

Open Standards-Based Development for Discovery & Interoperability

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Link to slides: uviclibrary.github.io/OR2023Pres



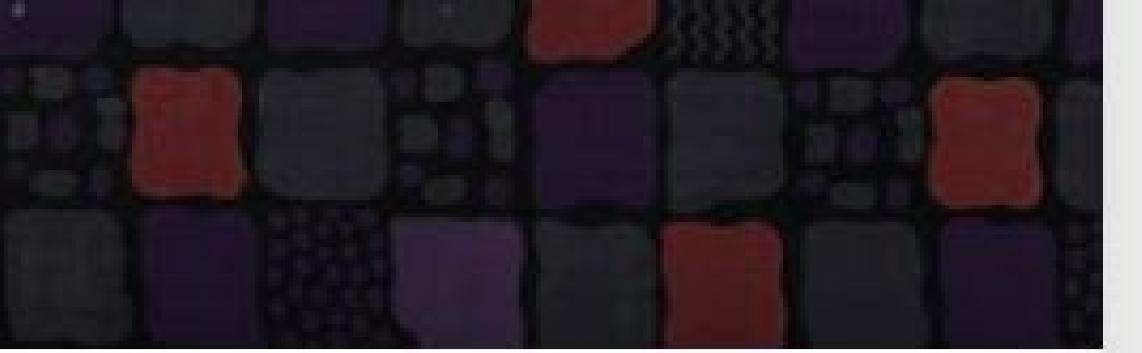
Link to slides: uviclibrary.github.io/OR2023Pres

University of Victoria ("UVic") Libraries

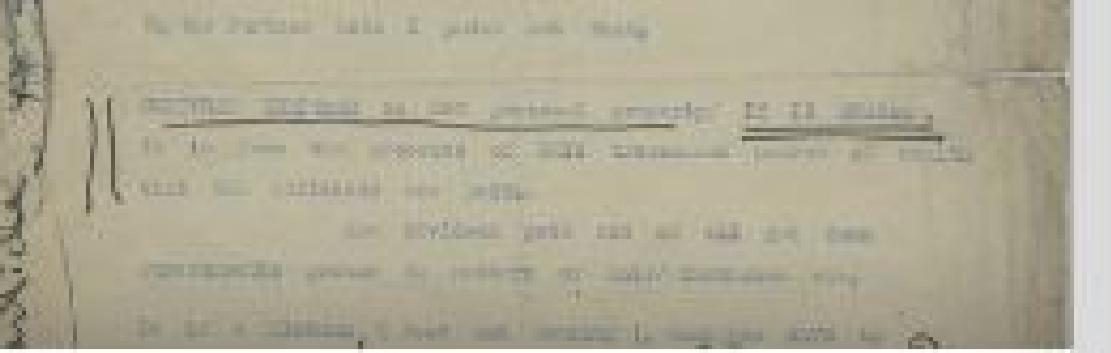
~20,000 students, 900 full-time faculty, 150 library staff

