cloud services
- DuraCloud uses variety of cloud providers to facilitate back-up/preservation services
Persistent Identifiers

- PURL, Handle, ARK, DOI
- Support for PURLs does not guarantee persistence or permanence
- Organizations must maintain systems regardless of type of PURL
- G. Bilder’s post on DOIs is a must read
Shared Systems/Collaboration ML

- Software systems increasingly capable, esp. when it comes to consortial hosting
- Save on cost of staff, gear, SW
- Centralized service reduces overhead, but may restrict flexibility
- Shared framework may provide additional copies/options for preservation copy
Welcome to CAIRN

CAIRN is a CAUL initiative, aimed at providing information about digital collections and data held by Atlantic Canada's post secondary institutions, and working toward both a single point of access and search for Atlantic Canadian collections and a strong network supporting best-practices data stewardship, ensuring the continuance of the history, culture, and research performed in this region.

The Repositories

- Acadia University
- Atlantic School of Theology
- Cape Breton University
- Dalhousie University
- Mount Allison University
- Mount Saint Vincent University
- NSCAD
- Nova Scotia Community College
- Saint Mary's University

The Repositories

- Memorial University of Newfoundland
- St. Francis Xavier University
- University of King's College
- University of New Brunswick – Saint John
- University of New Brunswick
- University of Prince Edward Island
- Université Sainte-Anne
- Université de Moncton
Examples: Open Source

- Easy to install & maintain
- Digital Library Collections
  - Omeka, Greenstone
- Institutional Repositories
  - DSpace, EPrints
- Islandora
  - Flexible, useful for DLCs, IRs, Research Data and any kind of digital data
  - Based on Drupal/Fedora
  - Strong multi language support
  - Solution pack approach, releases
  - Growing community
Collecting and Preserving the Stories of Katrina and Rita

The Roy Rosenzweig Center for History and New Media (CHNM) at George Mason University and the University of New Orleans organized the Hurricane Digital Memory Bank (HDMB) in 2005 in partnership with many national and Gulf Coast area organizations and individuals. HDMB was awarded the Award of Merit for Leadership in History, and is the largest free public archive of Katrina and Rita with over 25,000 items in the collection. Read More.

Featured Image

Featured Stories

“My family and I evacuated the Sunday before Katrina. We intended on staying and riding out the storm, but when we saw how much strength it had gained during the previous days of tracking it, we had no choice but to pack a couple of days' worth of clothes and food, and head out on a journey that we never would have expected.” More...

“I evacuated to Baton Rouge for Hurricane Katrina. It was the most horrible experiences of my life. We were living in an apartment with fifteen other people. It was air matresses lined up from door to door. My parents and my... More..

Browse

Images  Stories  Oral Histories  Video

Map

Tags

Katrina, New Orleans, st bernard parish, Rita, hurricane, Hurricane Katrina, nola, justice system
Collection
Smithsonian National Museum of American History Hurricane Katrina Photos

Lakeview District

Citation
Equipment for digitisation activities was funded by "Endangered Archives Programme" supported by Arcadia and administrated by the British Library through the EAP180 project.

About this collection

The first Armenian book was printed in Venice in 1512 by Yakob Meghapat. Between 1512 and 1513 he printed five titles: "Urbaragirk", "Parzaytumar", "Pataratet", "Altark" and "Tagharan". Following the initial period Armenian printing spread rapidly during the XVI-XVIII centuries into cities with large Armenian presence such as Venice, Constantinople, Rome, Lvov, Milan, Isfahan, Livorno, Marseilles, Amsterdam, Madras, Calcutta, Smyrna, Etchmiadzin, Trieste, Petersburg, Nor Nakhijevan, Astrakhan. Thanks to Armenian bibliographers Dr. Ninel Voskanyan, Revd. Dr. Vrej Nersessian and other scholars the early printed book collection has been catalogued to the highest standard in three sequences: 1512-1800; 1801-1850 and 1851-1900. Successful realisation of this project will:

- improve the facilities for Armenian and international users' accessing Armenian rare book collections;
- supply researchers with easy access to high-quality, well structured unique resources and the tools, interfaces to help them effectively organise research processes;
- open the material to scholars worldwide, currently unable to study them firsthand due to distance;
- prevent further physical deterioration of the collections.

The complete collection comprises 2 subcollections. Those currently available are:

Armenian Early Printed Books
Armenian Rare Books
Armenian Rare Books
1512-1800

Title: Թերուր (Թուրուտուշ+)
Publisher(standardized): Անուշեր Չունաբուրրի
Place (standardized): Վեդունչ
Year of Publication: 1513
Notes: Թերուր այսպիսի համար: Պատգ, 11x6,5 ամ: 380 էջ: 53,2 MB
Holdings: Armenia, Yerevan, National Library of Armenia
Year and Place of Digitization: 2012, National Library of Armenia
Copyright: Reproduction and copyright information regarding this document is available from the National Library of Armenia

Click the cover to view the interactive book.
Requires Adobe Flash Player 8+. (Download)
Public Gardens, Province House, Charlottetown, ca. 1894
Source: Public Archives and Records Office - Acc3218/39

Welcome

This site provides access to the full text of the Journals of the Legislative Assembly of Prince
Jim Bagnall (Montague-Kilmuir)

Motion was CARRIED UNANIMOUSLY and resolved accordingly.

