

Many snowflakes = an avalanche

Local needs and concerns can be accommodated and be the fabric for a provincial/national vision.

A coordinated strategic approach that is based on radical - authentic collaboration with our community partners - whether that community is local, regional, provincial, national or international.

Building the Digital Library in Practice: Collaboration across Borders

Matt Barry, Metadata Management Librarian, University of Western Ontario

Caroline Daniels, Systems Librarian, Kwantlen Polytechnic University

Loren Fantin, Executive Director, OurDigitalWorld

Daniel Sifton, Coordinator, Library Automation and Technical Services,
Vancouver Island University

Our session today

As Canada works on implementing a national digital library strategy, we demonstrate what is happening in practice with OurDigitalWorld and the BC Digital Library, **radically collaborating** on an open digital library platform developed in New Zealand.

- Ontario and British Columbia contexts
- The why and the how of our collaboration
- Demo of prototype: Ontario view/BC view/combined view
- Beyond the tech: Same old, same new?
- Questions/discussion

Setting the Context

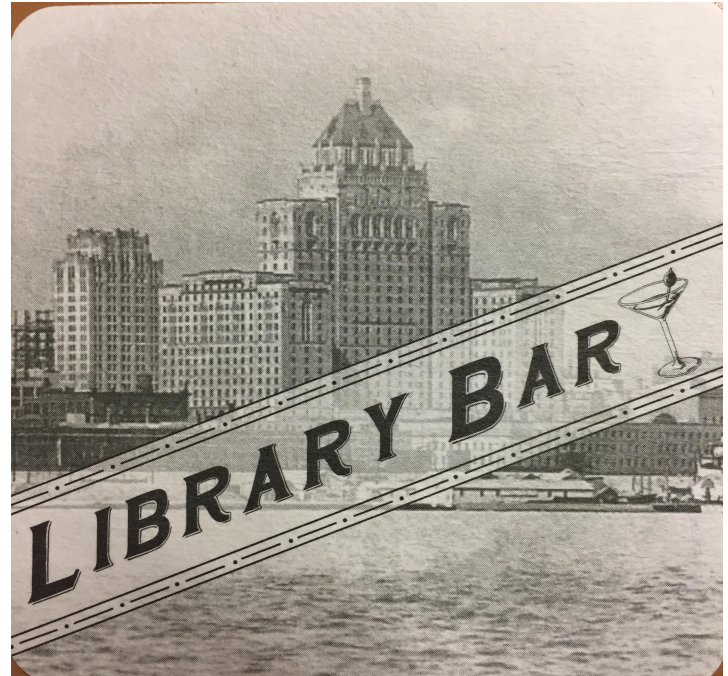
Setting the context

Q: Who's in the room? How many people from:

- Academic sector
- Public library
- GLAM - archives, museums, historical societies
- Government
- ?

BC-ODW “Digital Library” project

The BC PDL initiative and ODW are both looking for *community-based platforms for digital collections* and aim to strengthen and advance both initiatives by working together.



What can and should the *digital public library* be?

The local “library” (archives/museum/historical society/community group) provides content, community knowledge and connections. A *DPL* provides technology, expertise, training, leadership and a network - strategically aligned and in concert with other provincial, national and international bodies.

It is the strategic development, utilization and coordination of community capacity, bringing regional expertise and content to a big picture vision of web-scaled collections.

The DPL is both *local and global* - connected, open, shareable, sustainable.

What do GLAM organizations need to participate?

- *Funding* for staff to carry out the digitization work: curate, digitize content, create/edit metadata, manage the digital files, make them accessible (preservation)
- Digital collections software and hosting - standard metadata formats
- Assistance with data migration for exporting data, and in other cases with data mapping
- Resources on digitization practices, standards, copyright, accessibility, discovery
- Project management assistance, training and webinars

Ontario

Ontario “digital library” timeline

1999-2000 - “Virtual” Provincial Library idea fostered by the OLA

2003 - ODL business plan

2005 - ODL becomes Knowledge Ontario, receives pilot monies for Our Ontario and Resources Projects

2006: Knowledge Ontario funding/launch, digital toolkit adopted

2007: 1st iteration of ourontario.ca portal launched

2008: OLITA Award for Technology Innovation in Libraries

2009-2011: Community Digitization Project (SOLS/OLS-N)

2012: Knowledge Ontario ceased operations

2012: The Our Ontario project becomes OurDigitalWorld launched as an nor-for-profit

2014-2016: DPLA/Ryerson Pilot

2015-2017+ BC-OO digital library initiative

2017: Ministry of Tourism, Culture & Sport convenes a Public Library Roundtable on Digital Services to discuss an Ontario Digital Library, consultant’s report in 2018

2018: Digitization survey (funded by SOLS)



OurDigitalWorld

COLLABORATING. CREATING. SHARING.



OurDigitalWorld is a non-profit organization that supports digital stewardship of community cultural heritage.

We collaborate with libraries, archives, museums, historical societies, and community groups to create sustainable digital collections and bring together for discovery the extraordinary stories that define and shape our communities.

ODW: What we do

- *We partner with organizations in managing, preserving and sharing our digital assets.* (digitization projects, digital collections software and hosting)
- *We make local community history globally accessible.*
(aggregate and index data from many different content organizations for discovery)
- *We advocate for digital cultural heritage as a public good:* sharing, access, attribution, and reuse. (resources, webinars, etc.)

Results

We found 14165 matching items.