Multiple digital platforms for our collections





Else Lübeck Seel
Digital Collection

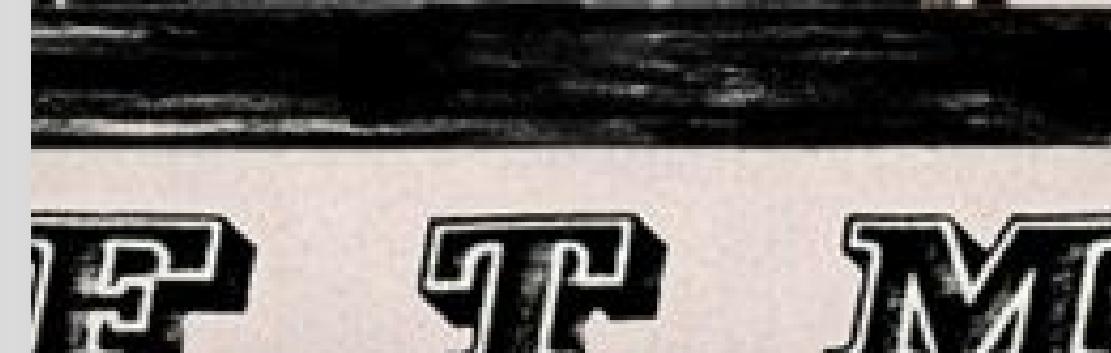


Ezra Pound
Collection



F.T. Prince Collection

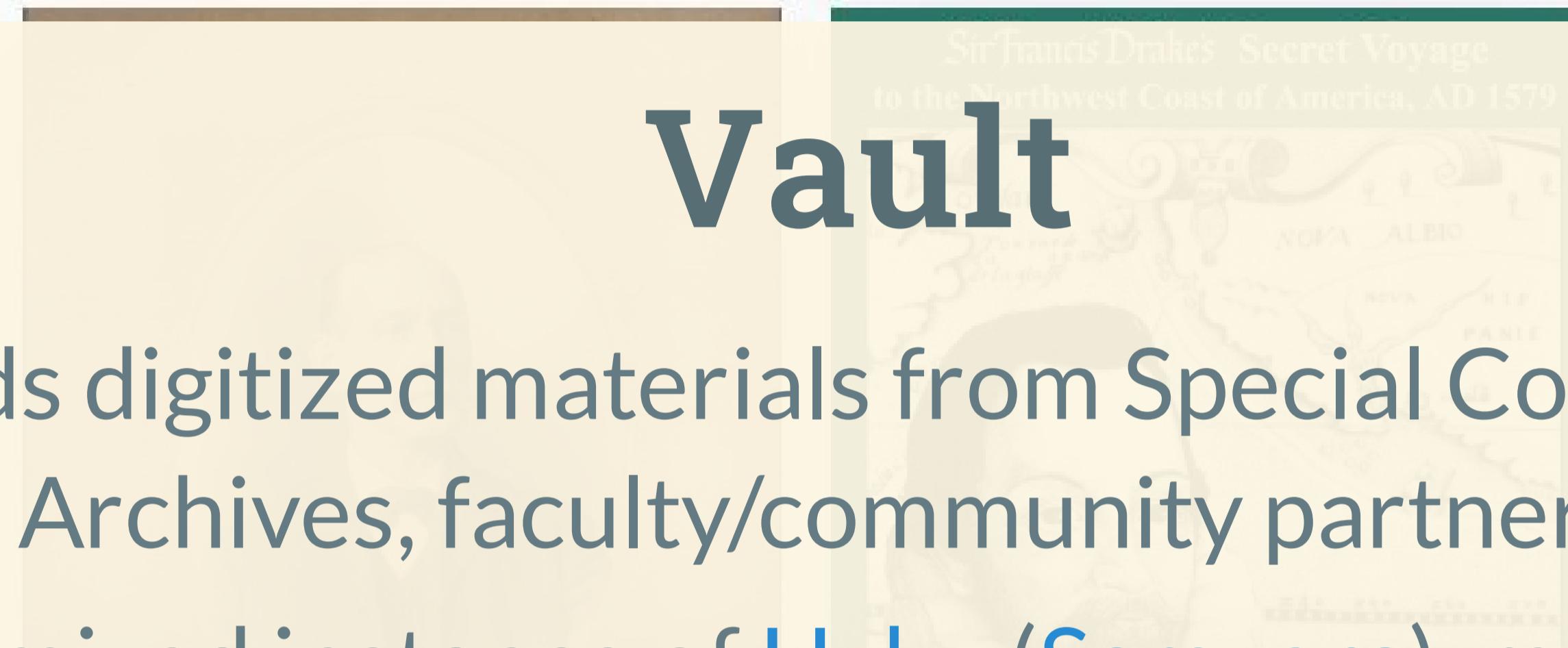
Frank Templeton Prince (1912-2003) was an English poet and academic. The collection consists...



FTM



Food Not Bombs
Collection



Holds digitized materials from Special Collections & Archives, faculty/community partnerships

Customized instance of [Hyku \(Samvera\)](#), migrated from ContentDM starting in 2018

90+ collections, 12000+ works, 98000+ files

2 developers, 2-3 metadata staff working directly in/with Vault (among other projects)