Adjournment

8:56 On Motion of Sonny Gallant (Government House Leader), seconded by Cynthia Dunsford (Stratford-Kinlock), and with unanimous consent, the House adjourned until 2:00 p.m. on Wednesday, April 28, 2010.

WEDNESDAY, 28 APRIL 2010

The House met at 2:00 p.m.

Prayers

Routine Proceedings

Journals

Journals for Friday, 23 April 2010 were adopted by the House without amendment.

Doors were opened

Matters of Privilege

None

Statements by Members

Pat Murphy (Alberton-Roseville) made a Statement recognizing volunteer fire fighters in West Prince, PEI.

2:13 Charles McGeoghegan (Belfast-Murray River) made a Statement on the start of the spring lobster fishing season.

2:15 Hon. Leader of the Opposition made a Statement on ArtsSmart projects.

2:16 Questions by Members

Statements by Ministers

2:59 Hon. Allan Campbell (Innovation and Advanced Learning) made a Statement announcing the expansion of Advantage Communications to Summerside.

Hon. Janice Sherry (Community Services, Seniors and Labour) made a Statement recognizing today, April 28 as the annual Day of Mourning, honouring those injured or killed in the workplace.


Hon. Carolyn Bertram (Health and Wellness) made a Statement on the establishment of an Organized Stroke Care Model in Prince Edward Island.

3:10 Hon. Janice Sherry (Community Services, Seniors and Labour) made a Statement on Government’s intentions with respect to the minimum wage on PEI.

Presenting and Receiving Petitions

None
What is Island Voices?

The first phase of Island Voices (2010 – 2012) is a project focussing on the
digitization of one of Prince Edward Island’s most important collections of
folklore and oral history field recordings, the Reg “Dutch” Thompson archive.
Future phases of the project will develop a more comprehensive online
archive of PEI spoken word and music recordings.
Overview:

Interviewee(s):
Gates, Lloyd

Playing Time:
00:32:06

Interview Date(s):
2009-01-00

Interview Summary:
This is an interview with Lloyd Gates of West Royalty, Charlottetown, PEI. In this interview Lloyd talks about his service in WWII with the RCAF, driving, serving in France, Holland, coming home after the war, changes in West Royalty, hauling ice, the end of the mill, home remedies, radio, the Upton Airfield, Christmas, and various other topics.

Place(s) Discussed:
France; Holland; Charlottetown, PE; West Royalty, PE; Bell's Hill, PE

Time(s) Discussed:
WWII, 1967, 1946

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Recording Details: Lloyd Gates T2 [Tape Two]:

***This interview is
SIDE A only,

SIDE B is blank.

SIDE A 00:00:00 -- 00:06:11 Discussion about his service in WWII continues on from Tape One; medals, WWII, air force, RCAF, aircraftman, American soldiers, Holland, Dutch.

SIDE A 00:06:11 -- 00:08:03 Discussion about trips into Charlottetown and learning to drive; Charlottetown, driving, Market Square, movies.

SIDE A 00:08:03 -- 00:12:05 Discussion about serving in France
Featured Item

Valentine's Day Feature: Harry and Lucille's wedding party at the Aldine, 1917–Birch–home movies

It's Valentine's Day this week and MIRC wants to celebrate the joys of our friend cupid, who can even manage to coax a gritty young newsreel cameraman to fall in love. Ninety-six years ago Harry Birch wed his sweetheart, Lucille Horton. This film shows us the beginning of their life-long partnership.

Browse the Collection | View All Featured Items
Title:
Harry and Lucille’s wedding party at the Aldine, 1917--Birch--home movies

Description:
Scenes of Harry and Lucille’s wedding party at the 543-545 Aldine, Chicago, IL. The couple was married in Milwaukee. This film is a 16mm optical reduction from the original 35mm nitrate.
“Para mí, la música es un "diario" de la propia vida” (1944)

El Legado del compositor Joaquín Turina constituye un recorrido apasionante a través de su vida y su obra, y en suma es un fiel retrato de la época de grandes cambios que le tocó vivir.
1. **Título:**  [Inventario de sus composiciones musicales]
   **Autores:** Turina, Joaquín, 1882-1949

2. **Título:**  Noche en blanco
   **Autores:** Turina, Joaquín, 1882-1949
[Inventario de sus composiciones musicales]

No abstract.

Autores
Turina, Joaquín, 1882-1949

Descripción física
1 v.; 12 cm.

Notas
- Legado Joaquín Turina.
- Inventario de todas sus obras ordenado cronológicamente.

Materias
- Turina, Joaquín, 1882-1949---Catálogos
- Turina, Joaquín, 1882-1949---Autógrafos

Tipo
- Manuscritos
- Catálogos
- Autógrafos

Descargar PDF

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Lista de obras, por orden cronológico.

1. Quinteto, para piano, dos violines, viola y violoncello.
   I. Fuga lenta.
   II. Allegro.
   III. Andante-Scherzo.
   IV. Final.

Sala Aecolian de Paris, por el cuarteto Parent. Rouart Lerolle 1904.
Think outside the box... or in this case *inside* the box
Be prepared for anything
You never know what might come your way
Digital Archives Initiative (DAI)

Memorial University's Digital Archive
http://collections.mun.ca

UPEI’s IslandArchives.ca
http://islandarchives.ca/
Questions?

Mark Leggott - mleggott@upei.ca
Don Walsh - dfwalsh@mun.ca