

Using Islandora to Build Digital Collections

Friday, January 29th 2016 | 9:00 a.m. - 10:15 a.m. | ICTC, Calendon

Kelli Babcock

Dan Lerch

Kim Pham

■ Learning outcomes

1. Understand what Islandora is
2. How the Islandora community and software works to provide access to and preserve collections
3. Understand why you would use Islandora (use cases)
4. Ingest demo (if there's time)

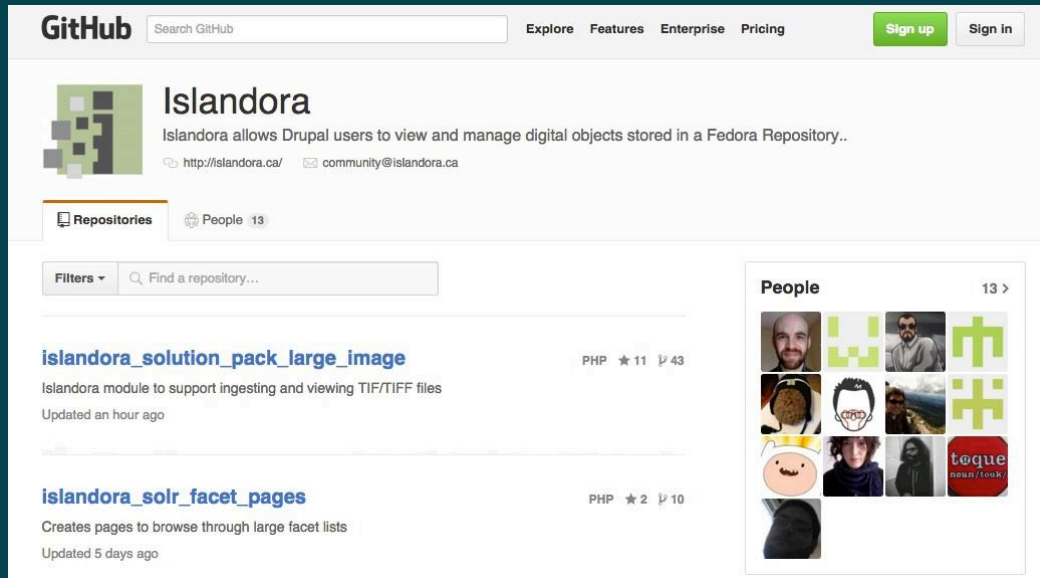
■ What is Islandora?

Official Definition

Islandora is an open-source software framework designed to help institutions and organizations and their audiences collaboratively manage and discover digital assets using a best-practices framework.
About Islandora: <http://islandora.ca/about>

Islandora is open-source

- <https://github.com/Islandora>



The screenshot shows the GitHub repository page for Islandora. At the top, there is a search bar and navigation links for Explore, Features, Enterprise, and Pricing. A green 'Sign up' button and a 'Sign in' button are also visible. The repository name 'Islandora' is prominently displayed, along with a description: 'Islandora allows Drupal users to view and manage digital objects stored in a Fedora Repository..'. Below this, there are links to the website (http://islandora.ca/) and email (community@islandora.ca). The page is divided into sections: 'Repositories' (with a search bar and filter options) and 'People' (showing a grid of contributor avatars). Two repository entries are visible in the list:

- islandora_solution_pack_large_image** (PHP, 11 stars, 43 forks) - Description: 'Islandora module to support ingesting and viewing TIF/TIFF files'. Updated an hour ago.
- islandora_solr_facet_pages** (PHP, 2 stars, 10 forks) - Description: 'Creates pages to browse through large facet lists'. Updated 5 days ago.