Greater Victoria
Public Library Local
History Collection



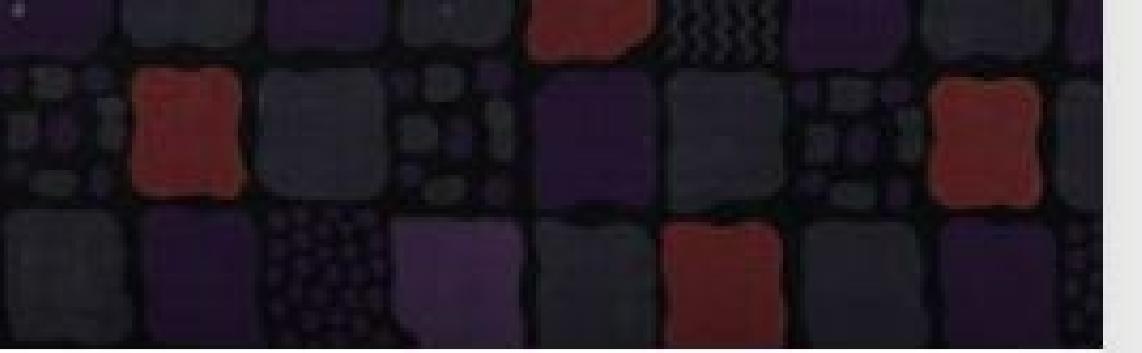
HIV In My Day



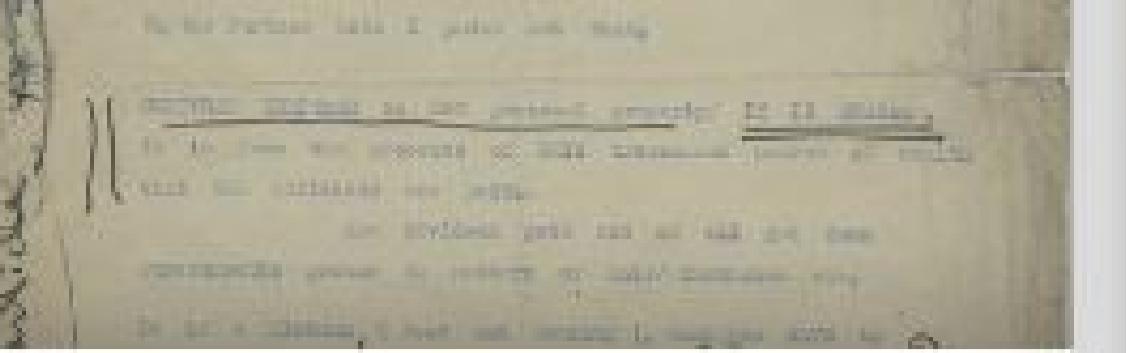
Herbert Geddes



Herbert Read
Collection



Else Lübeck Seel
Digital Collection

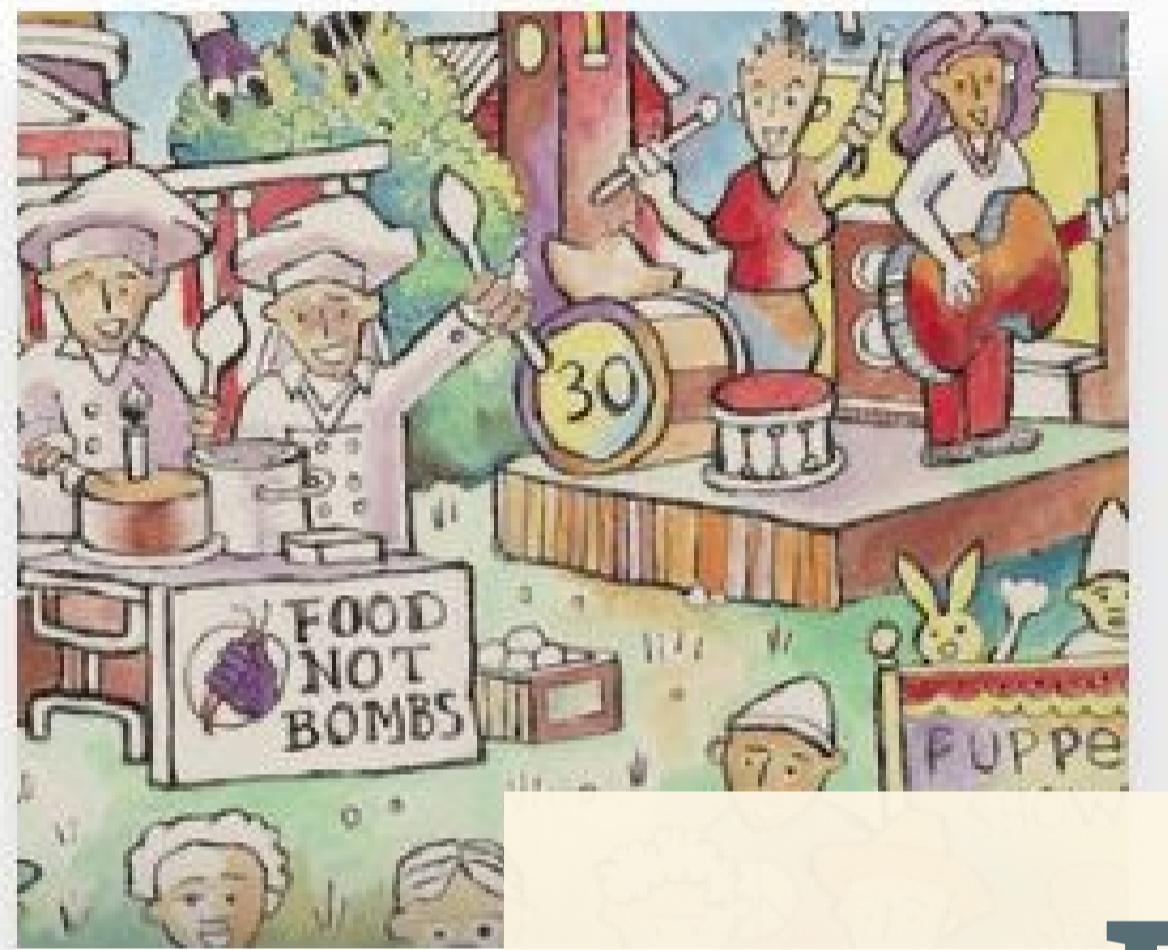


Ezra Pound
Collection

F.T. Prince Collection

Frank Templeton Prince (1912-2003) was an English poet and academic. The collection consists...