Keyword(s) to search: Japanese work camp



Page 1 of 709 **1** 2 3 ... 708 709 → Next

[The Chronicle-Journal](#)

Schreiber to honor former interns [Japanese-Canadians interned at work camps during WWII]



Japanese internment Camp

Thunder Bay Public Library



Mounted Photograph of Schreiber Japanese Internment Camp

Schreiber Public Library



Japanese internment Camp

Schreiber Heritage & Tourism Committee

Schreiber Public Library



Kazuye and Tsukane Mayeda Oral History

WEB TOOLS

See Alternate Formats:

[Dublin Core](#) | [RSS](#) | [Atom](#) | [Solr](#) | [Mods](#) | [RDF](#)

[Google Earth \[help\]](#)

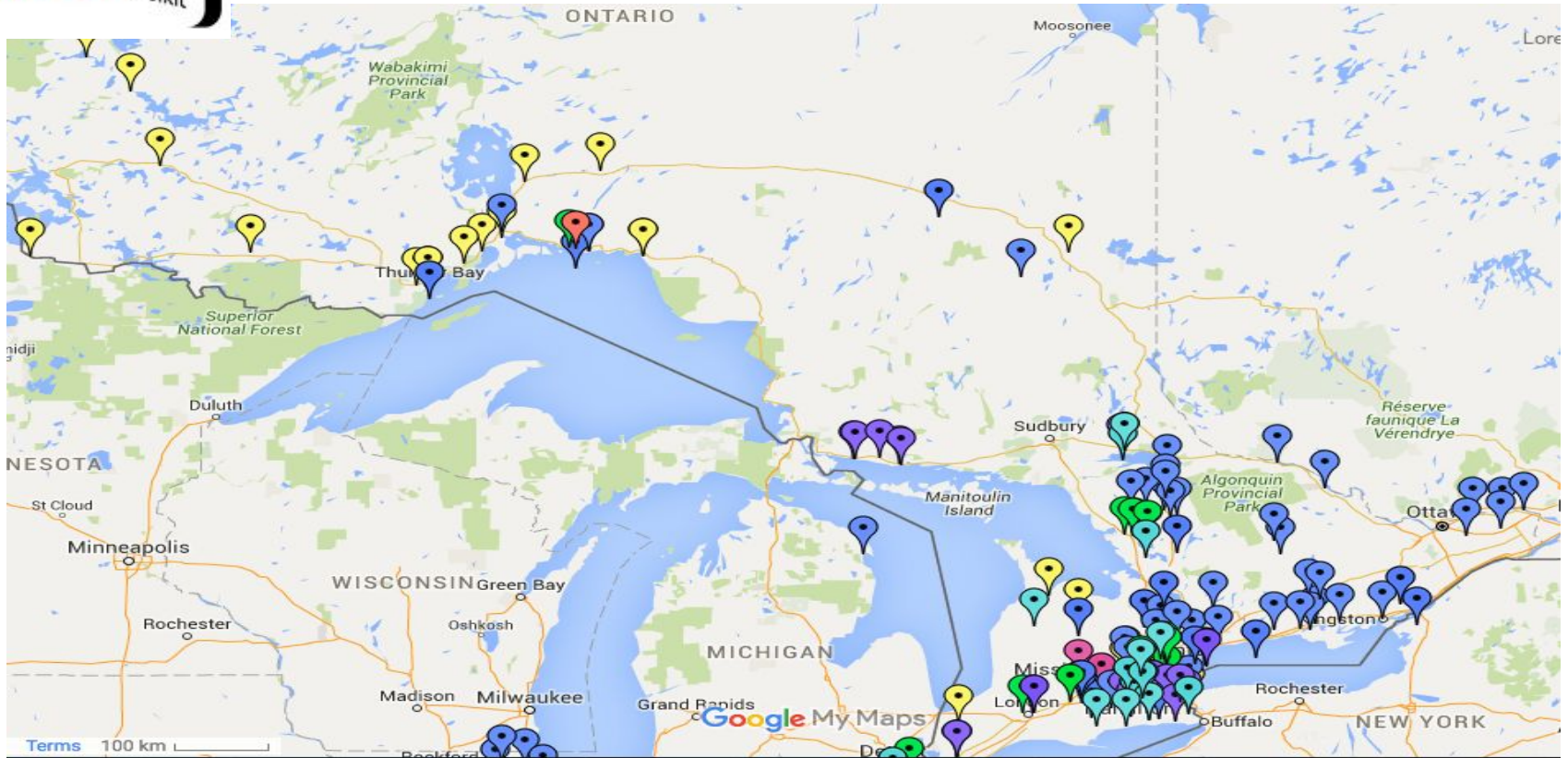
[SHARE](#) [f](#) [t](#) [e](#) ...

SEARCH WITHIN THESE RESULTS

CONTRIBUTORS

- Ajax Public Library (10)
- Bancroft Public Library (1)
- Barrie Public Library (2824)
- Belleville Public Library (2)
- Brampton Library (4)
- Brock University Archives (1)
- Burlington Public Library (1)
- Canadiana.org (151)
- Chatham-Kent Public Library (7)
- City of Kawartha Lakes Public Library (11)
- Clarington Public Library (1475)
- Cobourg Public Library (3)
- County of Brant Public Library (10)
- Cramahe Township Public Library (194)
- Dunnville District Heritage Association (2)
- Elgin County Archives (1)

“Make participation easy”



How do we make ourontario.ca sustainable?

- Next platform iteration:
 - Open-source
 - Community-supported
 - By the LAM community

- Our initial idea was to see if we could leverage DPLA technologies...

Living next to you is in some ways like sleeping with an elephant. No matter how friendly and even-tempered is the beast, if I can call it that, one is affected by every twitch and grunt. Pierre Trudeau



Initial exploration: DPLA/Ryerson/ODW Pilot

The screenshot shows a Slack interface. On the left is a dark sidebar with a navigation menu. The main area displays a conversation in the #dpla-pilot channel. The channel header includes the name, member count (5), and a search bar. The conversation is dated October 23rd and 26th, 2015. Messages include an announcement of a GitHub integration and a discussion about a forked repository.

Our Digital World Ifantin

All Threads

Channels

dpla-pilot

general

Direct Messages

slackbot

Ifantin (you)

dbedard

mjsuhonos

redlibrarian

telezoic

#dpla-pilot

☆ | 👤 5 | 📌 1 | ✎ Add a topic

October 23rd, 2015

mjsuhonos 3:21 PM
added an integration to this channel: [github](#)

andrewpark 3:51 PM
joined #dpla-pilot.

October 26th, 2015

andrewpark 11:34 AM
Is there anything you would like me to get started on?

mjsuhonos 11:53 AM
Hey Andrew. I'm just in transit at the moment, but happy to chat more when I get into the office. In the meantime, the "automation" repo is where we'll be starting.
I've forked it from DPLA to ODW, but here is the issue from when I started trying to use it: <https://github.com/dpla/automation/issues/117>
I believe Mark Breedlove will be the person at DPLA helping us with issues related to that repo

Setting the context for collaboration

On Dec 3, 2015, at 4:52 PM, Mark A. Matienzo <mark@dp.la> wrote:

Hi Daniel,

Sure thing. You might want to start with our automation repository, which will allow you to provision a local development environment of most of DPLA's applications - <https://github.com/dpla/automation>

I've copied MJ Suhonos at Ryerson University, who is working with OurDigitalWorld on a pilot project to test out DPLA's infrastructure. MJ, as well as an intern working for him, have been starting work to provision the infrastructure and have had some degree of success.