■ Islandora is a Technical Framework



■ Islandora is a Technical Framework



■ Islandora is a Technical Framework



Software Stack 7.x-1.x

Presentation &
Collaboration

Search & Discovery

Storage &
Preservation



Drupal™

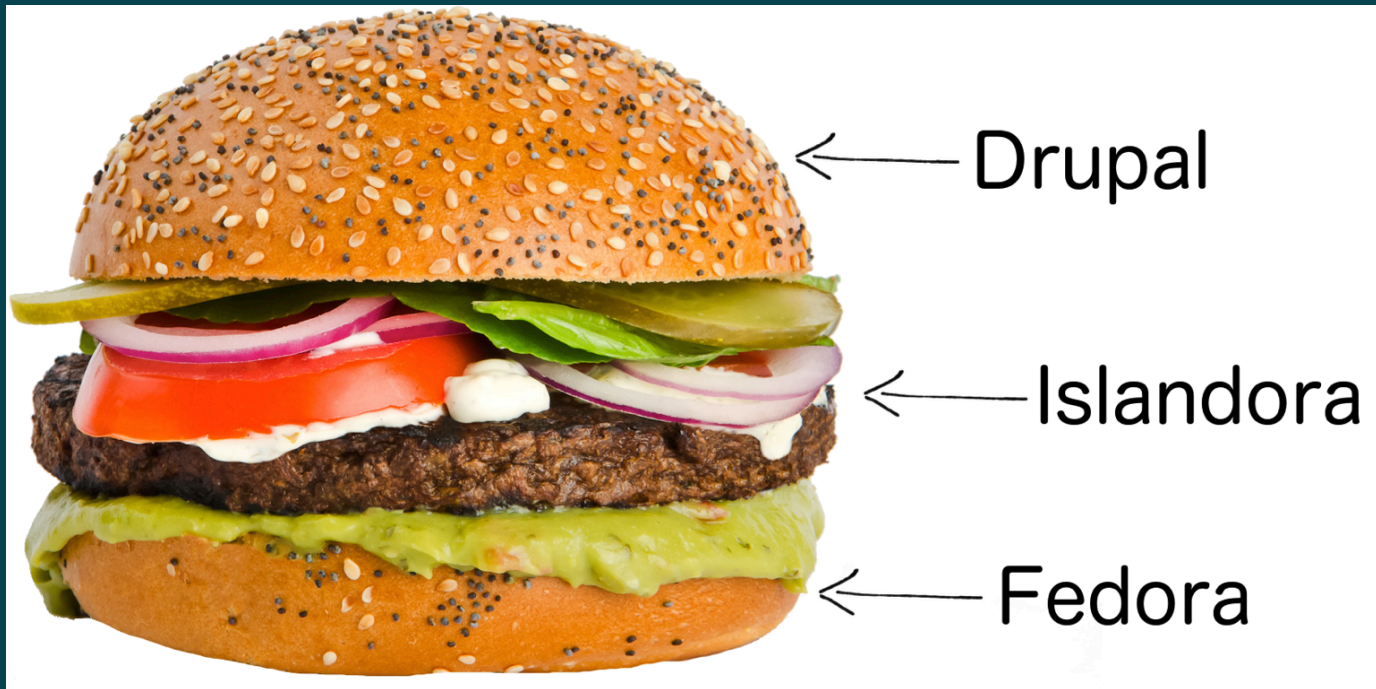
Apache



Solr



Islandora is a Technical Framework

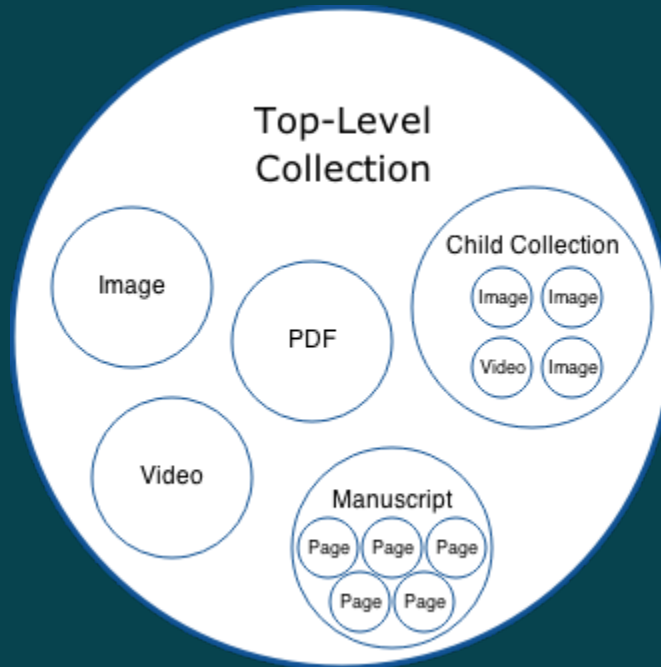


**Presentation
&
Collaboration**

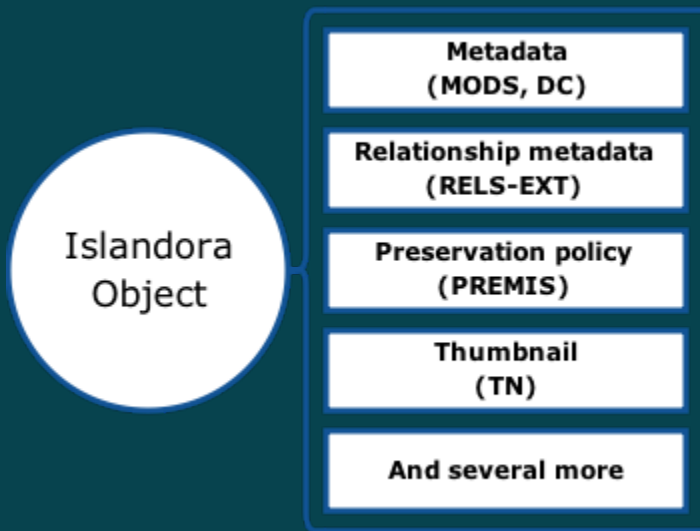
Middleware

**Storage
&
Preservation**

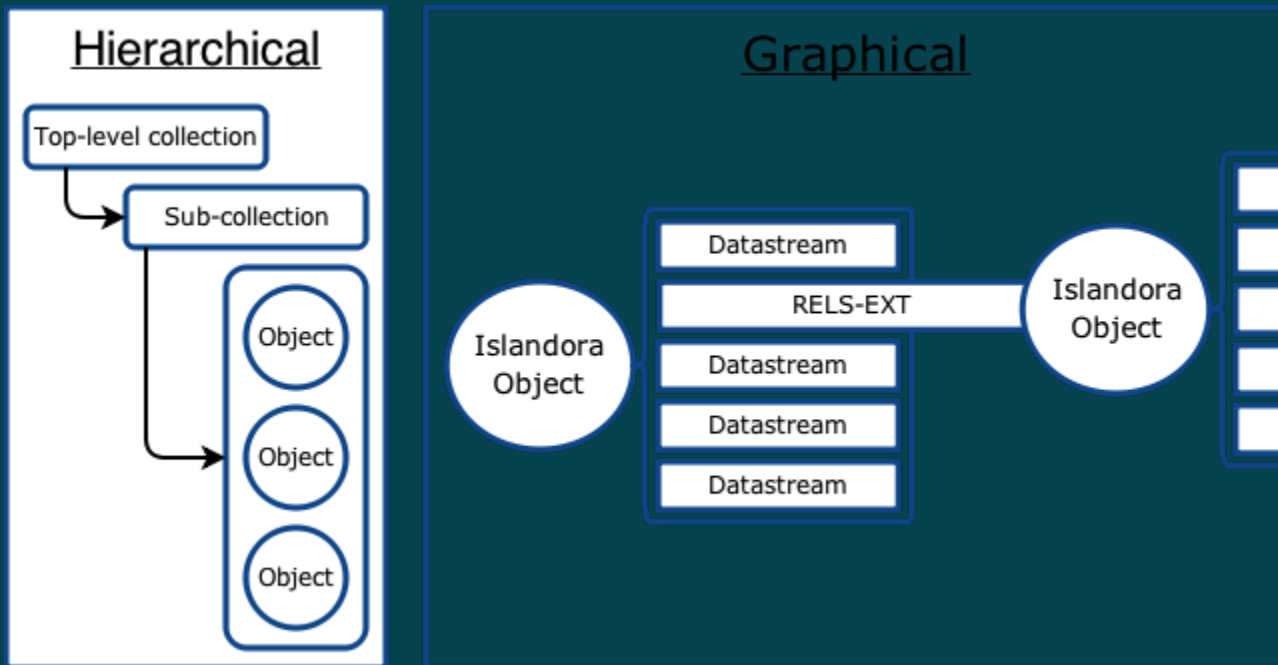
How Islandora Works



How Islandora Works



How Islandora Works



Islandora is a community

- Launched in 2006 at the University of Prince Edward Island (UPEI). Islandora Foundation (non-profit) created in 2013 to foster community
- Community delivers two releases annually, in May & October
- User driven development



■ The Islandora Community

- Large user support community - <https://groups.google.com/forum/#!forum/islandora>
- Frequent training opportunities - Islandora Camps! - <http://islandora.ca/camps>
- Interest groups - <http://islandora.ca/if/board>
- Github - <http://github.com/islandora>
- JIRA - <https://jira.duraspace.org/projects/ISLANDORA>
- Documentation - <https://wiki.duraspace.org/display/ISLANDORA/Islandora>

Islandora at UofT

Kelli Babcock

About us

The University of Toronto:

- 3 campuses (downtown, west, east)
- 84,000+ students
- 6,000+ faculty
- \$1.3 billion in research funds (2014)

University of Toronto Libraries:

- 44 libraries
- ~141 librarians
- 1 IT department for the central library system

UTL ITS:

- services downtown campus
- developer, librarian & network services staff
- range of services
- growing demand for digital scholarship support



<https://collections.library.utoronto.ca/islandora/object/heritageutarms2:1912>



Islandora at U of T: Collections U of T multi-sites

Canadian Necrology

The Canadian Necrology database is a unique source of obituary and death information for both prominent and lesser-known Canadians, covering a time span from the late 18th century to 1937. It contains over 20,000 records; the majority come from newspapers such as the *Globe and Mail*, *Toronto Daily Star*, *Queen's and Mail and Empire*, and an additional 4,000 records were compiled by William Henry Pearson (1817-1882), a Toronto resident with a lifetime passion for necrology.

Need more about the database's sources or view Pearson's manuscript?

Notable Canadians

- Francis, Sir John Bannister**
Prime Minister of Canada
1867-1890
- Francis, Sir John Bannister**
Prime Minister of Canada
1867-1890
- Francis, Sir John Bannister**
Prime Minister of Canada
1867-1890
- Francis, Sir John Bannister**
Prime Minister of Canada
1867-1890

Collections U of T - beta

HOME SEARCH ABOUT CONTACT

View

- Cities Centre**
The Canadian Necrology database is a unique source of obituary and death information for both prominent and lesser-known Canadians, covering a time span from the late 18th century to 1937. It contains over 20,000 records; the majority come from newspapers such as the *Globe and Mail*, *Toronto Daily Star*, *Queen's and Mail and Empire*, and an additional 4,000 records were compiled by William Henry Pearson (1817-1882), a Toronto resident with a lifetime passion for necrology.
- Cities Centre**
Cities Centre became official on November 15, 2007 with approvals.
- East Asian Library**
The East Asian Library is a major resource for East...
- French Renaissance Paleography**
To view the French Renaissance Paleography project go to <http://writing.library.utoronto.ca/>
- Government Information**
The Government Information Collection includes the Sessional Papers, 1901-1925 collection...
- Heritage U of T**
Heritage U of T is a digital collection of archival...

Thomas Fisher Rare Book Library - beta

HOME SEARCH ABOUT CONTACT COLLECTIONS UT

Thomas Fisher Rare Book Library

View Manage MARCXML

Description

The Thomas Fisher Rare Book Library houses the Department of Rare Books and Special Collections including books, manuscripts and other materials. The present building was opened in 1973. It is named in honour of Thomas Fisher (1792-1874), who came from Yorkshire to Upper Canada in 1821 and settled by the Humber River. There he operated a grist mill, and played an active role in the public life of the community. In 1973 his great-grandsons, Sidney and Charles Fisher, donated to the Library their own collections of Shakespeares, various twentieth century authors, and the etchings of the seventeenth century Bohemian artist, Wenceslaus Hollar. Since that time the Library has grown to approximately 700,000 volumes and 3000 linear metres of manuscript holdings. For a downloadable brochure giving an outline of our holdings please see http://fisher.library.utoronto.ca/sites/default/files/Fisher_brochure.pdf

- Beal's Bezier's Hortus**
Gustavus, Publish
- Collection of Manuscript Fragments**
- Discovery and Development**
- General Wolfe's letters to his parents**
Single fold endleaves of

THE NEWBERRY French Renaissance Paleography

Home Manuscripts Search Resources Reference Contact My Transcriptions

Search Site

Browse By Collection

- Manuscripts
- Calligraphy Books
- Historical Maps

Topic

- Art and Culture
- Economy
- Family
- Finance
- Gender
- Government and Politics
- Law
- Major Events
- Notable People
- Religion

Resources

- Background Essays
- Calligraphy Books
- Historical Maps
- Interactive Maps
- Scripts
- About French Documents
- Conservation
- Transcribing & Editing Conventions
- For Teachers
- For Group Work

Share your feedback

Canadian Necrology

UNIVERSITY OF TORONTO LIBRARIES

CANADIAN NECROLOGY

HOME BROWSE SEARCH ADVANCED SEARCH LOCATING OBITUARIES DATES OF DECEASE ABOUT BIBLIOGRAPHY RELATED LINKS

Canadian Necrology

The Canadian Necrology database is a unique source of obituary and death information for both prominent and lesser-known Canadians, covering a time span from the late 18th century to 1977. It contains over 20,000 records; the majority come from newspapers such as the *Globe and Mail*, *Toronto Daily Star*, *Gazette*, and *Mail and Empire*; an additional 4,000 records were compiled by William Henry Pearson (1831-1920), a Toronto resident with a lifetime passion for necrology.

Read more about the database's sources or view Pearson's manuscript.

Notable Canadians



(1913) *The Year Book of Canadian*
J. M. Dent & Sons, Limited.

<http://necrology.library.utoronto.ca/>

Record group

- Canadian Obituaries. No Source. (8263)
- Canadian Obituaries. With Source. (7624)
- Other Records. (136)
- See References. (14)
- William Henry Pearson Records. (4015)

Show more

Sex

- Female (3480)
- Male (17379)
- Missing Sex (24)

Search results

Enter terms

Search

Aalto, Eva Maarit

Sex: Female

Age at Death: 8

Year of Death: 1965

Widowed: No

Record Group: Canadian Obituaries. No Source.

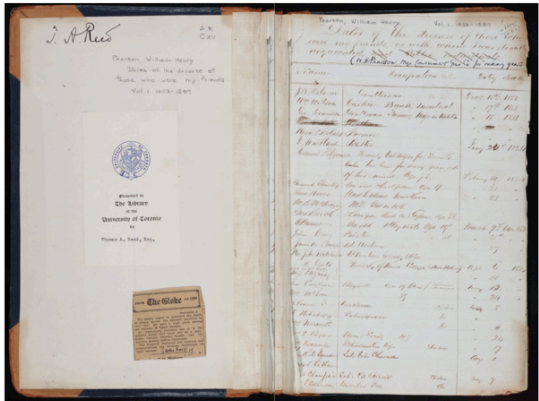
Aaltonen, Mr. Waino Valdemar

Sex: Male

View MARCXML

Volume 1 - Dates of

Search inside



Next

Volume 1 - Dates of decease of those who were my friends, or with whom I was slightly acquainted.

Volume 2 - Dates of decease of those who were my friends, or with whom I was slightly acquainted.

PSDS

Collections UofT

Project for the Study of Dissidence and Samizdat

By Ann Komaromi

The Electronic Archive "Project for the Study of Dissidence and Samizdat" (PSDS) includes the database of Soviet samizdat periodicals, electronic editions of selected samizdat journals, illustrated timelines of dissident movements, and interviews with activists. The Project aims to make rare materials more widely available and to provoke questions about the trajectories of groups and individuals within the varied field of Soviet dissidence and nonconformist culture.

[Learn more »](#)

[Home](#) [Journals -](#) [Search](#) [Interviews -](#) [Timelines](#) [About -](#) [Database](#) [Contact](#)

Editorial Board

Featured Content & News

AB Centre, Samizdat

The Andrei Belyi Center has digitized copies of the and a few others in the Samizdat Archive. You can also access news the site.

Samizdat Journals

ТРИДЦАТЬ СЕМИ

[Thirty-Seven]

Project Samizdat Periodicals

is a database of information about classic Soviet samizdat.

<http://samizdatcollections.library.utoronto.ca/>

Timeline of Rights Activism in the Soviet Union

See text on the Rights activists below.



Photo archive of the Museum of Creative Work and Daily Life in the USSR, International Memorial Society. Soviet government officials talking in the break before Khrushchev's speech in Stalin's cult of personality, Moscow, February 25, 1956. Khrushchev in profile, center right.

FEBRUARY 25, 1956

THE CULT OF PERSONALITY

Communist Party First Secretary Nikita Khrushchev delivered a lengthy speech to a closed session of Party Deputies following the Twentieth Party Congress in February, 1956. In the speech, Khrushchev addressed the purges of Party members in the 1930s and other crimes committed by Stalin, illustrating what Khrushchev called a "Cult of Personality."

DISTRIBUTION OF THE SECRET SPEECH




The French Renaissance Paleography project

<http://paleography.library.utoronto.ca/>

The screenshot shows the website's header with the Newberry logo, navigation menu, and search icon. The main content area is divided into a left sidebar with filters and a main content area with introductory text and a 'Get Started' section.