F T M
FTM

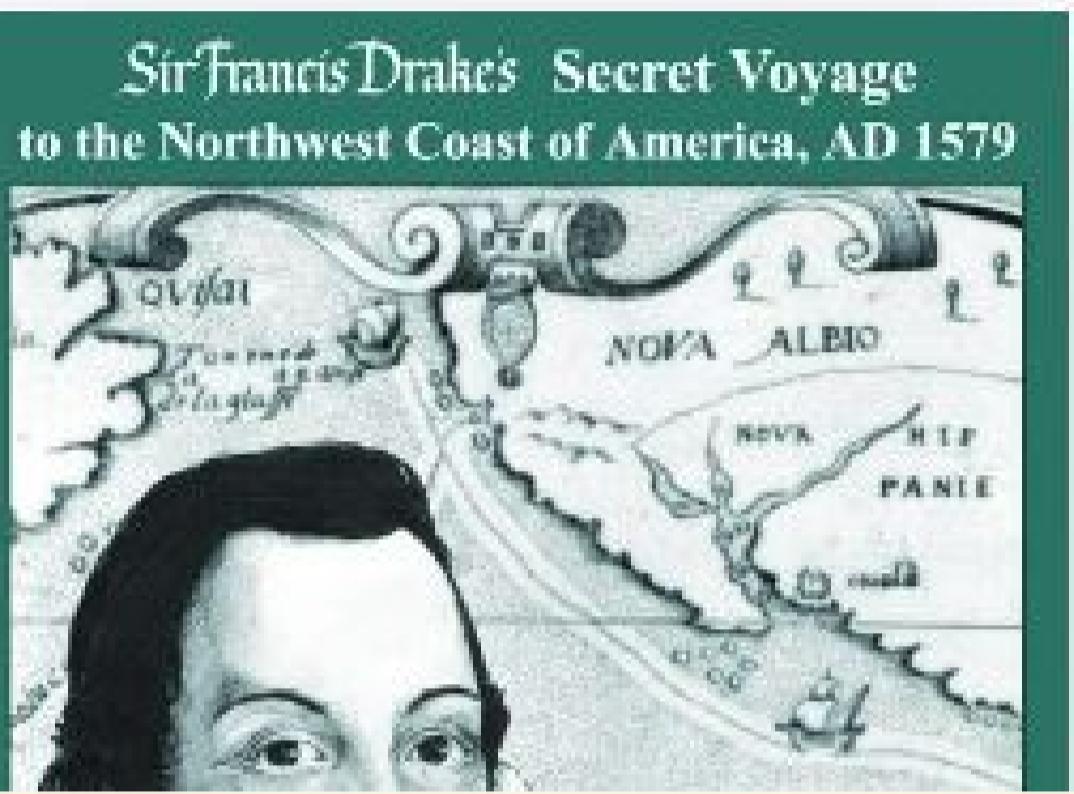


Food Not Bombs
Collection



Example Collections

Frank and Dorothy
Sylvester Collection



Sir Francis Drake Collection



Gisèle Freund
Photographs of
James Joyce in Paris



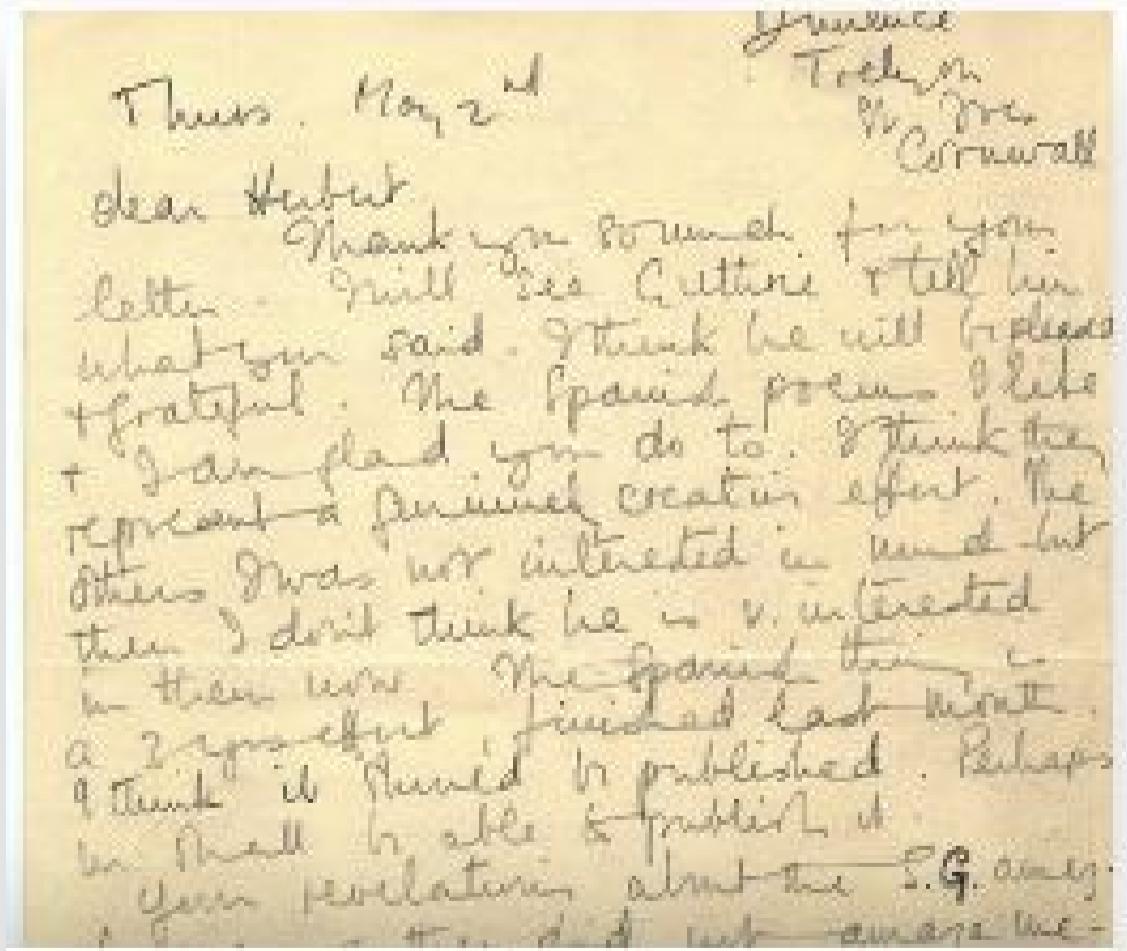
Greater Victoria
Public Library Local
History Collection



HIV In My Day



Herbert Geddes



Herbert Read
Collection

Letter from Sir William Orpen to Lady Beatrice Glenavy (Or-21)