Best,
Mark

Mark A. Matienzo, Director of Technology
Digital Public Library of America | <http://dp.la>
mark@dp.la

On Dec 3, 2015, at 4:01 PM, Daniel Sifton <Daniel.Sifton@VIU.CA> wrote:

Hi Mark,

We're in the early days of exploring the idea "Provincial Digital Library" here in British Columbia. As we look out at possible existing platforms, I was thinking it might be useful if we could get a sense of the initial implementation (from a technical point of view) for different systems. Some of this we could learn by examining existing implementations, but ideally we could look under the hood too.

We're looking to create a test instance really, that has no connection to your data but could provide a "shell" for us to investigate possibilities.

British Columbia

Digitization Milestones in BC



BC Digitization Coalition

The BC Digitization Coalition is a group working toward the creation of a provincial digitization strategy in British Columbia. The Coalition evolved from the committee which organized the 2008 BC Digitization Symposium, an event attended by stakeholders representing archives, historical societies, libraries, museums, and K-12 educators.

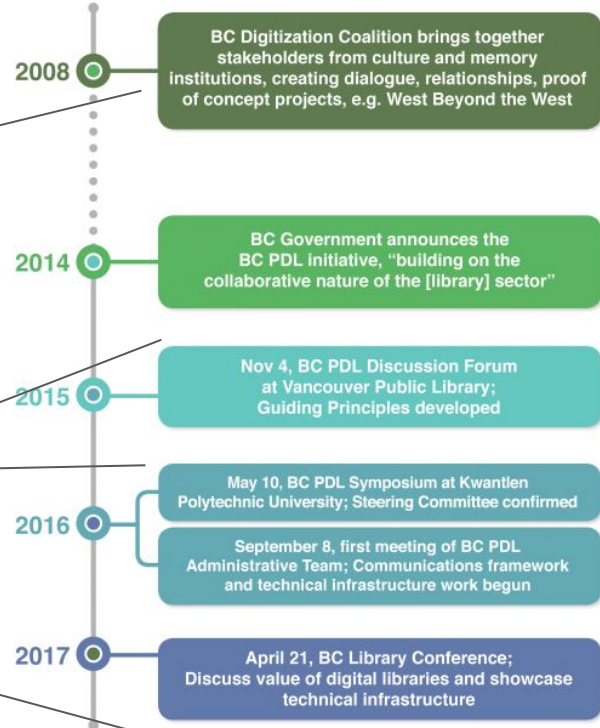
The purpose of the Coalition is outlined in its draft [Terms of Reference](#):

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ARCA - Oct 2015

Informal Infrastructure
Investigations

Business Analysis



The Announcement - April 17, 2014

Energy, Mines and Petroleum Resources

Core Review strengthens private institutions, libraries and international education

Share



Release

Thursday, April 17, 2014 9:30 AM

More from this Ministry

- Factsheets
- Visit Ministry Website

Featured Topics

VICTORIA - Bill Bennett, Minister of Energy and Mines and Minister Responsible for Core Review and Amrik Virk, Minister of Advanced Education announced changes that will position private career training institutions for greater success, expand access to academic and library resources and better co-ordinate international education initiatives.

The private career training sector is a key part of the post-secondary system, providing important skills training for British Columbians and attracting international students. While the Private C and thousan and thousan sector's ong PCTIA will be Education T

libraries, which will also result in expanded public access to information and resources and libraries, which will also result in expanded public access to information and resources and greater co-ordination and efficiencies across the three sectors.

A new Provincial Digital Library will expand access to academic research and openly licensed library resources. The first phase of the digital library will allow anytime, anywhere access to research created at B.C. post-secondary institutions, while the second phase will expand access to openly licensed resources across academic, school and public libraries.

Next steps will be working with stakeholders to build on the collaborative nature of the sector to identify opportunities for shared services such as shared procurement, licensing

Early Environmental Scan

KNOWLEDGE SECTOR DIGITIZATION AND THE OPPORTUNITY FOR A BC PROVINCIAL DIGITAL LIBRARY

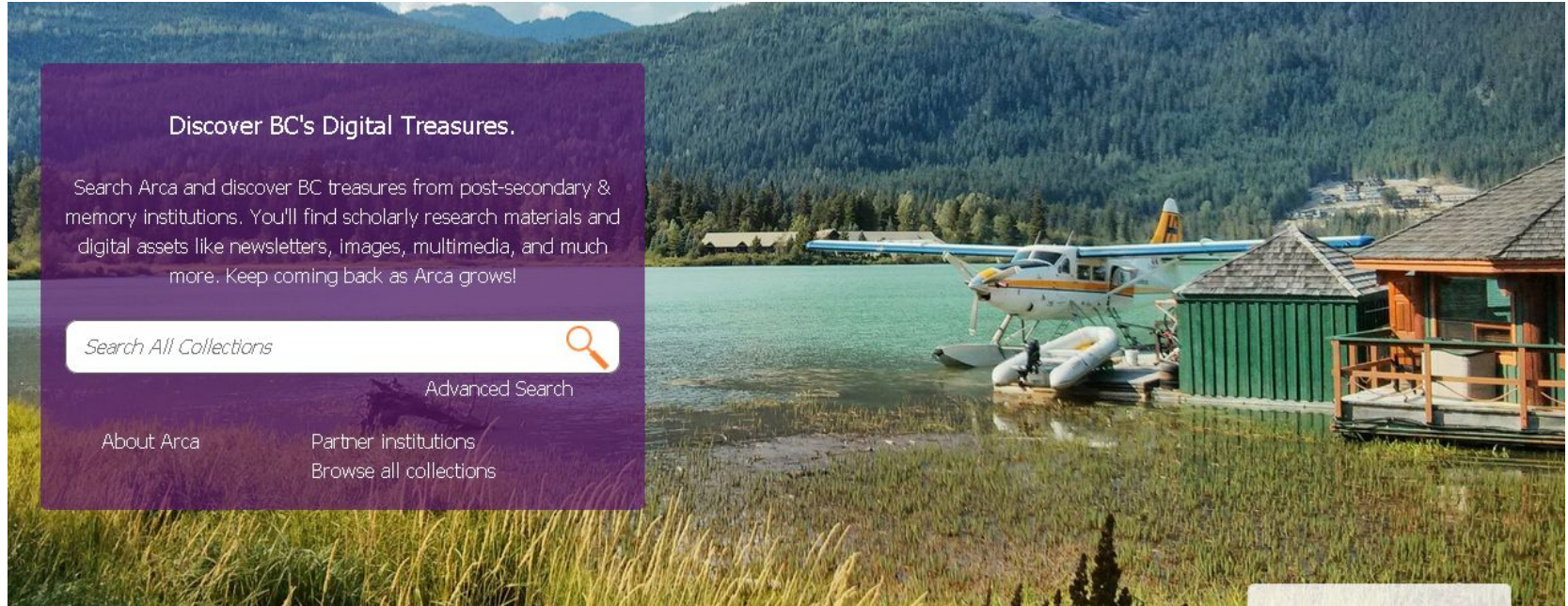
Prepared by Mike Conroy for the BC Libraries Cooperative
July 6, 2015