THE NEWBERRY
Chicago's Independent Research Library Since 1887

French Renaissance  Paleography

Home Manuscripts Search Resources Reference Contact My Transcriptions Master Transcriptions Logout

Browse

Digital Collections

-  Manuscripts
-  Calligraphy Books
-  Historical Maps

Topic


- Art and Culture
- Economy
- Family
- Finance
- Gender
- Government and Politics
- Law
- Major Events
- Notable People
- Religion

Time Period

- Before 1400
- 1400-1449
- 1450-1499
- 1500-1549
- 1550-1599
- 1600-1649
- 1650 or Later

Paleography is the history and study of handwriting. Old scripts can be very beautiful, but sometimes difficult to read. This site presents over 100 carefully selected French manuscripts written between 1300 and 1700, with tools for deciphering them and learning about their social, cultural, and institutional settings.

Get Started

-  Transcribe
- Resources
 - Background Essays
 - Partial Transcriptions
 - Calligraphy Books
 - Historical Maps
 - Interactive Maps
 - French Scripts and Hands
 - About French Documents
 - Manuscript Preservation
 - Transcribing & Editing Conventions
- Reading Difficulty
 - Introductory
 - Intermediate
 - Advanced



Paleography?

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The French Renaissance Paleography project



THE NEWBERRY

Chicago's Independent Research Library Since 1887

- project direction and management
- manuscript curation
- metadata
- pedagogical resource creation



SAINT LOUIS UNIVERSITY

Higher purpose. Greater good.™

- T-PEN project instance - <http://t-pen.org/TPEN/>
- annotation store



ITER

Gateway to the Middle Ages & Renaissance

- community

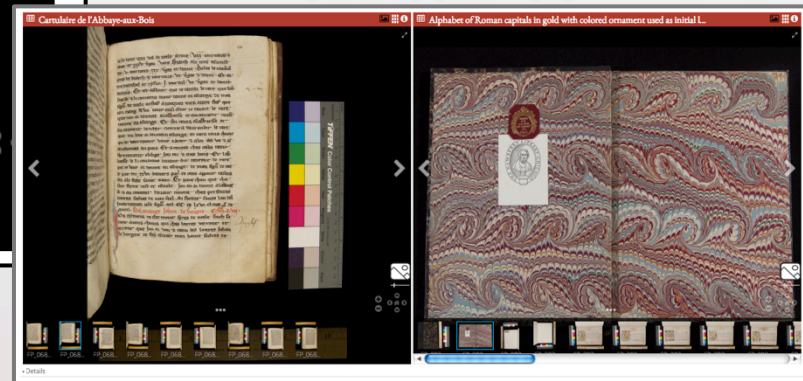
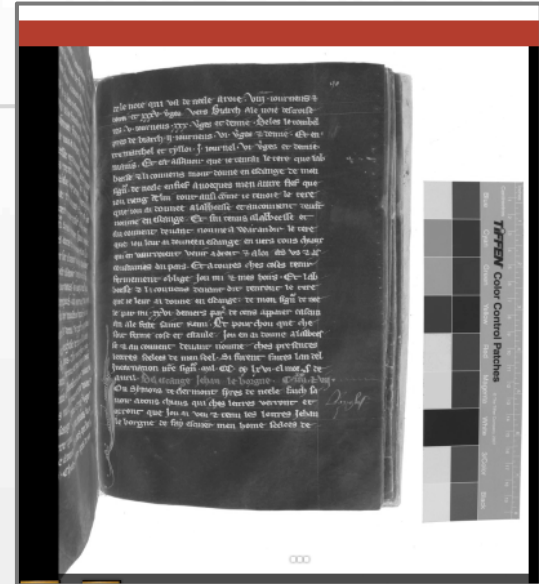
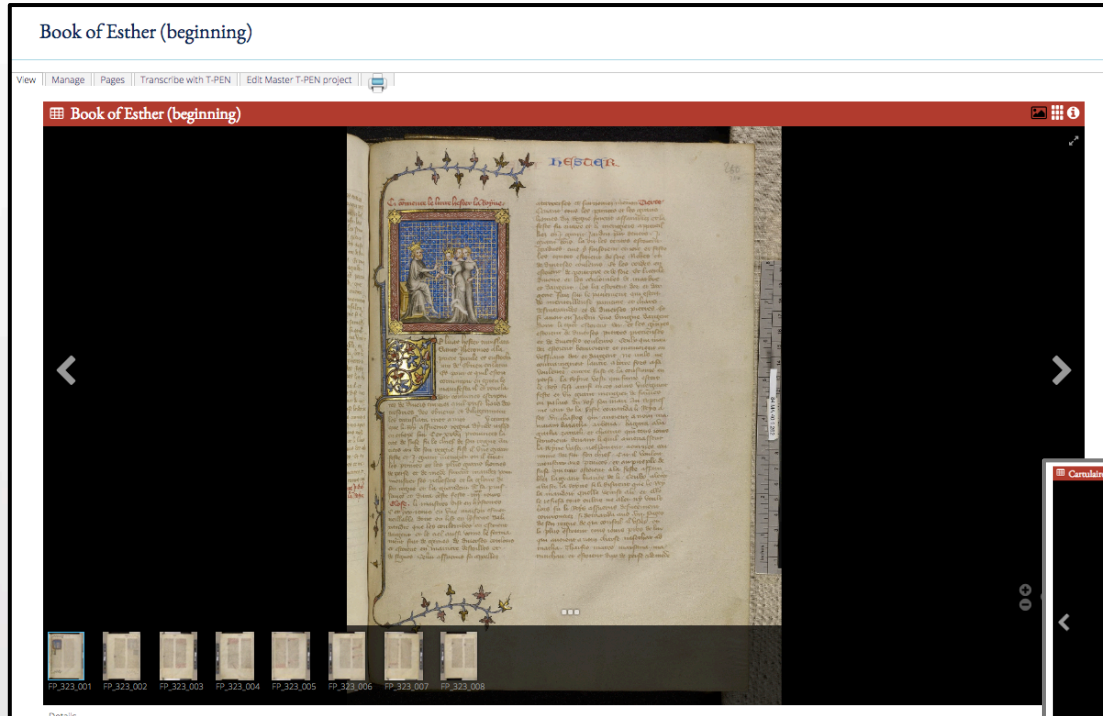


**UNIVERSITY OF TORONTO
LIBRARIES**

- design, build, and host website (Islandora)
- Mirador integration
- T-PEN integration
- SSO

Mirador image viewer (IIIF)

(https://github.com/utlib/islandora_mirador_bookreader)



<https://paleography.library.utoronto.ca/islandora/object/paleography:1816>



UNIVERSITY OF TORONTO
LIBRARIES

What works well for us? What doesn't?

<u>Great!</u>	<u>Not so great.</u>
Don't need to be a programmer to use the system	Steep learning curve
Open source (modular and extendable)	Technical debt with each customisation
Great access features and preservation work flows	Scalability of multi-site environment?



Islandora at Innisfil Public Library

Dan Lerch

Our Stories

The screenshot shows the top navigation and a featured story. The 'our stories' logo is in the top left. A search bar with a 'SEARCH' button and a dropdown menu for 'Communities' is in the top right. A dark navigation bar contains links for 'BROWSE', 'ORAL HISTORY', 'POPULAR PLACES', 'POPULAR TOPICS', 'VITAL STATISTICS', and 'ABOUT'. The main content area features a large photograph of a woman in a patterned dress standing in front of a large wooden barn. A text overlay on the photo reads 'LEND A HAND' and includes a short paragraph: 'Did you know that you can help us make this site better? This year we are focusing on sharing and remembering the'. Navigation arrows are visible on the left and right sides of the photo.

Previous Pause Next

FEATURED STORIES



Members of the public



Everything our stories has ever done in one slide

- Transferred thousands of records from an ancient database into a fully formed repository at the archival level
- Edited and corrected thousands of digital objects
- Developed new standards to archive and edit objects
- Utilized the repository as a tool for community engagement
- Indexed the records with Our Digital World to provide a wider gateway to our repository

Lessons Learned, Part I

archivin' aint easy

Requires in-house technical support

Requires knowledge of archival principles

Lessons Learned, Part II

Most things worth doing aren't easy

Can be a master's of your own archival fate

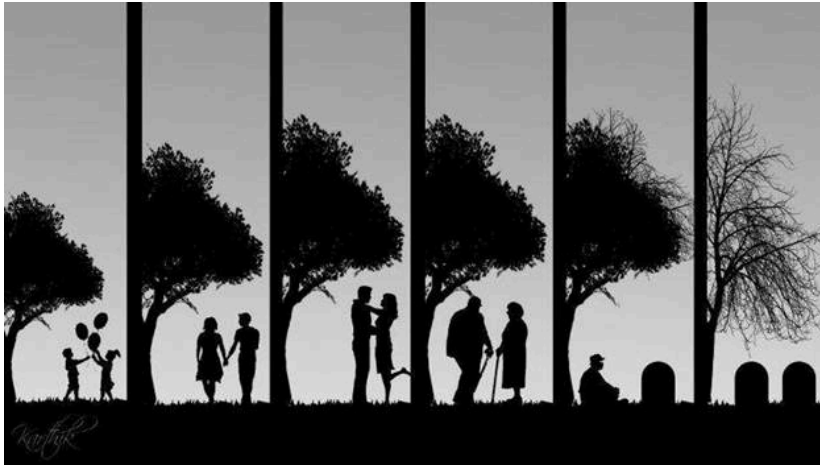
Living history

Future citizens will (hopefully) thank us for our work

...Your next major challenge may be around the corner

Vital Statistics

births, deaths, marriages, memoriams



The Challenge

Find a way to describe people, and events, rather than documents, such as books, images or documents



Anatomy of a Vital Statistic

Type of statistic

Name (if applicable)

Date of event

Collection

Location Information

Source

Description

EAC-CPF

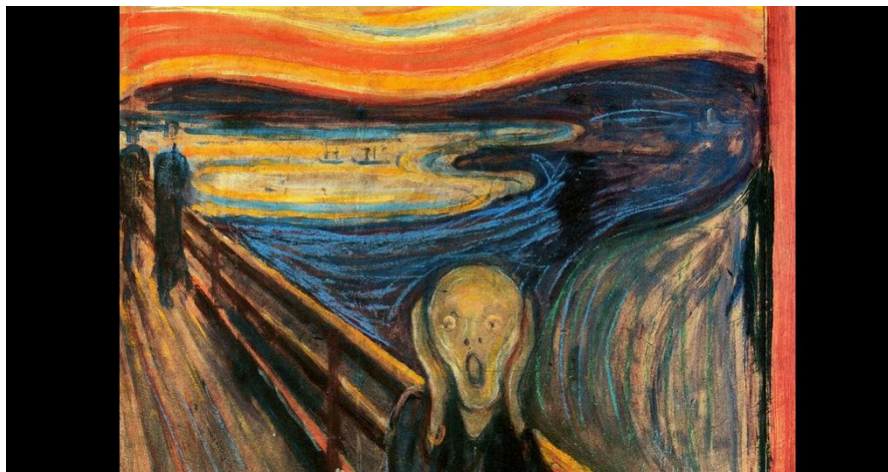
<http://eac.staatsbibliothek-berlin.de/>

“Encoded Archival Context for Corporate Bodies, Persons, and Families - EAC-CPF - is an [XML-Schema](#). It provides a grammar for encoding names of creators of archival materials and related information.”