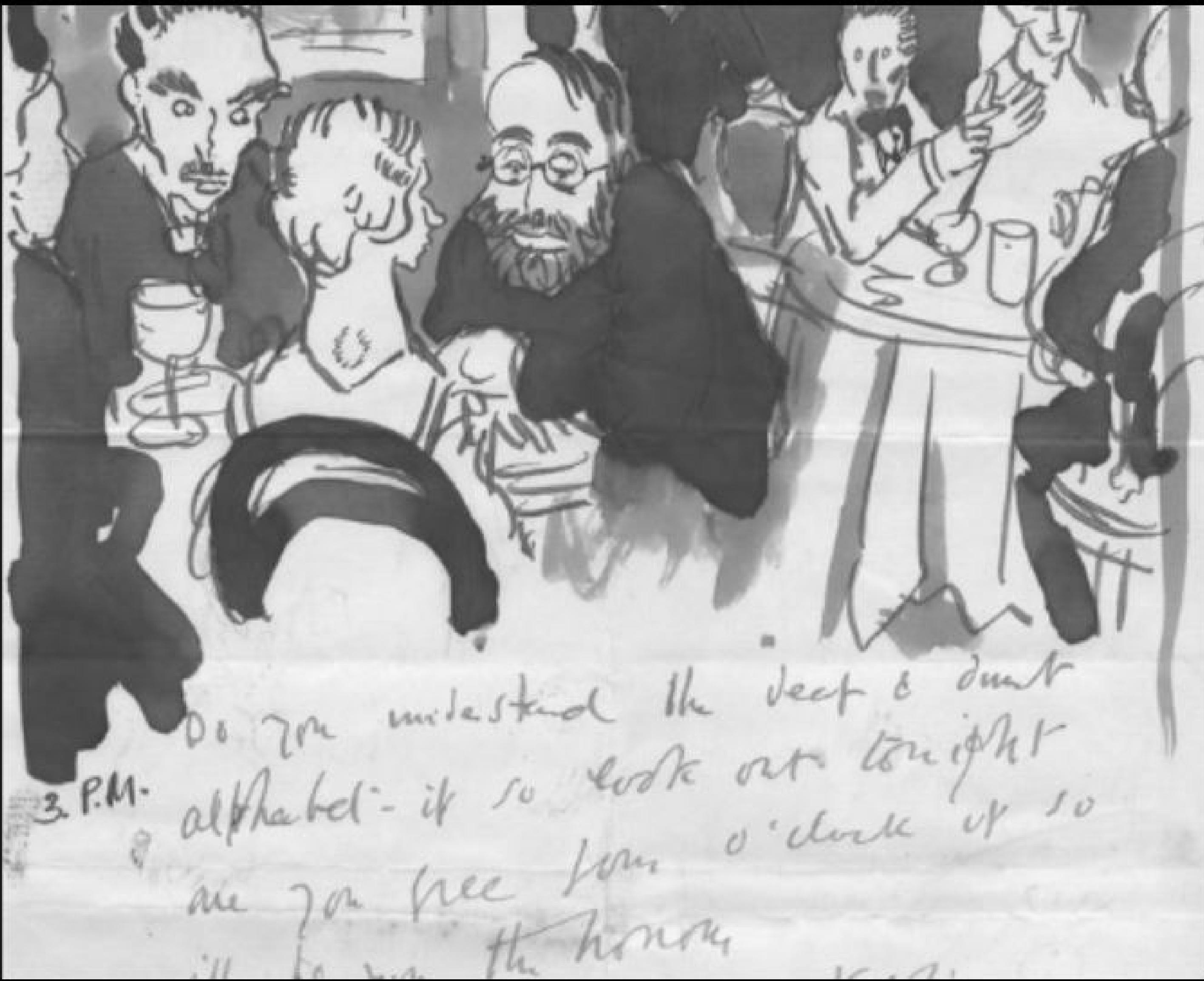
of 8 featured works.

Feature

Analytics

Sir William Orpen Illustrated Letters

Letter from Sir William Orpen to Lady Beatrice Glenavy (Or-21)



**Mathew Ko Colour
Films:
Victoria's Chinatown
and Region**



Why Migrate? Support for Open Standards

IIIF: automatic manifest generation, image server ([Riiif](#)),
and viewer ([Universal Viewer](#))
Linked Data Platform with [Fedora](#)

Metadata: Linked Data and URI Fields

Field Name(s)	Authority or URI
Provider, Creator, Contributor, Subject, Geographic Coverage, Physical Repository	(OCLC) FAST
Genre	Getty Art and Architecture Thesaurus
Rights Statement	rightsstatements.org , Creative Commons

* See Figure 3 in [our recent article](#) for a more detailed table and discussion of metadata

URIs and Labels on the Backend

```
"creator": ["http://id.worldcat.org/fast/78887"],  
"creator_label": ["Orpen, William, Sir, 1878-1931"],  
"contributor": ["http://id.worldcat.org/fast/2012667"],  
"contributor_label": ["Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970"],  
"subject": ["http://id.worldcat.org/fast/1050538",  
            "http://id.worldcat.org/fast/78887",  
            "http://id.worldcat.org/fast/2012667",  
            "http://id.worldcat.org/fast/1050534"],  
"subject_label": ["Painters--Correspondence",  
                 "Orpen, William, Sir, 1878-1931",  
                 "Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970",  
                 "Painters--Biography"]
```

Labels in the Interface

Creator

Orpen, William, Sir, 1878-1931

Contributor

Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970

Subject

Painters--Correspondence

Orpen, William, Sir, 1878-1931

Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970

Painters--Biography

Accessing Linked Data via the IIIF Manifest or RDF/TTL

Go to the page for any work and add /manifest.json or .ttl
to the end of the URL

Example:

vault.library.uvic.ca/concern/generic_works/1a597e67-17a8
-4c97-9c63-c835a41f5474.ttl

```
1 day, 7 months ago | 1 author (You)  
Extends('Layout.app')  
Section('content')  
Section class="website-content">  
  Div id="sub-header">  
    Div class="height-20p"></div>  
  Div class="container">
```