THE CHALLENGE

British Columbia libraries, museums, archives, galleries and historical societies have been digitizing historical material for over a decade. At the request of Libraries Branch, Ministry of Education, BC, the following is an attempt to assemble an inventory of the institutions, materials and digitization methodologies that have been or are currently in use in BC. **We provide recommendations for strategic integration and further development of shared services that may reduce costs and provide greater coordination across the knowledge.** Further, the inventory serves to describe what might compose the extent of the currently available knowledge sector contribution to a “Provincial Digital Library”.

- 85+ organizations in BC digitizing collections 📖
- Over 32 different platforms 🤖
- 25 organizations either did not list a platform, or platforms were unidentifiable 🤖

First Phase - Arca: BC's Digital Treasures



Discover BC's Digital Treasures.

Search Arca and discover BC treasures from post-secondary & memory institutions. You'll find scholarly research materials and digital assets like newsletters, images, multimedia, and much more. Keep coming back as Arca grows!

Search All Collections



Advanced Search

About Arca

Partner institutions

Browse all collections

Nov. 4, 2015 meeting:
Early dialogue
amongst small group of
of stakeholders



Outcome....

Guiding Principles

Established



Outcome...

Expand the Dialogue

May 10, 2016



May 10, 2016 Outcome...

Radical collaboration in
action!

Loren Fantin delivers the
keynote address...



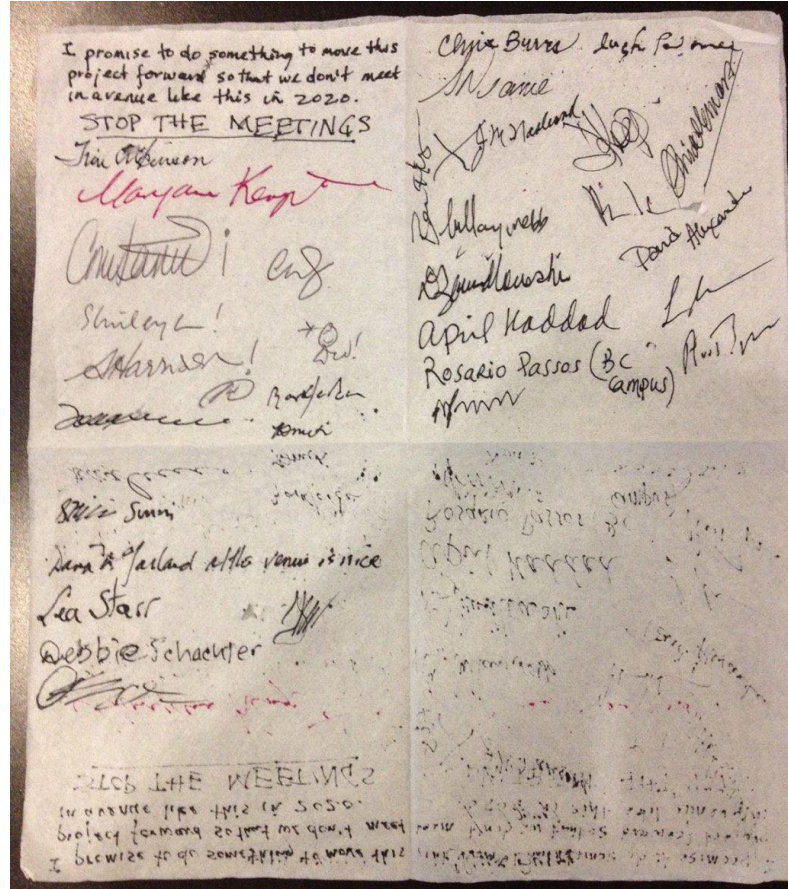
Last piece of advice

It's up to us... so just do it!

What are you (specifically) going to do to *further the vision*, to *invite participation*, to *advocate the principles* to the (local, provincial, national) groups you belong to?

May 10, 2016 Outcome ...

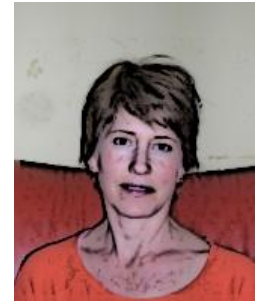
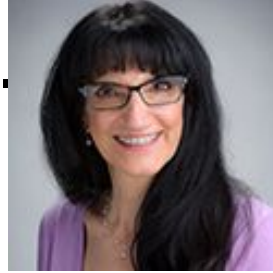
The Napkin Manifesto



May 10, 2016 Outcome ..