XML tags are just weird looking labels*

Don't let the next two slides scare you

*Major Oversimplification



Marriage Entry in EAC-CPF XML

```
<cpfRelation cpfRelationType="family">
  <relationEntry localType="surname">Corbeil</relationEntry>
  <relationEntry localType="forename">Al</relationEntry>
  <relationEntry localType="100a">Corbeil, Al</relationEntry>
</cpfRelation>
<cpfRelation cpfRelationType="family">
  <relationEntry localType="surname">Thomas</relationEntry>
  <relationEntry localType="forename">Marie</relationEntry>
  <relationEntry localType="100a">Thomas, Marie</relationEntry>
</cpfRelation>
</relations>
```

Marriage Entry in EAC-CPF XML (continued)

```
<control>
  <recordId>ourstories:30898</recordId>
  <otherRecordId>3581</otherRecordId>
  <sources>
    <source>
      <sourceEntry>Innisfil Historical Society</sourceEntry>
    </source>
  </sources>
  <maintenanceHistory>
    <maintenanceEvent>
      <eventType>created</eventType>
      <agentType>human</agentType>
      <maintenanceAgent>Susan Stein</maintenanceAgent>
      <maintenanceAgency>The Innisfil Scope</maintenanceAgency>
      <eventDateTime>1985-08-14</eventDateTime>
      <eventDescription>Record stored on microform. Page 2</eventDescription>
    </maintenanceEvent>
```

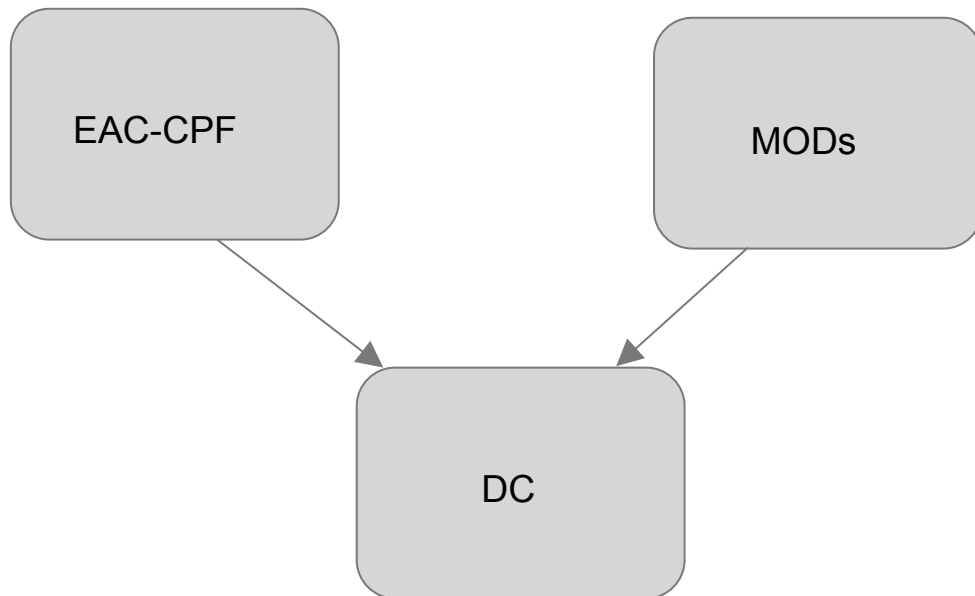
Marriage Entry in EAC-CPF XML (continued)

```
<places>
  <place>
    <placeRole>Residence</placeRole>
    <placeEntry displayLabel="city">Innisfil</placeEntry>
    <placeEntry displayLabel="community">Thorton</placeEntry>
  </place>
</places>
<biogHist>
  <chronItem localType="marriage">
    <event>
      Marie is daughter of Mr. and Mrs. Bill Thomas. Wedding took place
      at the Trinity United Church, Thornton.
    </event>
    <date>1985-10-18</date>
```

Vital Statistic in Our Stories

Subject	Marriage
Event Date	1989-04-08
Community Resided	Thorton
Collection	Innisfil Historical Society
Original Reference	The Innisfil Scope
Published	1989-04-21T00:00:00Z
Columnist	Sheelagh Sheeran
Creation Description	Record stored on microform. Page 10
Description	Married at Trinity United Church, Thornton. Reception held at the Village Inn, Thornton.
PID	ourstories:30957
Ibid ID	6125

Searching vital statistics and documents



Dublin Core for a Vital Statistic Object

<dc:title>**Marriage of Corbeil, Al and Thomas, Marie**</dc:title>

<dc:subject>**Marriage**</dc:subject>

<dc:description>

Marie is daughter of Mr. and Mrs. Bill Thomas. Wedding took place at the Trinity United Church, Thornton.

</dc:description>

<dc:contributor>**Susan Stein**</dc:contributor>

<dc:date>**1985-10-18**</dc:date>

<dc:identifier>**ourstories:30898**</dc:identifier>

<dc:source>**The Innisfil Scope**</dc:source>

<dc:language>**ENG**</dc:language>

<dc:coverage>**North America--Canada--Simcoe--Innisfil--Thorton**</dc:coverage>

</oai_dc:dc>

Challenges Using EAC-CPF

Limited documentation

Not widely used in comparison to other standards

No official xslt to map EAC-CPF to DC

Not enough simple examples

Benefits Using EAC-CPF

Excellent standard to describe people, events, and corporate bodies

Malleable standard that recognizes local conventions

Easy-to-understand tag library:

http://eac.staatsbibliothek-berlin.de/fileadmin/user_upload/schema/cpfTagLibrary.html

Maintenance history: can be used to describe the sources that created the record

Exciting linked data possibilities <http://lov.okfn.org/dataset/lov/vocabs/eac-cpf>

EAC-CPF in Islandora

Created edit form for records using the XML form builder

Used the entity solution pack for metadata display

Added EAC-CPF to SOLR Index (ripped this from discover garden github)

Batch ingested records using CURL script “borrowed” from Donald Moses at UPEI

**Islandora acted weird when ingesting objects without MODs (circa January 2015)*

See also MADs

<http://www.loc.gov/standards/mads/>

Designed to work directly with MODs, MARC 21

Islandora at UofT Scarborough

Kim Pham

Digital Scholarship Unit

2 developers, 3.5 librarians, casual and student staff

Digital projects, instruction, scholarly communication, research methodologies and metadata/data management

Move from CONTENTdm

2010 - founding of DSU, limited resources and infrastructure

2013 - 25 000 in collections of manuscripts, postcards, images and paintings

Move from CONTENTdm

2014 - began migration to Islandora using metadata mapping and export tools

2016 - beta and production server in operation

Special Collections

Advanced Search

Most Viewed

UTSC Archives Legacy Collection	3713 views
Doris McCarthy fonds	2838 views
Student Life	1832 views
Faculty and Staff	1555 views
Campus	1285 views



Doris McCarthy fonds



Gunda Gunde
Collection Home



Harley Spiller



Ottoman Empire Texts



Research Commons



UTSC Archives Legacy
Collection



UTSC Class
Composites



UTSC Photographic
Services Collection



Urgubart Collection

Digital Projects



Animal Empire

This project is developing a collection of ephemera from North American Zoos as institutions, including their goals, methods, mandates and most significantly, their role in creating knowledge about geographical areas. Workstudy students over 2014/15 are developing an online version of a zoo game using the open-source Unity game engine. The goal is for this game to guide visitors through the collection and analysis provided by scholar Dr. Dan Bender.



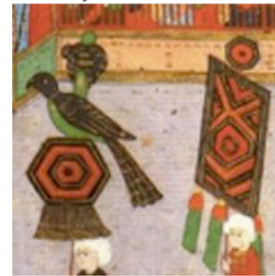
Culinaria Research Project

Culinaria is a multidisciplinary food studies initiative that blends research excellence with community engagement and student (graduate and undergraduate) research experience. The Digital Scholarship Unit supports the project platform and the

Bioline
International

Bioline International

Bioline International is a not-for-profit scholarly publishing cooperative committed to providing open access to quality research journals published in developing countries. By providing a platform for the worldwide distribution of peer-reviewed journals BI helps to reduce the global knowledge divide by making bioscience information generated in these countries. The Digital Scholarship unit manages the workflow for publishing the journal articles in the Bioline framework, which is maintained and hosted by the Reference Center on Environmental Information (CRIA) based in Brazil.

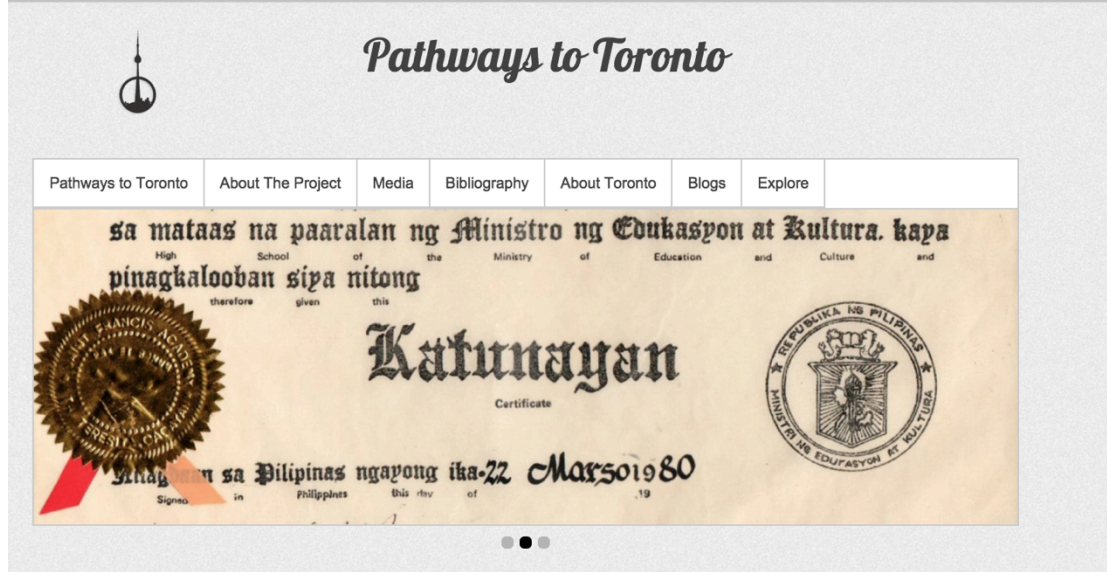


Dragoman Renaissance Research Project

The Dragoman's Renaissance explores the personal and professional trajectories and textual practices of dragomans (diplomatic interpreters) employed by the Venetian consulate in seventeenth-century Istanbul. It aims to offer new insights into the role

Course Platform for HISD18: Digital History

[http://
digitalscholarship.utsc.uto
ronto.ca/dighist](http://digitalscholarship.utsc.utoronto.ca/dighist)



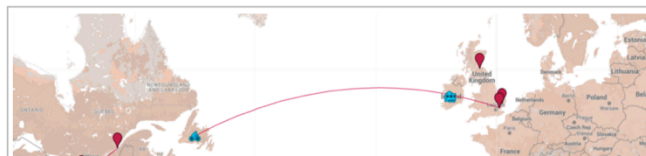
Welcome to Digital History

[View](#) [Edit](#)

Welcome to "Pathways to Toronto". This website was designed to explore and study migration patterns that connect Toronto to other parts of the country, and the world through the stories of migrants who lived within Toronto's borders for a period in their lives. These individuals represent the different nationalities, races, and genders, that have settled or started their Canadian lives in Toronto. Our goal was to engage and encourage the visitors of this site to a discussion of the meaning of migration across time and space.