Why Migrate to Open-Source Software

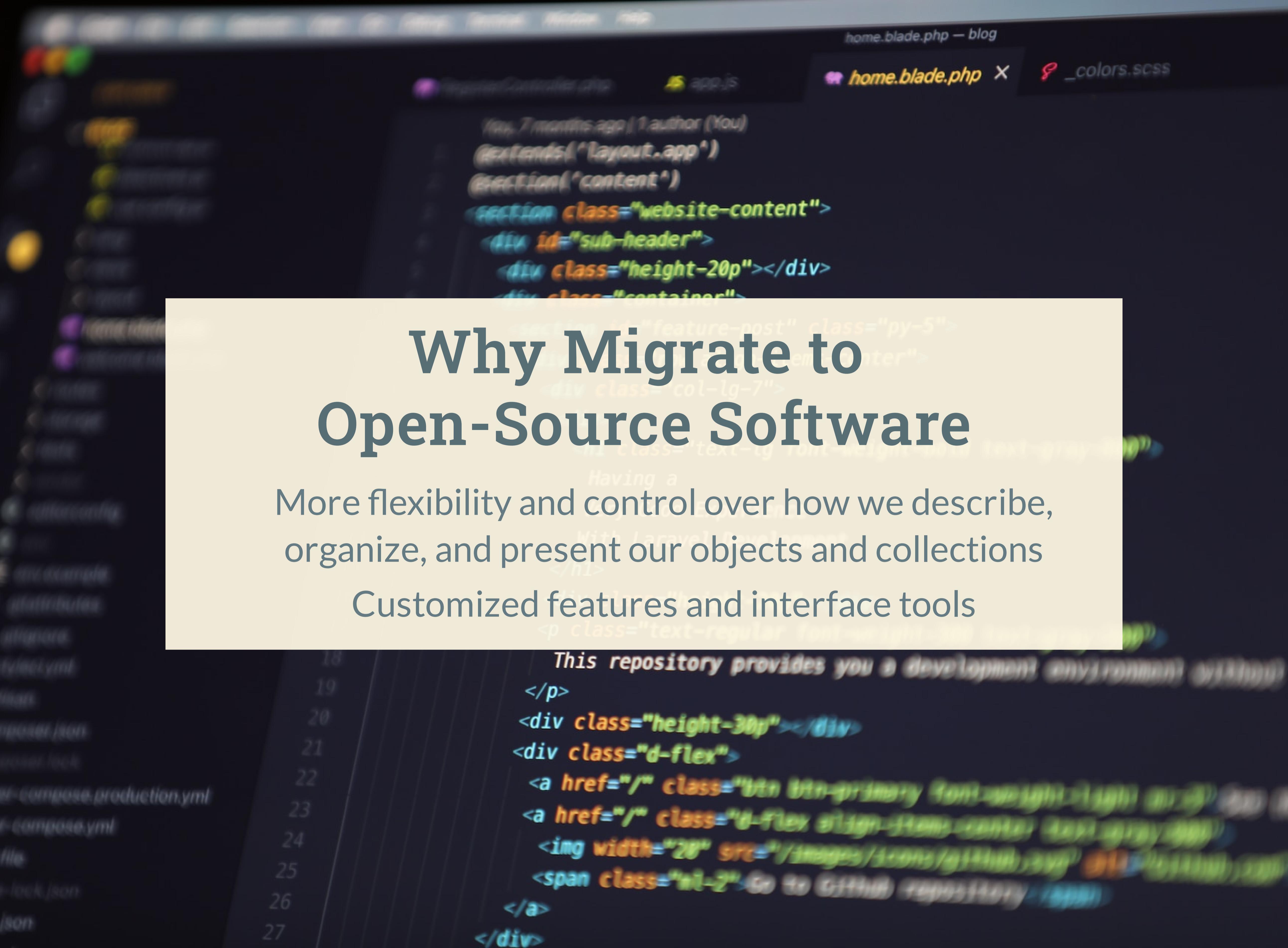
More flexibility and control over how we describe,
organize, and present our objects and collections

Customized features and interface tools

This repository provides you a development environment or tool

```
18  
19  
20  
21  
22  
23  
24  
25  
26  
27
```

```
</p>  
<div class="height-30p"></div>  
<div class="d-flex">  
  <a href="/" class="text-decoration-none font-weight-lighter font-size-14px">  
  <a href="/" class="d-flex align-items-center gap-10px font-size-14px">  
      
    <span class="ml-2 font-size-14px">GitHub repository</span>
```



Extended Date/Time Format

EDTF: a way to express nuanced dates (using symbols) in a way that basic ISO formats cannot

Examples: 1912~ means "approximately 1912"
.../1000 means "Before 1000 (AD)"

