

Open Standards-Based Development for Discovery & Interoperability

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Link to slides: uviclibrary.github.io/OR2023Pres



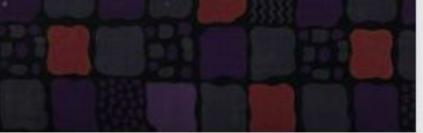
Link to slides: uviclibrary.github.io/OR2023Pres

University of Victoria ("UVic") Libraries

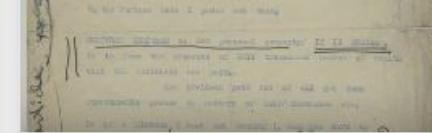
~20,000 students, 900 full-time faculty, 150 library staff

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

Vault

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

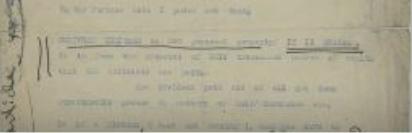


Herbert Read
Collection





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...



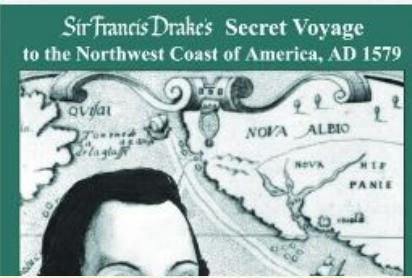
FTM



Food Not Bombs
Collection



Sylvester Collection



Collection



Ele Freund
Photographs of
James Joyce in Paris



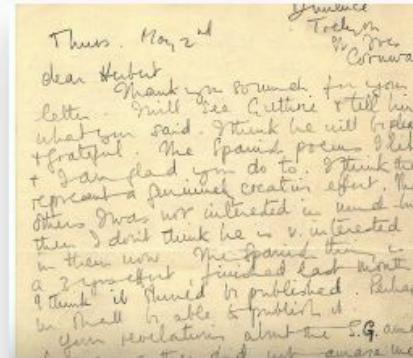
Greater Victoria
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Top

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

Public

Sir William Orpen Illustrated Letters

Maximum of 8 featured works.

Feature

Analytics

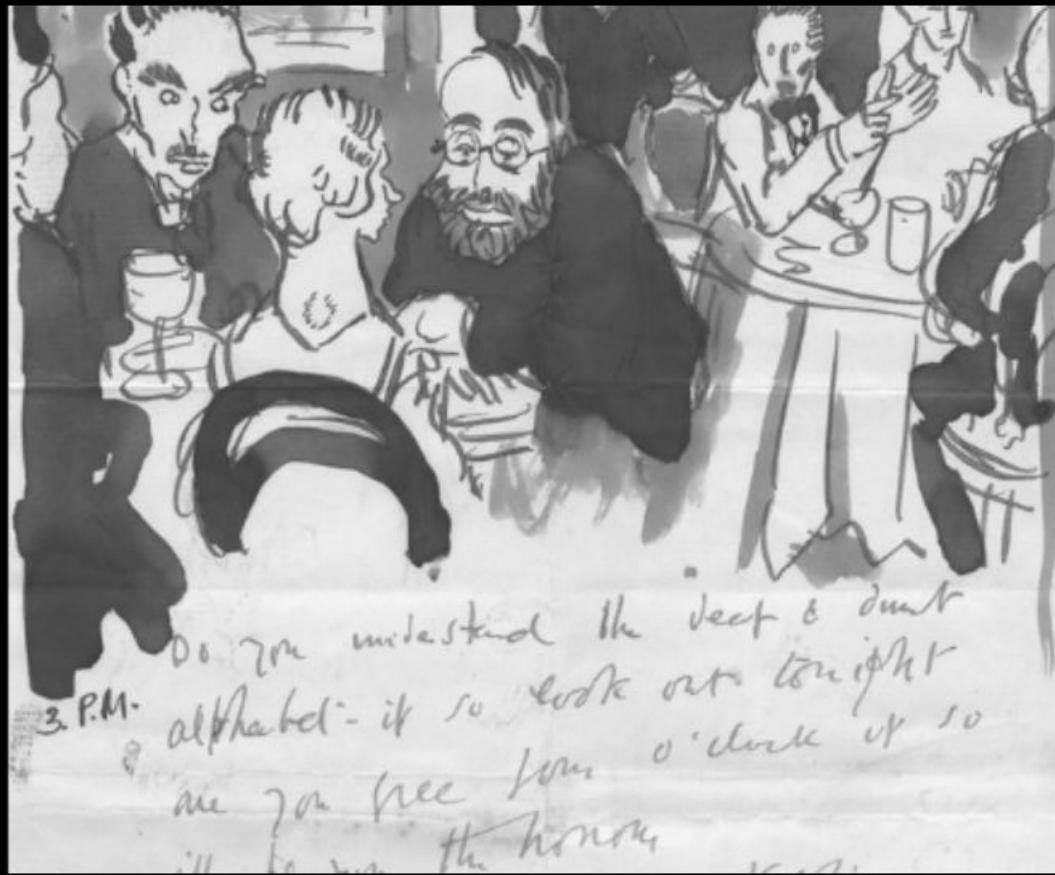
Add to collection

Edit

Attach Child ▾

Delete

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



Do you understand the best & don't
forget - if so look out tonight
3 P.M. at 8 o'clock or so
are you free from the house

« MORE INFORMATION

**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 (URI) Fields

Field Name(s)	Controlled Vocabulary
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

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

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](#)

The screenshot shows a digital library interface for a medieval manuscript fragment. On the left, there's a sidebar titled "CONTENTS" with two items: "Brown_2003-018-3_Fra" and another "Brown_2003-018-3_Fra". The main content area displays the image of the manuscript fragment, which is mostly blank with some faint markings. At the top of this area, there are navigation controls: back/forward arrows, a "Go" button, and a status bar indicating "Image 1 of 2". To the right of the image, a large pink text overlay reads "EDTF in the Interface". Below this, a descriptive text states: "Dates are humanized for display. The links in the Date Created field link to faceted searches for items in the same date range." A "MORE INFORMATION" link is located on the far right edge. At the bottom, there are download and share icons.

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.

MORE INFORMATION

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](#)



Homepage Facets

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](#)

Interactive Video Transcripts

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

2020-01-27 13:02:44

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

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Slides made with [reveal.js](#)