We were a group of senior students enrolled in a digital history course at the University of Toronto Scarborough. Together with our professor, Dr. Donna Gabaccia, we explored the variety of ways in which historians use digital methods to study, interpret and represent the past. Using a variety of digital tools and techniques, we analyzed, visualized, and represented the movement of people to Toronto across two centuries. We have designed and produced a range of materials, culminating in an online exhibit with the title "Pathways to Toronto."

You can explore the many pathways our migrants have taken to Toronto by clicking the map below:



Timeline and Documents

[View](#) [Manage](#)

The following timeline summarizes the historical context in which our migrants exist. Each point on the time scale reflects the beginning of the journey for our individual migrant subjects.



You can explore various documents, such as photographs, ship logs and suggestions for further reading in collections related to our migrant subjects below.

[Grid view](#) [List view](#)



Corrado Roccasalva



Elise Von Koerber



Grazyna Gorski



Helen Kouzmanis



Eastern Europe Journeys



Grazyna Gorski

Mladen Ostojic



Suraj Desai



Suraj Desai



19th Century Journeys



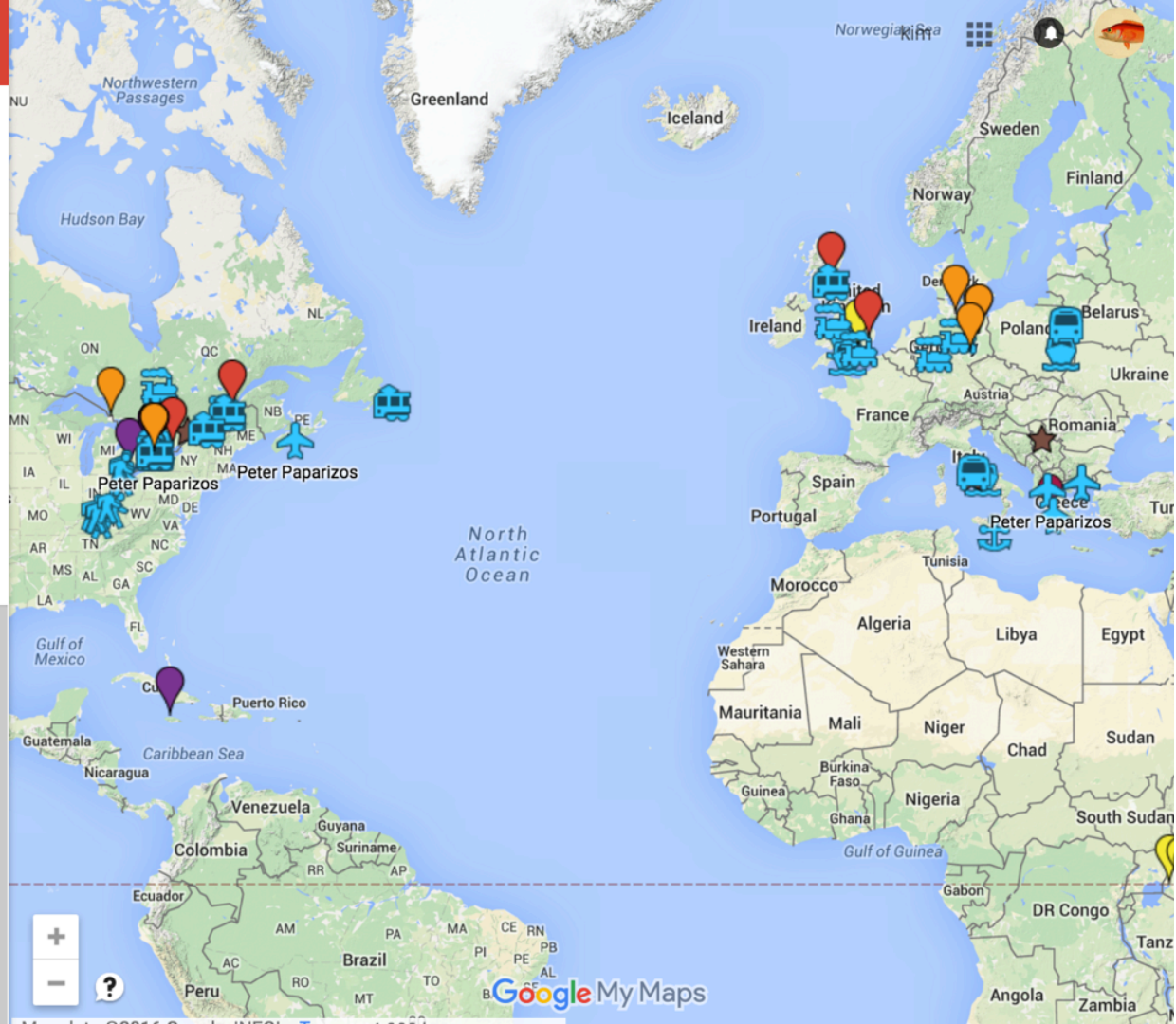
Thornton Blackburn

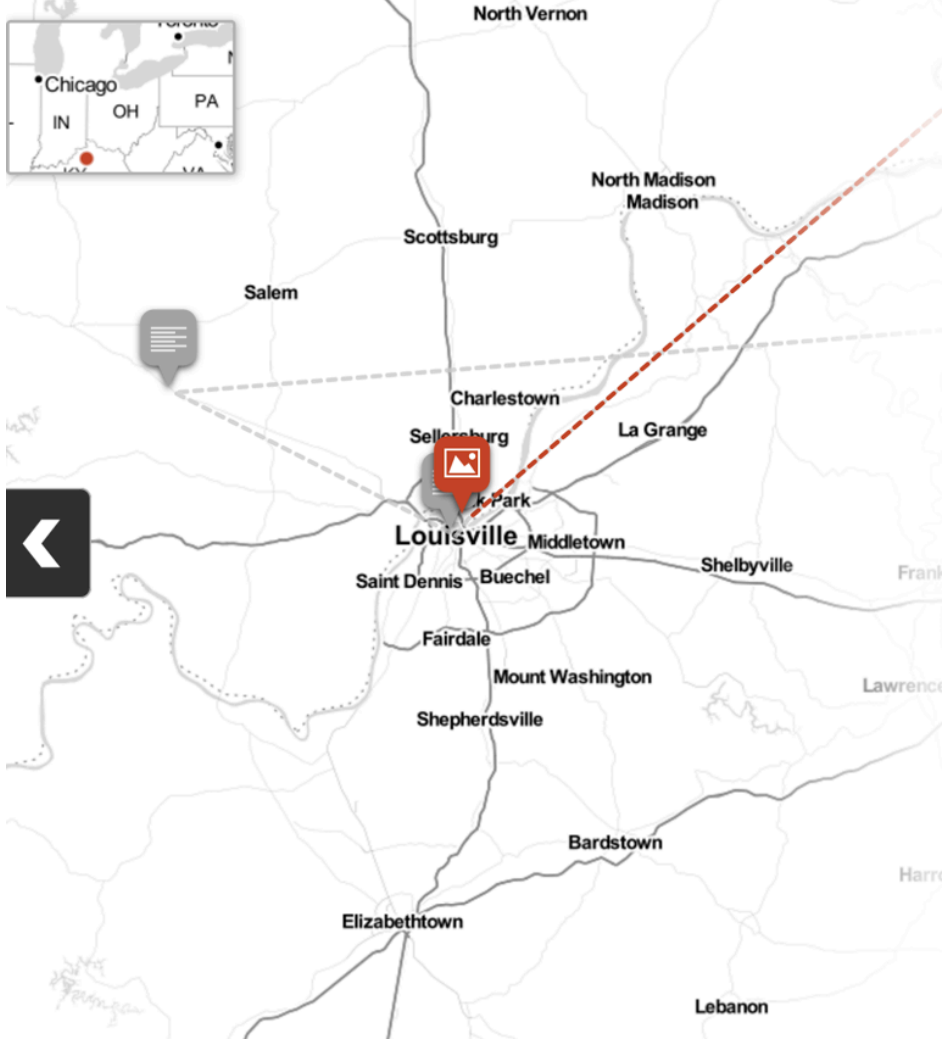
Elise Von Koerber

John Gwynn Swain

Phylls

Susanna Moodie





\$100 REWARD — Runaway, the mulatto boy **BEN COLEMAN**, or **BROWN**, aged about 22 years, five feet two or three inches high, is of light complexion and well set—has been in the habit of making permits to go up and down the river, unmolested, but the writing is not free—has no beard, and looks like a Mexican. The above reward will be paid if taken out of the State; and Fifty Dollars if taken in the State.

sep 21 - 67 G. BOULIGNY, 45 Dauphine st,



New Orleans Delta, Sept. 25, 1849.

Advertisement announcing reward for runaway slave

ON THE RUN: JEFFERSONVILLE, 1831

The Fugitive Slave Act of 1793 guaranteed the right of a slaveholder to recover an escaped slave. The Act required even free states in the North to enforce the capture and return of fugitive slaves, but on July 3, 1831, Thornton and Lucie declared themselves both free and independent. The two made their way across the Ohio River by ferry, carrying forged documents to Jeffersonville, Indiana. Once in Jeffersonville, Thornton and Lucie got aboard the *Versailles* ship, heading north to Cincinnati, Ohio.

Marites Navarro

View

Manage

Grid view

List view



Foreign Nationals Working Temporarily in Canada

A screenshot of a table with multiple columns and rows. The title above the table is "Full-time workers by population group and immigration status, 2006". The table contains numerical data organized into several columns.