BCDL AdminTeam

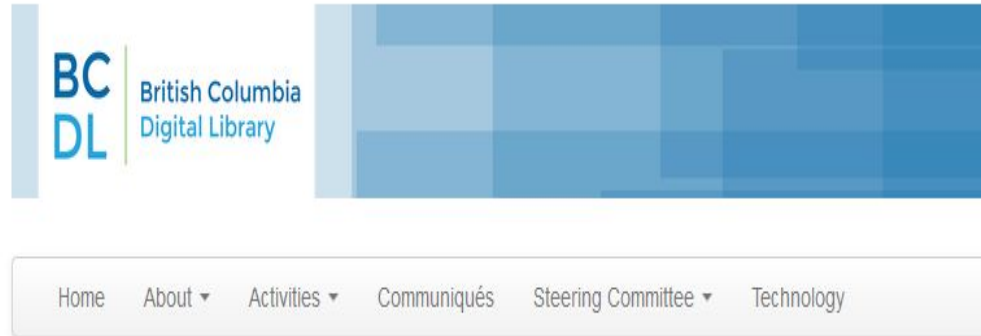
- Anita Cocchia, BC ELN
- Caroline Daniels, Kwantlen Polytechnic University
- Dan Sifton, Vancouver Island University
- Dana McFarland, Vancouver Island University



BCDL Steering Committee is established

A group of the interested who responded to the government announcement ...

- spanning across sectors



BCDL Steering Committee

Platform decisions

Hub and Spoke Infrastructure

At a Steering Committee meeting in July 2016, the **hub and spoke model** was put forward as a best practice for the BCDL project. The hub and spoke model connects different organizations, in varying sizes and complexities, in a distributed network of content and service providers.



Phase 1: Demonstrate and Communicate

The BCDL is a phased, multi-year project, guided by an over-arching vision of access to the intellectual, historical and cultural record of the Province for the people of British Columbia. In its simplest form, the BCDL provides access to a range of materials that enrich the intellectual and leisure life of a citizen, showcase the contributions of individuals, organizations and government, and contribute to the economic well-being of the province.

Where are we at now....

Phase 1 was to develop a demonstration site, a website, and to provide ongoing communications for the initiative.

- We have a demonstration site
- We have a website at <http://bcdigilib.ca/>
- We have ongoing communications and socialize the idea at any chance we get
- We have interim governance structure

Phase 2 : Business Analysis



DEFINE SERVICE
POSSIBILITIES

ASSESSMENT

Other Digital Libraries
(DPLA, Europeana,
DigitalNZ ...)



Stakeholder
Interviews

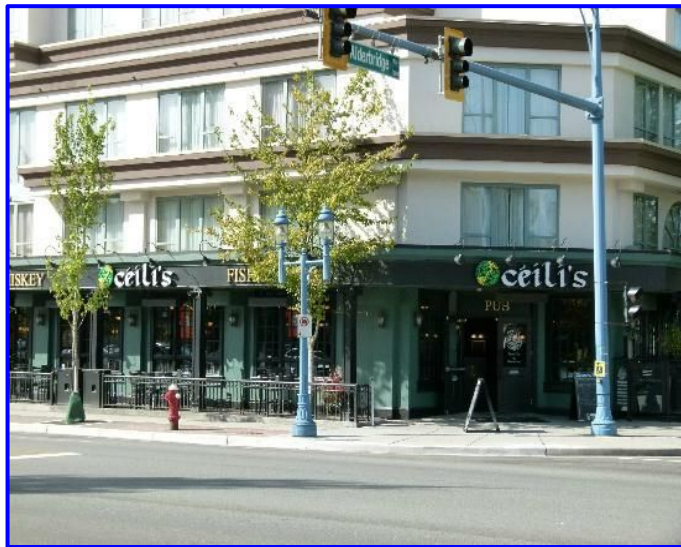


SUSTAINABILITY

Real-time BC-ODW Collaboration

Real-time BC-ODW collaboration

OurDigitalWorld (ODW) is seeking a **Digital Library Developer for Phase 2 (ODW, in collaboration with the British Columbia Provincial Digital Library Initiative)** to develop and test solutions for a digital library platform, mainly the Digital Public Library of America (DPLA) platform, for use initially in Ontario and BC.



Real-time collaboration: “Canada”

The screenshot shows a Slack interface for a channel named "#general". The left sidebar lists various channels and direct messages, with "#general" selected. The main content area shows a conversation from April 6th and 7th, 2017. Daniel Sifton initiates a discussion about using a Supplejack instance for harvesting data via API. Tyler Kennedy responds, stating they are currently using CKAN's API and planning to integrate Supplejack in Phase 2. Daniel Sifton concludes by expressing interest in further discussion.

LAC-ODW-BCP... Loren Fantin

All Threads

Channels

general

random

Direct Messages

slackbot

Loren Fantin (you)

Bronwen Sprout

Caitlin Horrall

Caroline Daniels

Dana McFarland

Daniel Sifton

#general 10 | 0 | Company-wide announcer

Search

@

☆

April 6th, 2017

Daniel Sifton 5:15 PM

Hi @tktech, We're thinking of experimenting with using our supplejack instance to harvest (via API) from another supplejack instance. We'll let you know how this goes (or maybe you have already tried this). If you have an instance we could share API connection details with you. Do you have a running instance? (edited)

Tk Tyler Kennedy 7:14 PM

We don't at the moment. For now (phase 1) if approved will just use CKANs API (push) and CKAN harvesters (pull)

Phase 2 is our supplejack integration and rolling out harvesters for everyone

April 7th, 2017

Daniel Sifton 11:24 AM

I'm looking forward to talking with you about this! I heard from James Robertson at DigitalINZ, and I understand that they are planning improving the Supplejack the

Real-time collaboration: Globally

The screenshot shows a Slack interface. On the left is a sidebar with a search bar for 'Supplejack-NA' and a list of channels and direct messages. The main area shows a message from user 'telezoic' in the '#deploy-development' channel, dated September 5th, 2017. The message asks for help with a production build. Below the message is a link to 'Supplejack : Production Install Documentation'. A second message from 'nwoodward' is partially visible at the bottom, dated September 11th, 2017.