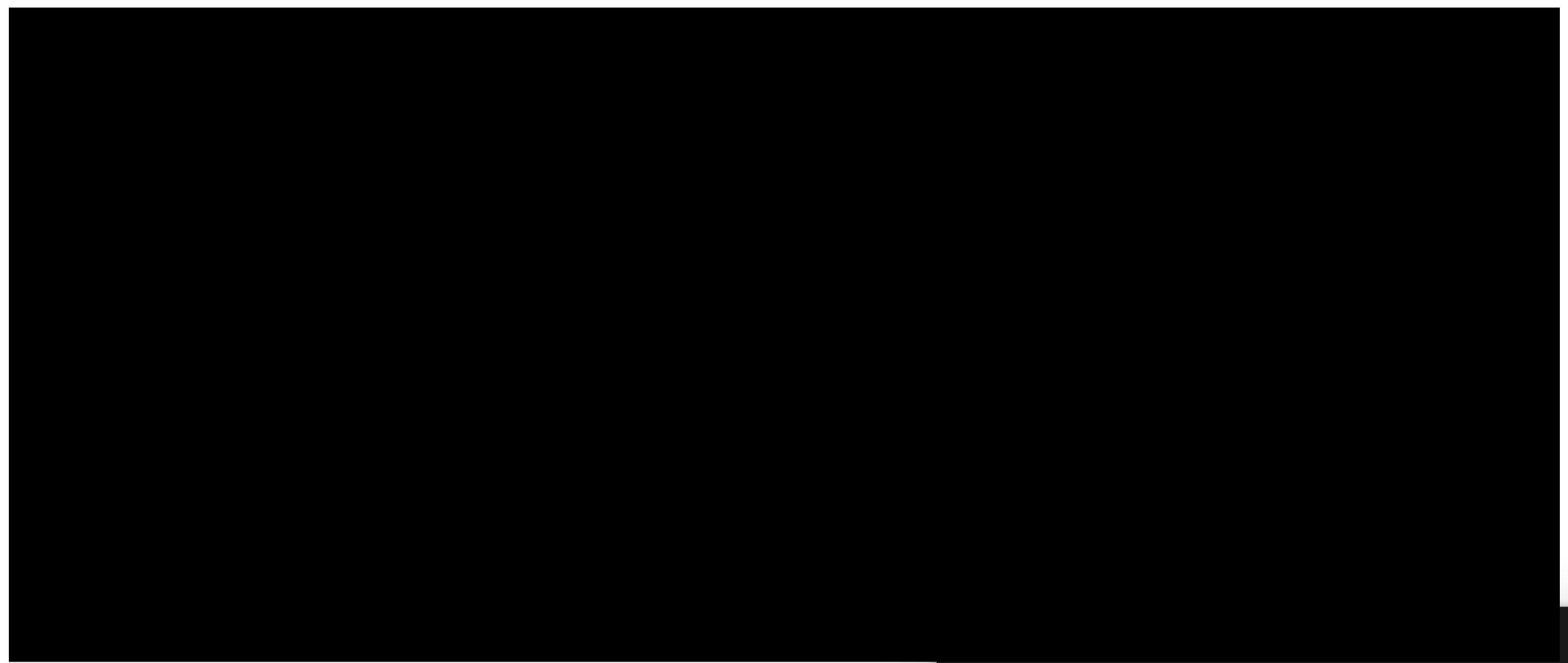
EDTF Date Indexing

Dates are entered using EDTF notation...
And indexed in multiple formats

```
"date_created": ["1476/1500~"],  
"year_sort": "1476-01-01T00:00:00Z",  
"year_range": [1476, 1477, 1478, 1479 ... 1500]
```

[Home](#)

Leaf from a Medieval Book of Hours, Fragment Public

[Analytics](#)[Download PDF transcription](#)

Description and transcription completed by Guifen Jiang, as part of work for a manuscript studies class with Dr. Brian J. Gilligan, Berlin (ENG), June 2022:

Audiuit dominus et misertus... Holocaustum et pro peccato non.

Book of Hours: Use of Paris, Matins of the Office of the Dead, Third Nocturn.

Codicology

Single sheet of very thin parchment, creamy and well-preserved. Text is written in one column of 18 lines, in black ink, with burnished gold initials and red and blue splashing of capital letters. Dimensions are 160x110mm, with text block measuring 105x90mm, including the floral border on the recto (105x20 mm). Reddish plummet ruling visible.

Paleography and Decoration

One scribe for main text throughout, writing Latin in a Gothic Northern textualis, c. 1475–1500. A second hand added some headings and some decorated initials (red, blue, and gold). Floral border in the right margin on the recto is decorated with strawberry and green leaves on a gold background, with blue and gold curly penwork on the upper and lower part of the pattern. Two types of line fillers are used: a blue and red bar, and a flower.

Textual Remarks

Leaf contains part of Matins of the Office of the Dead, Third Nocturn, according to the Use of Paris. Contents may be compared to ff. 174v3–176r5 of a full Use of Paris Book of the Hours housed at Tufts University (Medford, Tisch Library, Tufts University, MS 2, available online at: <https://dlib.tufts.edu/concern/pdfs/c781w639>).

In Collection:[Medieval and Early Modern Manuscripts Collection](#)**Subject**

[Prayers and devotions](#)
[Manuscripts, Medieval](#)
[Manuscripts, Latin \(Medieval and modern\)](#)

Language

[lat](#)

Identifier

Shelf Mark: Fragm.Brown.Lat.8

Date created

[1476 to approximately 1500](#)

Resource type

[Text](#)

Rights statement

[No Copyright - Non-Commercial Use Only](#)

Extent

1 leaf ; 160 x 110 mm

Geographic coverage

[France--Paris](#)

Coordinates

48.85341, 2.3488

Additional physical characteristics

Vellum, 8 four-lined noted staves. Mounted.

Physical repository

[University of Victoria \(B.C.\) Library](#)

Collection

EDTF in the Interface

Dates are humanized for display. The links in the Date Created field link to faceted searches for items in the same date range.

Welcome to Vault, the digital asset management system used by UVic Libraries to store and provide access to digitized materials both from the rare and unique holdings in Special Collections and University Archives and from UVic Libraries' project partners.

Click on a collection below to get started or use the search bar to search across collections. For additional guidelines on searching Vault, see the [Help section](#).

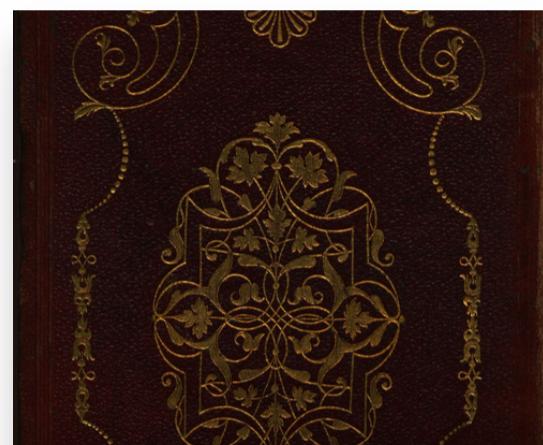
Browse by Genre

[Genre](#) [Time Period](#) [Subject](#) [Place](#)

[Diaries](#) [Historical Maps](#) [Letters](#) [Photographs](#) [Periodicals](#) [Serials](#) [Sound Recordings](#) [Video Recordings](#) [More »](#)

Featured Collections

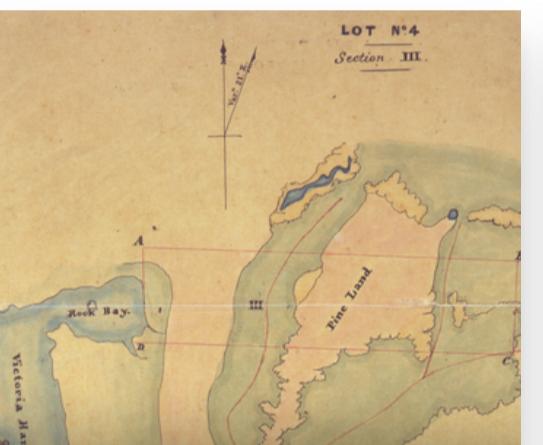
[All Collections](#) [Featured Collections](#) [Featured Works](#) [Recent Collections](#) [Recent Works](#)