Full-time workers by population group and immigration status, 2006



Marites Navarro Birth Information



Marites Navarro Graduation Scrip



Marites Navarro High School Diploma



Marites and her Roommates



Marites and her Third Charge



Marites's Flight to Toronto



Marites's House: Leaving Toronto



Marites's OSMT Certification



Marites, Friend, and 2nd Employer



Suggested Readings

Elise Von Koerber

[View](#) [Manage](#)

[Grid view](#) [List view](#)



Circassian Front View

Circassian



Circassian side View



Karlsruhe Palast



Plaque of Community founded by Elise Von Koerber



Shaftesbury Hall



Wholesale Price Index 1840-1871

Susanna Moodie

[View](#) [Manage](#)

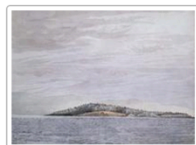
[Grid view](#) [List view](#)



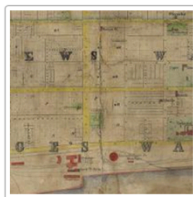
"Pilgrim" Brig from 1830s



Annotated Bibliography



Grosse Ile



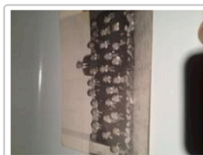
Plan of the City of Toronto



Corrado Roccasalva

[View](#) [Manage](#)

[Grid view](#) [List view](#)



A Class Picture in Italy



Annotated Bibliography



Baseball Award in Toronto



Class Photo In Toronto



Family in Italy



Oral History Interview With Corrado Roccasalva

Peter Paporizos

[View](#) [Manage](#)

[Grid view](#) [List view](#)



Bouzoukia



House in Xanthi



Photograph in Toronto



Restaurant in Xanthi



Repository



Add Object



search

 XQuery search and replace?[Advanced Search](#)

LINC Repo

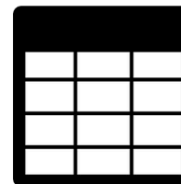
View

[Manage](#)

- [Grid view](#)
- [List view](#)



Cages



Data Sessions



Experiments



Mice



Protocols



Publications

Managing Workflows/ Research Data

Mice

View

Manage



- [Grid view](#)
- [List view](#)



0-0-0001-01



0-0-0001-02



0-0-0001-03



0-0-0001-04



0-0-0001-05



0-0-0002-01



0-0-0002-02



0-0-0002-03

Repository

Add Object

search

XQuery search and replace?

[Advanced Search](#)

Repository ▾

Add Object ▾

[search](#)

XQuery search and replace?

[Advanced Search](#)

[Repository](#) / [Mice](#) / 0-0-0001-05

0-0-0001-05

[View](#) [Manage](#) 





In collections


- [Mice](#)


Details

Object Type	info:fedora/islandora:mice_collection
Repository Identifier (PID)	linc:569

Father: [1-0-0001-02](#) 

Mother: [1-0-0001-01](#) 

Current Cage: [E-0002](#) 

Protocol: [Protocol 11](#) 

Different Scholars & Contexts

Nearby Studies



Dr. Christine Berkowitz & Partners

“Nearby Studies is a joint program developed between the Departments of Historical and Cultural Studies, Women's and Gender Studies, and Geography. It aims to focus on local issues affecting Scarborough and the eastern GTA by working with local community groups, historical associations, and other nearby partners.”

Different Scholars & Contexts



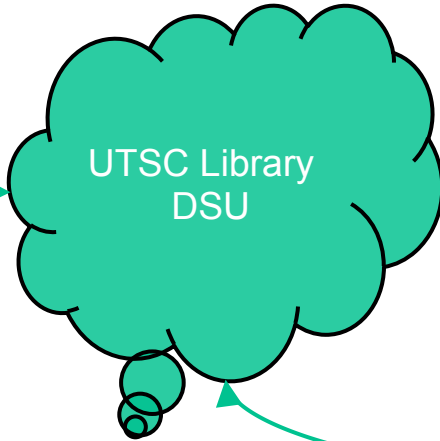
Dr. Jo Sharma & Partners

“The Sherpa project is part of the Eastern Himalaya Research Network, which is an international, multifaceted initiative around research, teaching and learning about the Eastern Himalayas. The Sherpa project partners with communities in the Himalayas for the preservation of Sherpa culture and heritage through oral histories.”

Unique joint partnership



Edward Garrett
@Pinedrop



Dr. Chris Berkowitz
@UTSC



Dr. Jo Sharma
@UTSC

Oral Histories testing video 987sf

View Manage MARXML



▼ Transcript

<Curry>A rocket is a launch vehicle.

<Alice>It can also be a space capsule, usually in the form of a cylinder or

<Curry>a tubelike structure that launches from the Earth.

<Curry>And it can be used to carry humans into space.

<Curry>It can also be used to carry supplies such as cargo,

<Alice>food, materials or anything that can be carried to the International Space Station and to work up there.)

<Curry>It can also be used as something to launch satellites into the orbit

<Alice>that the military may use or that NASA may use, or it can even be a satellite

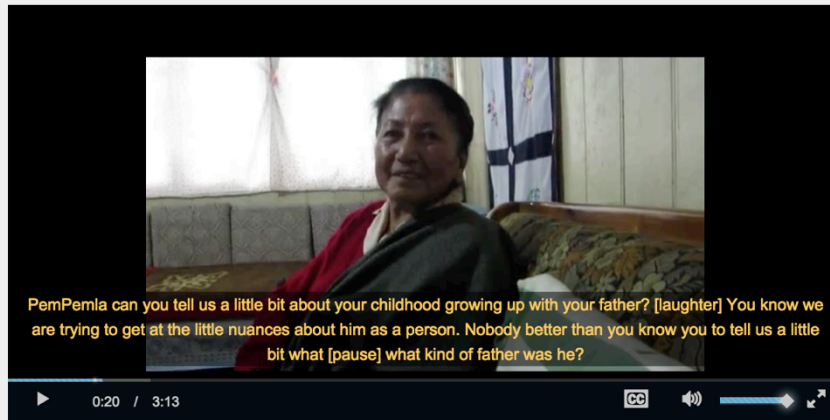


Oral Histories Test#1

View

Manage

MARXML



Transcript

Transcript, Speaker ▾

← Prev

↻ Same

→ Next

✎ Edit

Select languages ✕

Transcript

Transcript ✓

Speaker names

Speaker ✓

Dundal Cheng [Interviewers say Dundal Cheng at almost the same time] dal Cheng.

PemPemla can you tell us a little bit about your childhood growing up with your father? [laughter] You know we are trying to get at the little nuances about him as a person. Nobody better than you know you to tell us a little bit what [pause] what kind of father was he?

▶ 0:36

PemPem

Oh! He was a wonderful [indiscernible] and a father very responsible, caring and very loving and he worked very very hard for his two daughters Nima and me of course. You see, uh, Nima and myself were born here in Darjeeling

Contact

Kelli Babcock - kelli.babcock@utoronto.ca / @KelliB

Dan Lerch - dan.lerch@gmail.com / @the_blankslate

Kim Pham - kim.pham@utoronto.ca / @tolloid

Special Thanks

Sara Allain

Kirsta Stapelfeldt

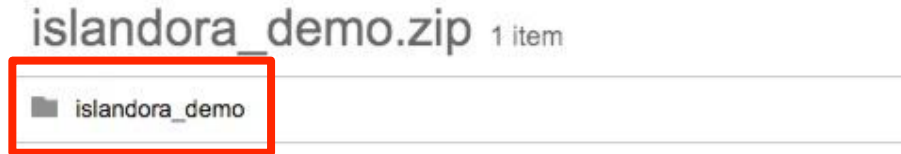
Erin Tripp

Islandora demo

(if there is time.)

Demo content

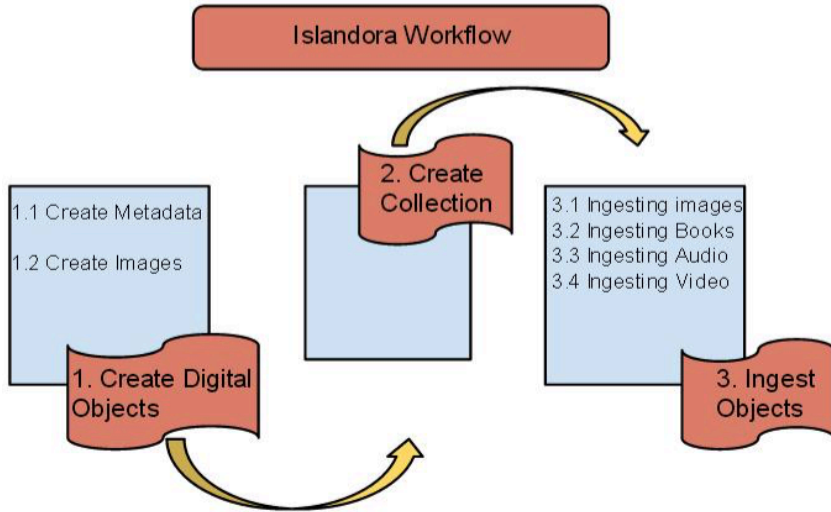
While you wait, download the demo content at <http://goo.gl/iQfYMP>



After it downloads, unzip the file. Then leave it until the demo.

Islandora demo

FYI: This is all online!



Islandora Documentation Links:

Islandora wiki:

<https://wiki.duraspace.org/display/ISLANDORA/Start>

Islandora Google Group:

<https://groups.google.com/forum/?hl=en#!forum/islandora>

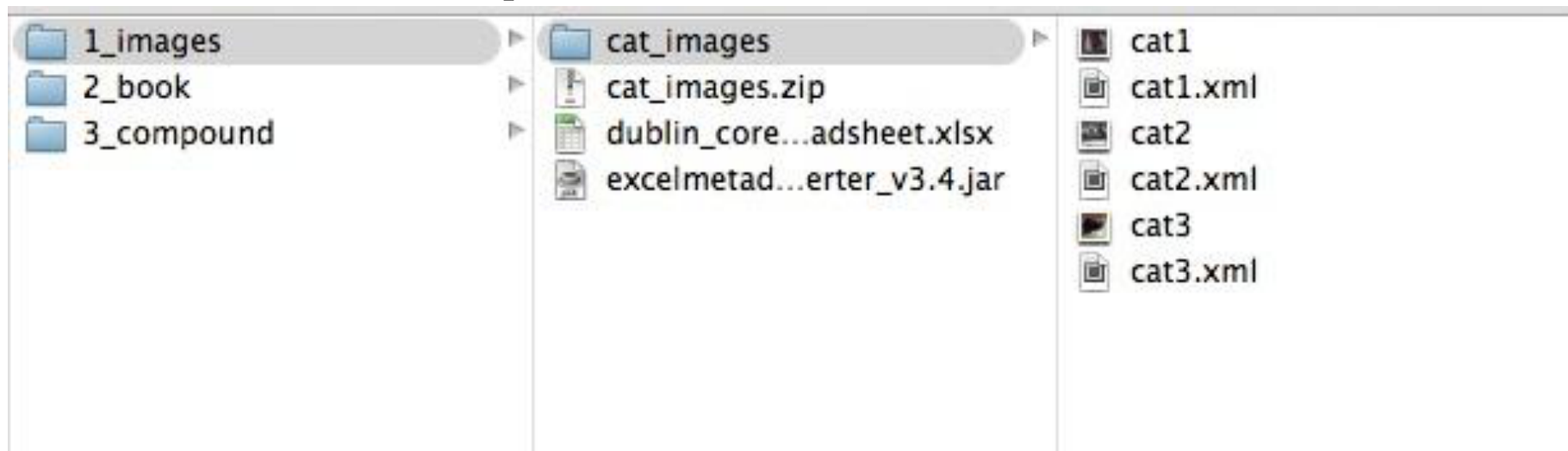
U of T Documentation:

- <https://connect.library.utoronto.ca/display/CUC/Collections+U+of+T+Collaborators+Home>

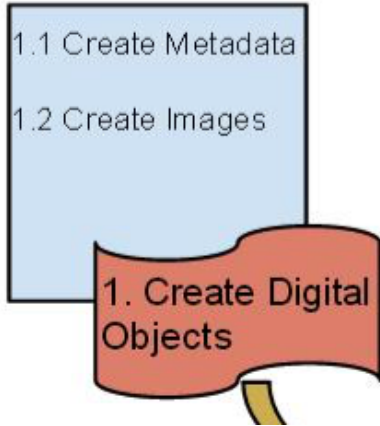
FIRST!