Supplejack-NA ▾
● Ifantin


Channels +
deploy-development

Direct Messages +
♥ slackbot
● Ifantin (you)
○ artunit
○ brandonw
○ bronwen
○ caroline
● danamc
○ dbedard
○ leww
○ mdbarry
● telezoic

#deploy-development
☆ | 👤 12 | 🗑️ 0 | initial deployment and develop


🔍 Search @ ☆ ⋮

September 5th, 2017

 **telezoic** 5:43 PM
Hi Nick, It's been a slow week and now that I have the dependencies in I was hoping to pick your brain about the SJ production build. (I'm assuming first that your builds are from [:http://digitalnz.github.io/suplejack/start/production-install.html](http://digitalnz.github.io/suplejack/start/production-install.html)). Step 2 suggests we 'refer' to the application template. By 'refer' I'm thinking maybe they mean something like execute the processes in the template? In the Development set-up I see we run the the application template, but there are no explicit instructions to do this for the Production Install . . . but clearly something else is needed. There's no 'initialization' otherwise, just some bundle commands and then rails console errors. Any tips you could share with me would be enthusiastically received 😊

digitalnz.github.io
Supplejack : Production Install
Documentation

September 11th, 2017

 **nwoodward** 10:44 AM
[@telezoic](#) Hey. I think you're on the right track. I used the Rails application template to write bash scripts that stand up our production environment in AWS. It was mainly about creating all the settings and db files with separate keys, dbs, etc. for dev and production. I clone the

```
attribute :locations, xpath: "//dc
locations = get(:locations).to a
locations.collect do |location|
  if location.include? "north="|
    let (:north) => { :north => }
```



OurDigitalWorld

BC
DL

British Columbia
Digital Library



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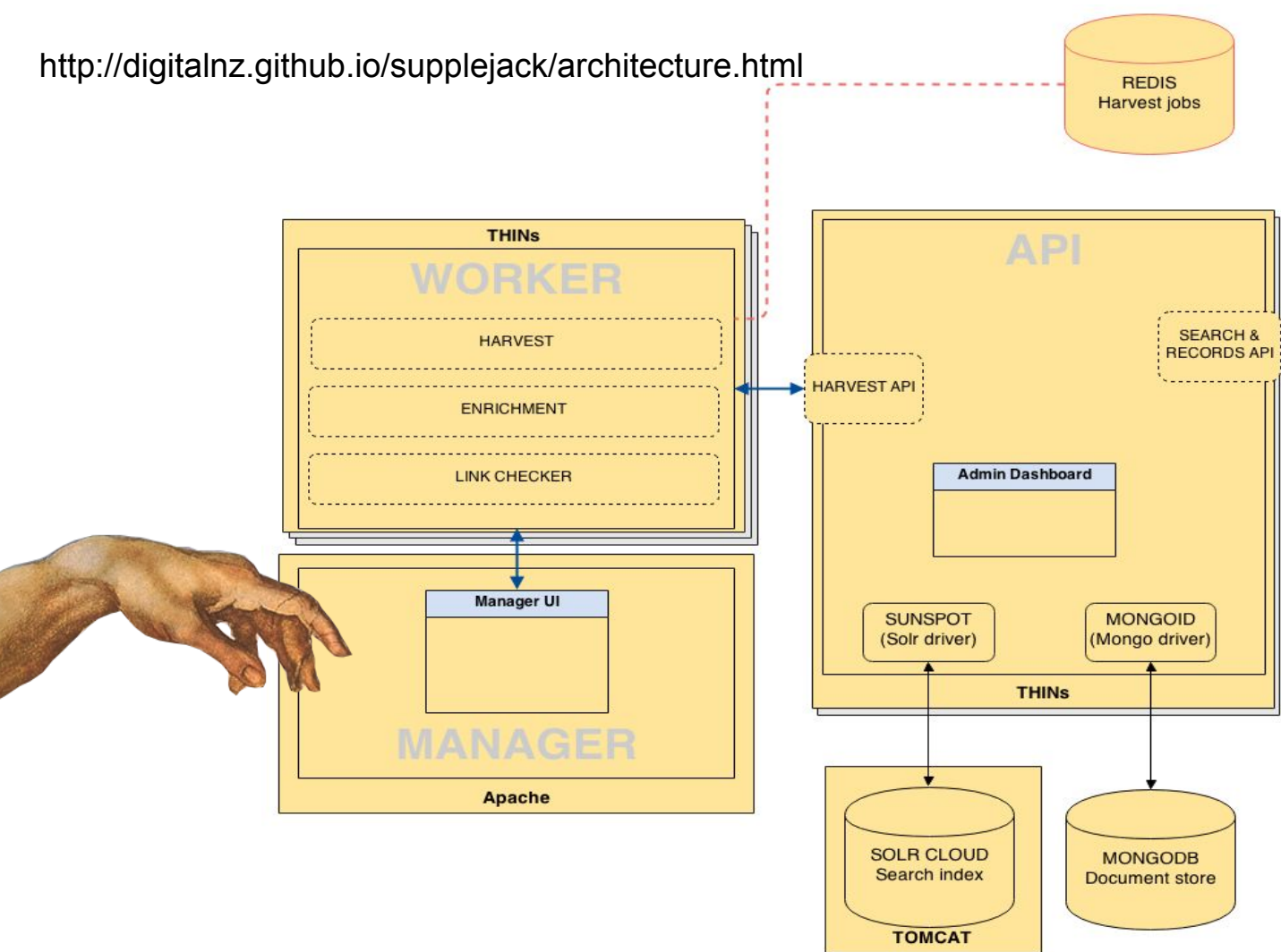
v