19th Century
Periodicals



Victoria Feminist
Newsletters



Hudson's Bay
Company Maps



Transvestia



Victoria's Chinatown, a
gateway to the past
and present of
Chinese Canadians



Community Mapping
Project



E.M. Forster Collection

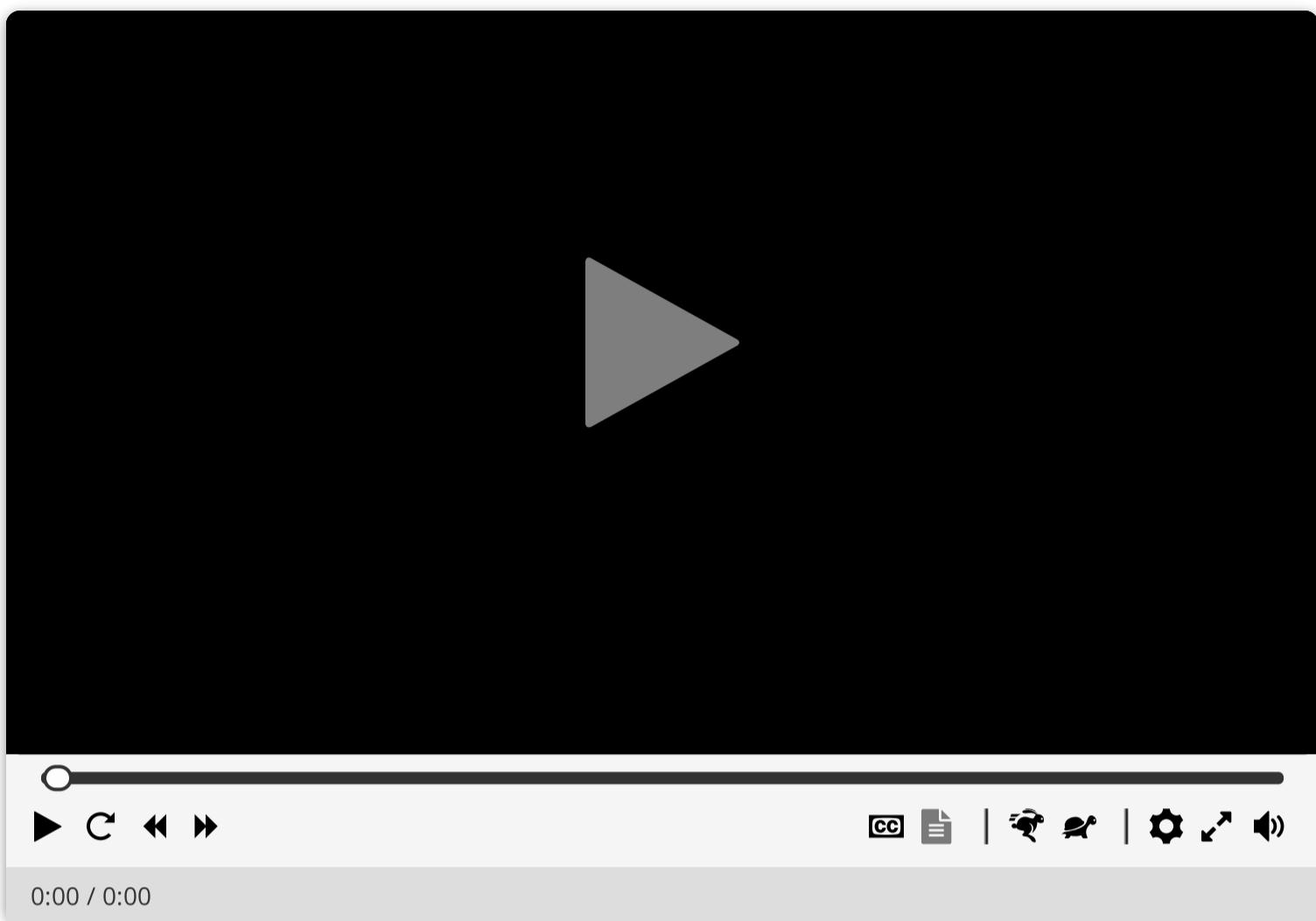
Homepage Facets

Modernism and Post-War Literature Collection

Allows users to filter using broad categories (vault.library.uvic.ca). Users can also browse collections and works visually.

[Home](#)

Interview with Nicki Ward Public

[Analytics](#)[Download video](#) | [Download transcript \(PDF\)](#)

Nicki talks about her work in organizing and implementing the first Toronto Trans March, as well as running for political office.

Narrator Name: Nicki Ward. Interviewer Name: Evan Taylor. Pronouns: She.

In Collection:[Trans Activism Oral History Project](#)

Interactive Video Transcripts

Able Player uses .vtt files (Web VTT format) to create interactive transcripts for videos when available.

Contributor
Ward, Nicki
Taylor, Aar...
Els...
Taylor, Evan

Subject
Transgender
Activists
TheArchives
Transgender Archives

Language

English
French
Spanish
Graphic content
Health care
C-279
Trans Memorial
ID
Trans March
Police
C-16
Bill C-389
Toronto
Political Activism

Date created
[January 27, 2020](#)

Resource type
[Moving Image](#)
[Text](#)

Rights statement
[Creative Commons Attribution-NonCommercial](#)

Geographic coverage
[Ontario--Toronto](#)

Coordinates
43.70011, -79.4163

Chronological coverage
2000 to 2020

Collection
[Trans Activism Oral History Project](#)

Running the Code

Code: github.com/UVicLibrary/Vault

Switch to the `docker_multitenant` branch

Instructions: run Vault locally with Docker

On locally developed, open-source software

Not free (\$) but freedom: labour vs. product

More responsive, shorter development cycles

Hannah Frost: tension between customization/sustainability

Thanks!

Tiffany Chan   | tjychan@uvic.ca

Link to slides: uviclibrary.github.io/OR2023Pres

Slides made with [reveal.js](#)