Has our demo content downloaded?

Unzip the file and it should look like this:



Islandora demo: create digital objects



You need:

Islandora demo: create digital objects

1.1 Create Metadata

1.2 Create Images

1. Create Digital Objects

You need:

1. An image (a file with .tiff extension)



Islandora demo: create digital objects

- 1.1 Create Metadata
- 1.2 Create Images

1. Create Digital Objects

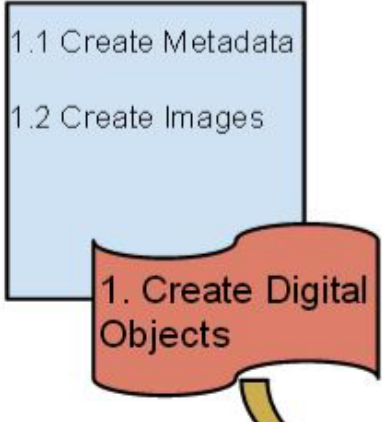


You need:

1. An image (a file with .tiff extension)
2. Metadata (an xml file with .xml extension)
 - a. This file contains information in it, marked up with a **pre-defined set of tags** - similar to html. This is *data about data* and is the data that the repository will expose for researchers to search upon.

```
DC Record.xml
<?xml:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/"
xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://
www.openarchives.org/OAI/2.0/oai_dc.xsd">
  <dc:title>Greenville Concert Band 1951</dc:title>
  <dc:creator>Van Meer Studio, Prince Rupert, B.C.&lt;/dc:creator>
  <dc:subject></dc:subject>
  <dc:description>Photograph in cardboard frame, with names of band members printed
below.</dc:description>
  <dc:publisher>Diocese of Caledonia Archives P994</dc:publisher>
  <dc:contributor></dc:contributor>
  <dc:date>1951</dc:date>
  <dc:type>Image</dc:type>
  <dc:format>Photograph</dc:format>
  <dc:identifier>stornations:78</dc:identifier>
  <dc:identifier>stornations:2</dc:identifier>
  <dc:source></dc:source>
  <dc:language>Eng.</dc:language>
  <dc:relation></dc:relation>
  <dc:coverage>Greenville, B.C., Prince Rupert, B.C.</dc:coverage>
  <dc:rights></dc:rights>
</oai_dc:dc>
```

Islandora demo: create digital objects



1.1 Create Metadata

1.2 Create Images

1. Create Digital
Objects

If you do not have a .tiff file, you can use image manipulation tools such as the ones listed below to create .tiff files.

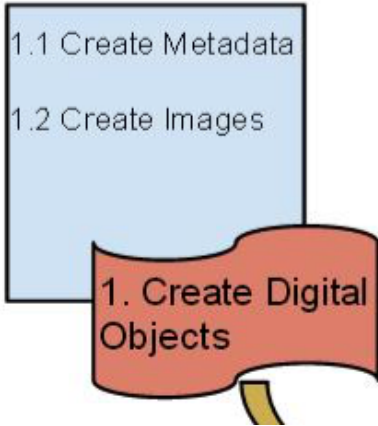
Free (Open Source)

- XNConvert - <http://www.xnview.com/en/xnconvert/>

Not Free (Proprietary)

- Adobe Photoshop - <http://www.photoshop.com/products/photoshop>

Islandora demo: create digital objects



If you do not have a .xml file, you can use text editing tools such as the ones listed below to create .xml files.

Free (Open Source)

- Sublime Text - <http://www.sublimetext.com/>

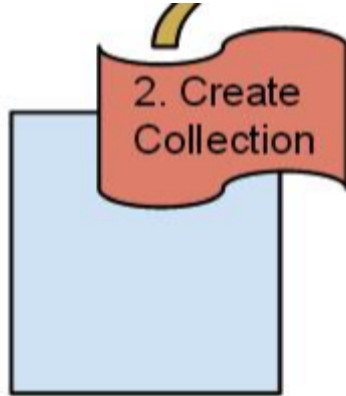
Not Free (Proprietary)

- Oxygen - <http://www.oxygenxml.com/>

Within UofT ITS, we have also created tools to help with this type of work...

- Excel Template - <https://drive.google.com/file/d/0B4VuqV1fiyhceQUdsM3AtWWIMZG8/edit?usp=sharing>
- Excel to XML Converter - <https://drive.google.com/file/d/0B4VuqV1fiyhceENvVU5VWVNQYWws/edit?usp=sharing>

Islandora demo: create digital objects



Once you have your .tiff file(s) and .xml file(s)
you are ready to ingest your content into
Islandora!

**You can test out Islandora at:
<http://islandora.ca/sandbox>**



Islandora simple search

Navigation

- ▶ [Islandora Repository](#)
- ▶ [My bookmarks](#)

User login

Username *

Password *

- [Request new password](#)

Welcome to the Islandora 7 Sandbox

Welcome to the Islandora Sandbox installation. This sandbox contains all of the modules released alongside Islandora 7.x-1.3. Learn more about this release and its contributed modules on the [Islandora Website](#).

Login with full admin privileges using the following username and password:

```
Username: admin
Password: islandora
```

Visit the Islandora Digital Repository by clicking the "Islandora Repository" link. Content can be added and purged. If you are accessing this image online, note that the site is refreshed and all content deleted via a daily, automatic process.

Login here



Islandora 7.x-1.3 Sandbox

My account Log out

Slides by Kirsta Stapelfeldt:

<http://www.slideshare.net/digitalscholarship/roots-routes-introduction-to-islandora>

- Home
- Islandora Administration Map
- Community Support
- Documentation

Islandora simple search

search

Navigation

- ▶ [Add content](#)
- ▶ [Islandora Repository](#)
- ▶ [My bookmarks](#)

Welcome to the Islandora 7 Sandbox

View

Edit

Welcome to the Islandora Sandbox installation. This sandbox contains all of the modules released alongside Islandora 7.x-1.3. Learn more about this release and its contributed modules on the [Islandora Website](#).

Login with full admin privileges using the following username and password:

Username: admin
Password: islandora

Visit the Islandora Digital Repository by clicking the "Islandora Repository" link. Content can be added and purged. If you are accessing this image online, note that the site is refreshed and all content deleted

You're logged in as an administrator



Islandora 7.x-1.3 Sandbox

- Home
- Islandora Administration Map
- Community Support
- Documentation

Islandora simple search

search

Navigation

- ▶ Add content
- ▶ **Islandora Repository**
- ▶ My bookmarks



Welcome to the Islandora 7 Sandbox

View Edit

Welcome to the Islandora Sandbox installation. This sandbox contains all of the modules released alongside Islandora 7.x-1.3. Learn more about this release and its contributed modules on the [Islandora Website](#).

Login with full admin privileges using the following username and password:

Username: admin
Password: islandora

Click "Islandora Repository"

Islandora Repository" link. Content can be added that the site is refreshed and all content deleted



Islandora 7.x-1.3 Sandbox

- Home
- Islandora Administration Map
- Community Support
- Documentation

Home

Islandora simple search

search

Navigation

- ▶ Add content
- ▼ Islandora Repository
- ▶ My bookmarks

Top-level Collection

View

Manage



Audio Collection



Basic Image Collection



Book Collection



Citations

Content Types supported by Islandora





Islandora 7.x-1.3 Sandbox

- Home
- Islandora Administration Map
- Community Support
- Documentation

Home

Islandora simple search

search

Navigation

- ▶ Add content
- ▼ Islandora Repository
- ▶ My bookmarks

Top-level Collection

View

Manage



Click on the Book Collection

Grid view List view



Audio Collection



Basic Image Collection



Book Collection



Citations



Islandora 7.x-1.3 Sandbox

My account Log out

- Home
- Islandora Administration Map
- Community Support
- Documentation

Home » Islandora Repository

Islandora simple search

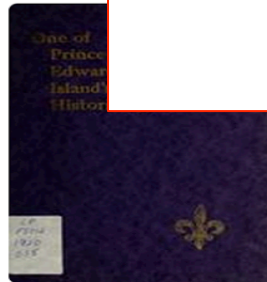
search

Navigation

- ▶ [Add content](#)
- ▶ [Islandora Repository](#)
- ▶ [My bookmarks](#)

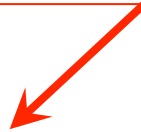
Books

View



One of Prince Edward Island's historic spots

A thumbnail image represents the book cover. Click it.