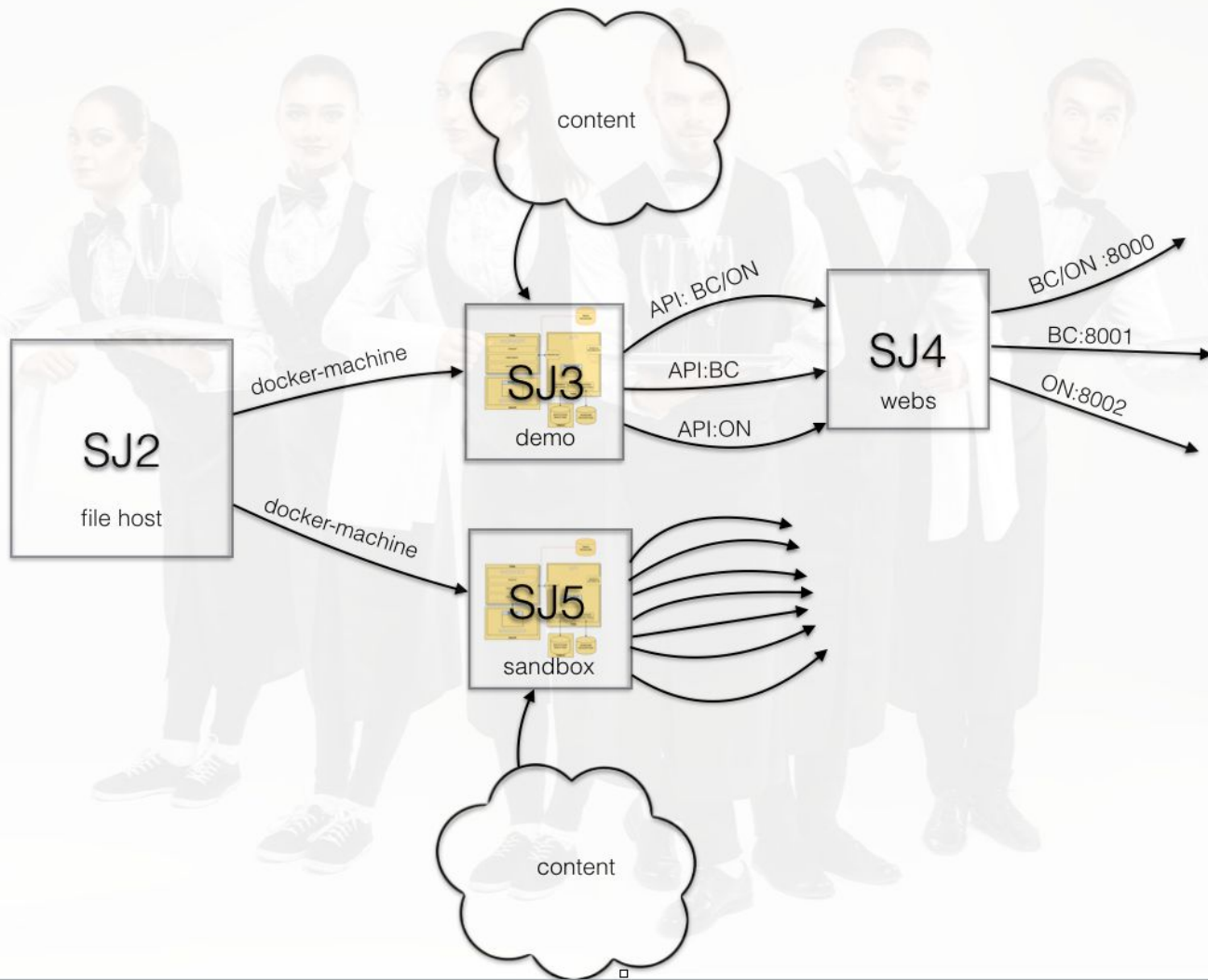
b

n

m

<http://digitalnz.github.io/suplejack/architecture.html>





You are already signed in.

Supplejack Dashboard

[New Data Source](#)[New Parser Script](#)

Get started by identifying data sources to bring in to Supplejack. Then extract data from the sources by creating and running parser scripts. Complete the process by scheduling and monitoring regular harvest jobs.

Staging Server Statistics

Harvest Jobs

Last 24 hours

0

currently active

0

finished

0

failed

Link Checking

Last 24 hours

n/a

reactivated

n/a

suppressed

n/a

deleted

Recently Edited Parsers

[View All Parser Scripts](#)

Parser Name	Data Format	Contributor	Last Edited	Last Editor	Parser Type
VIUCarefootParser	xml	VIU	6 days ago	Daniel Sifton	record
HamiltonLibraryArchives	xml	HamiltonLibandArch	8 days ago	Daniel Sifton	record
EADarcheion	xml	Archeion	13 days ago	Daniel Sifton	record
UNBCNorthArchives	xml	UNBCarch	4 months ago	Daniel Sifton	record
WestVanMemorialLibrary	xml	WPL	4 months ago	Daniel Sifton	record

Supplejack Dashboard

Get started by adding data sources to bring in to Supplejack. Then extract data from the sources by creating and running parser scripts. Automate the process by scheduling and monitoring regular harvest jobs.

[New Data Source](#)[New Parser Script](#)

Staging Server Statistics

Harvest Jobs

Last 24 hours

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Supplejack Dashboard

Get started by identifying data sources to connect to Supplejack. Then extract data from the sources by creating and running parser scripts. Complete the setup by configuring harvesting rules, scheduling and monitoring regular harvest jobs.

[New Data Source](#)[New Parser Script](#)

Staging Server Statistics

Harvest Jobs

Last 24 hours

0

currently active

0

finished

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WestVanMemorialLibrary	xml	WPL	4 months ago	Daniel Sifton	record

Parser Scripts

[New Parser Script](#)

Search:

Harvest Name	Data Format	Partner	Source ID	Last Updated	Last Edited By	Parser Type
VIUCarefootParser	xml	VIU	VIU	2018-01-18 21:39:07 +0000	Daniel Sifton	record
HamiltonLibraryArchives	xml	HamiltonLibandArch	HamiltonLibandArch	2018-01-17 05:34:28 +0000	Daniel Sifton	record
EADarcheion	xml	Archeion	Archeion	2018-01-11 19:46:17 +0000	Daniel Sifton	record
UNBCNorthArchives	xml	UNBCArch	UNBCArch	2017-10-06 21:53:56 +0000	Daniel Sifton	record
WestVanMemorialLibrary	xml	WPL	WPL	2017-10-06 21:53:39 +0000	Daniel Sifton	record
UBCOpenCollectionsParser	json	UBC	UBC	2017-10-06 21:53:17 +0000	Daniel Sifton	record
OurDigitalWorld	xml	ODW	ODW	2017-10-06 21:52:49 +0000	Daniel Sifton	record
ROMyoutube	json	ROM	ROM	2017-10-06 21:52:24 +0000	Daniel Sifton	record
VAGvimeo	xml	VAG	VAG	2017-10-06 21:51:59 +0000	Daniel Sifton	record
SquamishPublicLibraryParser	xml	SQPL	SQPL	2017-10-06 21:51:39 +0000	Daniel Sifton	record
RBCMyoutubeParser	json	RBCM	RBCM	2017-10-06 21:51:07 +0000	Daniel Sifton	record
SFULibrary_HV	xml	SFU	SFU	2017-10-06 20:56:10 +0000	Daniel Sifton	record
SFULibrary_VP	xml	SFU	SFU	2017-10-06 20:53:00 +0000	Daniel Sifton	record
SFULibrary_EC	xml	SFU	SFU	2017-10-06 20:48:09 +0000	Daniel Sifton	record
ArchivesNanaimoYouTube	json	Archives Nanaimo	Archives Nanaimo	2017-10-03 18:30:59 +0000	Daniel Sifton	record
WaterlooUniversityLibrary	oai	Waterloo University	Waterloo University	2017-10-03 18:10:57 +0000	Daniel Sifton	record
BrockUniversityLibrary	oai	Brock University	Brock University	2017-10-03 17:59:04 +0000	Daniel Sifton	record