Grid view List view

One of Prince Edward Island's historic spots

View

Manage

MARCXML

Pages

PREMIS



[One of Prince Edward](#)

Search inside

GO



TEXT



**Select the manage
tab**

One of
Prince
Edward
Island's
Historic Spots

[+ Add a datastream](#)

One of Prince Edward Island's historic spots – islandora:75

ID	LABEL	TYPE	MIME TYPE	SIZE	VERSIONS	OPERATIONS
RELS-EXT	Fedora Object to Object Relationship Metadata.	Inline XML	application/rdf+xml	551 B	1	download
MODS	MODS Record	Managed	text/xml	2.3 KB	1	download edit delete
DC	DC Record	Inline XML	text/xml	830 B	1	download
TN	Thumbnail	Managed	image/jpeg	6.75 KB	3	download delete regenerate

the book “object,” which is comprised of “datastreams” - this package of content is FedoraCommons

One of Prince Edward Island's historic spots

[VIEW](#)[MANAGE](#)[MARCXML](#)[PAGES](#)[PREMIS](#)[My account](#) [Log out](#)[Home](#) » [Islandora Repository](#) » [Book Collection](#)[Overview](#)[Datastreams](#)[Properties](#)[Book](#)[Compound](#)[Create Bag\(s\)](#)[Object Policy](#)[+ Add a datastream](#)

One of Prince Edward Island's historic spots – islandora:75

ID	LABEL	TYPE	MIME TYPE	SIZE	VERSIONS	OPERATIONS
RELS-EXT	Fedora Object to Object Relationship Metadata.	Inline XML	application/rdf+xml	551 B	1	download
MODS	MODS Record	Managed	text/xml	2.3 KB	1	download edit delete
DC	DC Record	Inline XML	text/xml	830 B	1	download
TN	Thumbnail	Managed	image/jpeg	6.75 KB	3	download delete regenerate

Select the “MODS” hyperlink

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
- <mods version="3.4" xsi:schemaLocation="http://www.loc.gov/mods/v3 http://www.loc.gov/standards/mods/v3/mods-3-4.xsd">
- <titleInfo>
  <title>One of Prince Edward Island's historic spots</title>
  <subTitle/>
</titleInfo>
<typeOfResource>text</typeOfResource>
- <originInfo>
- <place>
  <placeTerm type="code" authority="marccountry">xx</placeTerm>
</place>
- <place>
  <placeTerm type="text">s.l</placeTerm>
</place>
<publisher>s.n.</publisher>
<dateIssued>[n.d.]</dateIssued>
<issuance>monographic</issuance>
<copyrightDate/>
<edition/>
</originInfo>
- <language>
  <languageTerm authority="iso639-2b" type="code">eng</languageTerm>
</language>
- <physicalDescription>
  <form authority="marcform">print</form>
  <extent>12 p. illus. 18 cm.</extent>
</physicalDescription>
<note type="statement of responsibility" altRepGroup="00"/>
<note>Compliments of Mr. & Mrs. J.O. Hyndman.</note>
- <subject authority="lcsch">
  <geographic>Prince Edward Island</geographic>
```

Slides by Kirsta Stapelfeldt:

<http://www.slideshare.net/digitalscholarship/roots-routes-introduction-to-islandora>

Home » Islandora Repository » Book Collection

Islandora simple search

search

- Navigation
- ▶ Add content
 - ▼ Islandora Repository

One of Prince Edward Island's historic spots

View Manage MARCXML **Pages** PREMIS

INTERNET ARCHIVE [One of Prince Edward](#) Search inside GO TEXT

From a book, select "pages"

One of Prince Edward Island's historic spots

View

Manage

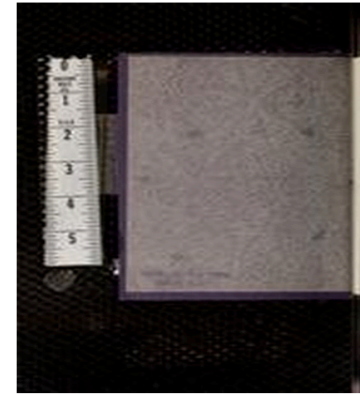
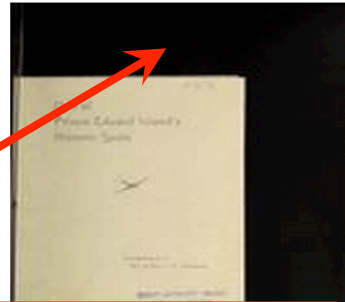
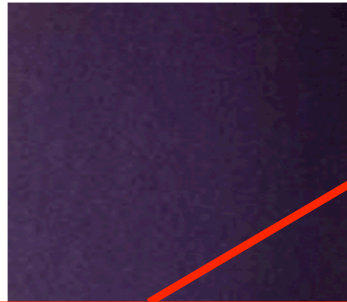
MARCXML

Pages

PREMIS

Grid view [List view](#)

1 2 3 [next >](#) [last >>](#)



**click on an image thumbnail
to access a single “page”**

[oneofprinceed
waroounse_00
04](#)

Islandora simple search

search

oneofprinceedwaroounse_0007

View

Manage

PREMIS



[Return to Book View](#)

Navigation

- ▶ [Add content](#)
- ▼ [Islandora Repository](#)
- ▶ [My bookmarks](#)

Select "manage"

ONE OF PRINCE EDWARD ISLAND'S HISTORIC SPOTS

SELDOM do history and romance meet so beautifully as they seem to when one steps inside the old stone walls of a midsummer moon-
lit room. The old houses within
the huge trees which
crowns, tragedies and
occupation, cast their
shade on the Fort and breathe
life into the modern
household to the spirit of

The spot is most ideally situated at the mouth
of Charlottetown Harbor in the midst of one of P.
E. Island's most fertile farms and, although the
surrounding land is being carefully cultivated, the

oneofprinceedwar00unse_0007

My account Log out

VIEW

MANAGE

PREMIS

Home » Islandora Repository » Book Collection » One of Prince Edward Island's historic spots

Overview

Datastreams

Properties

Compound

Create Bag(s)

Object Policy

Page

+ Migrate this Object to another collection + Share this Object with another collection

PARENT COLLECTIONS

One of Prince Edward Island's historic spots

View

Manage

PREMIS



search

Select “datastreams” (the theme makes it a little hard)

ID	LABEL	TYPE	MIME TYPE	SIZE	VERSIONS	OPERATIONS
OBJ	oneofprinceedwar00unse_0007.jp2	Managed	image/jp2	462.06 KB	1	download delete
RELS-EXT	Fedora Object to Object Relationship Metadata.					
DC	Dublin Core Record for this object					
TN	Thumbnail					regenerate
JP2	JPEG 2000	Managed	image/jp2	4.15 MB	1	download delete regenerate
RELS-INT	Fedora Relationship Metadata.	Inline XML	application/rdf+xml	358 B	2	download delete
PDF	PDF	Managed	application/pdf	13.92 MB	1	download delete regenerate
OCR	OCR	Managed	text/plain	1.18 KB	7	download delete regenerate
JPG	Medium sized JPEG	Managed	image/jpeg	93.09 KB	1	download delete regenerate
HOCR	HOCR	Managed	text/html	28.67 KB	4	download delete regenerate

Multiple datastreams make up each page

ID	LABEL	TYPE	MIME TYPE	SIZE	VERSIONS	OPERATIONS		
OBJ	oneofprinceedwar00unse_0007.jp2	Managed	image/jp2	462.06 KB	1	download	delete	
RELS-EXT	Fedora Object to Object Relationship Metadata.	Inline XML	application/rdf+xml	827 B	2	download		
DC	Dublin Core Record for this object	Inline XML	text/xml	392 B	1	download		
TN	Thumbnail	Managed	image/jpeg	9.36 KB	1	download	delete	regenerate
JP2	JPEG 2000	Managed	image/jp2	4.15 MB	1	download	delete	regenerate
RELS-INT	Fedora Relationship Metadata.	Inline XML	application/rdf+xml	358 B	2	download	delete	
PDF	PDF	Managed	application/pdf	13.92 MB	1	download	delete	regenerate
OCR	OCR	Managed	text/plain	1.18 KB	7	download	delete	regenerate
JPG	Medium sized JPEG	Managed	image/jpeg	93.09 KB	1	download	delete	regenerate
HOOCR	HOOCR	Managed	text/html	28.67 KB	4	download	delete	regenerate

Home

Islandora simple search

search

Navigation

- ▶ [Add content](#)
- ▼ [Islandora Repository](#)
- ▶ [My bookmarks](#)

Top-level Collections

View

Manage



Navigate to basic image collection

Grid view [List view](#)



Audio Collection



Basic Image Collection



Book Collection



Citations



Home

Islandora Administration Map

Community Support

Doc

Select "manage" tab

Home » Islandora Repository

Islandora simple search

search

Basic Image Collection

View

Manage



Grid view List view



Among the Big Guns,
Camp Brighton



Cardigan Rural
Setting



Farmers Bank of
Rustico / Le Banque
de Rustico



Seafarers Haven,
Prince Edward Island,
Canada

Select “Add an object to this Collection”



Basic Image Collection

My account Log out

VIEW

MANAGE

Home » Islandora Repository

Overview

Datastreams

Properties

Collection

Compound

Create Bag(s)

Object Policy

+ [Add an object to this Collection](#)

Total members: 4

TYPE	COUNT
Islandora Basic Image Content Model	4

search

Grid view List view

If you had a library catalogue record, you could upload it here.


Basic Image Collection ⊕ My account Log out

Home » Islandora Repository

MARCXML File

No file chosen

A file containing a MARCXML record, to be transformed to MODS. Select no file to create a record from scratch.

search 

List view

Just select “next”

Home » Islandora Repository

Title *

Henry

Sub Title

Name

1

Type

personal

Name

Role

Select a role from this vocabulary:
Illustrator, Photographer,

Add

City Section

Name of a smaller unit

CARTOGRAPHICS

Coordinates

Contains a statement of coordinates covered by the resource.

Previous

Next

Type a title for your image

Then scroll down & select "next"

Slides by Kirsta Stapelfeldt:

<http://www.slideshare.net/digitalscholarship/roots-routes-introduction-to-islandora>

Basic Image Co

[Home](#) » [Islandora Repository](#)

Image *

Choose File

IMG_201405...33854.jpg

Upload

Select image to upload.
Files must be less than **128 MB**.
Allowed file types: **gif png jpg jpeg**.

Previous

Ingest

search

**Choose and upload
any jpg file from your
desktop**

Then select “Ingest”



- Derivatives successfully created.
- "Henry" (ID: islandora:476) has been ingested.

Image appears with a message that the object has been ingested

Home » Islandora Repository » Basic Image Collection

Islandora simple search

search

Henry

View

Manage

MARCXML

PREMIS



Navigation

- ▶ Add content
- ▼ Islandora Repository
- ▶ My bookmarks



+ Add a datastream

ID	LABEL	TYPE	MANAGED	FILENAME	SIZE	COUNT	ACTION	ACTION
RELS-EXT	Fedora Object to Object Relationship Metadata.	Inline XML						
MODS	MODS Record	Managed					edit	delete
DC	DC Record	Inline XML						
OBJ	IMG_20140519_133854.jpg	Managed					delete	
TN	TN	Managed					delete	regenerate
MEDIUM_SIZE	MEDIUM_SIZE	Managed	image/jpeg		117.91 KB	1	download	delete regenerate

Selecting the Manage tab, and “datastreams” will show you all the files that have been created.

Next

Try a batch upload!

Open our demo content and follow along...

1. Batch image ingest:

<https://connect.library.utoronto.ca/display/CUC/3.1+Batch+Ingesting+Images+and+Objects>

2. Book ingest:

<https://connect.library.utoronto.ca/pages/viewpage.action?pageId=11405894>

3. Creating compound objects:

<https://connect.library.utoronto.ca/display/CUC/3.5+Ingest+Compound+Images>