WaterlooUniversityLibrary record

```

1 class WaterlooUniversityLibrary < SupplejackCommon::Oai::Base
2
3   base_url "https://uwspace.uwaterloo.ca/oai/request"
4
5   namespaces mets: "http://www.loc.gov/METS/",
6     dc: "http://purl.org/dc/elements/1.1/",
7     xlink: "http://www.w3.org/TR/xlink/",
8     dim: "http://www.dspace.org/xmlns/dspace/dim/"
9
10
11  attribute :jurisdiction, default: "Ontario"
12  #The jurisdiction field is identified in record_schema.rb., to allow us to filter results by region (and create API keys with roles
13  # to each jurisdiction. This allows us to create different front ends for different jurisdictions)
14
15  attribute :internal_identifier, xpath: '//record/header/identifier'
16  attribute :display_content_partner, default: 'University of Waterloo' #change to match new source
17
18  attribute :title, xpath: '//dc:title'
19  attribute :description, xpath: '//dc:description'
20  attribute :creator, xpath: '//dc:creator'
21  attribute :subject, xpath: '//dc:subject', mappings: {
22    'Harvested from' => ''
23  }
24
25
26  attribute :display_date do fetch('//dc:date').truncate(4, "").select(:last) #changed to match 4 digit standard
27  end
28
29  attribute :category, xpath: '//dc:type', mappings: {'Doctoral Thesis' => 'Dissertation/thesis'}
30
31  attribute :language, xpath: '//dc:language'
32  attribute :rights, xpath: '//dc:rights'
33  attribute :publisher, xpath: '//dc:publisher'
34
35  attribute :source_url, xpath: '//dc:identifier' do
36    get(:source_url).find_with('hdl.handle.net')
37  end
38
39  enrichment :get_thumbnail, priority: -4, required_for_active_record: false do
40
41    requires :uri do
42      primary[:source_url].mapping(/^.*handle\.net(.*)$/ => 'https://uwspace.uwaterloo.ca/metadata/handle\1/mets.xml').first
43    end
44
45    #for testing
46    #attribute :subject, default: "#{requirements[:uri]}"
47
48    url requirements[:uri]
49    format :xml
50
51  attribute :thumbnail_url, xpath: '//*[@USE="THUMBNAIL"]//*[@local-name()="href"]' do
52    compose('https://uwspace.uwaterloo.ca', get(:thumbnail_url))
53  end
54
55  end
56
57
58
59
60
61 end

```

Preview

Current version: BaseParser

Edit current version

History

BaseParser

04 Oct 07:10 by Daniel

S

Applied parser template.

04 Oct 07:09 by Daniel

Rename Parser

Change Data Source

Delete Parser Script

Disable Full & Flush harvest mode

Message

Update Parser Script

Previewing records

Status: Preview complete.

Source Data

Harvested Attributes

API Record

< previous - Preview Record - next >

```
1 {
2   "priority": 0,
3   "match_concepts": null,
4   "jurisdiction": [
5     "Ontario"
6   ],
7   "internal_identifier": [
8     "oai:uwspace.uwaterloo.ca:10012/662"
9   ],
10  "display_content_partner": [
11    "University of Waterloo"
12  ],
13  "title": [
14    "Intelligent modeling and manipulation of three dimensional objects in computer vision and animation"
15  ],
16  "description": [
17  ],
18  ],
19  "creator": [
20    "Rong, Li"
21  ],
22  "subject": [
23    "Collections Canada"
24  ],
25  "display_date": [
26    "1998"
27  ],
28  "category": [
29    "Dissertation/thesis"
30  ],
31  "language": [
32    "en"
33  ],
34  "rights": [
35    "Copyright: 1998, Rong, Li. All rights reserved."
36  ],
37  "publisher": [
38    "University of Waterloo"
39  ],
40  "source_url": [
41    "http://hdl.handle.net/10012/662"
42  ],
43  ],
44  ],
45  ],
46  ],
47  ],
48  ],
49  ],
50  ],
51  ],
52  ],
53  ],
54  ],
55  ],
56  ],
57  ],
58  ],
59  ],
60  ],
61  ],
end
```

Previewing records

Status: Preview complete.

Source Data

Harvested Attributes

API Record

< previous - Preview Record - next >

```
1 <?xml version="1.0"?>
2 <record>
3   <header>
4     <identifier>oai:uwspace.uwaterloo.ca:10012/662</identifier>
5     <datestamp>2017-03-21T18:53:10Z</datestamp>
6     <setSpec>com_10012_1</setSpec>
7     <setSpec>col_10012_9468</setSpec>
8   </header>
9   <metadata><oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:doc="http://www.lyncode.com/xoai" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_
10 <dc:title>Intelligent modeling and manipulation of three dimensional objects in computer vision and animation</dc:title>
11 <dc:creator>Rong, Li</dc:creator>
12 <dc:subject>Harvested from Collections Canada</dc:subject>
13 <dc:date>2006-07-28T18:58:16Z</dc:date>
14 <dc:date>2006-07-28T18:58:16Z</dc:date>
15 <dc:date>1998</dc:date>
16 <dc:date>1998</dc:date>
17 <dc:type>Doctoral Thesis</dc:type>
18 <dc:identifier>http://hdl.handle.net/10012/662</dc:identifier>
19 <dc:language>en</dc:language>
20 <dc:rights>Copyright: 1998, Rong, Li. All rights reserved.</dc:rights>
21 <dc:format>application/pdf</dc:format>
22 <dc:format>7997738 bytes</dc:format>
23 <dc:format>application/pdf</dc:format>
24 <dc:publisher>University of Waterloo</dc:publisher>
25 </oai_dc:dc>
26 </metadata>
27 </record>
```

Message

Update Parser Script

Previewing records

Status: Preview complete.

[Source Data](#)[Harvested Attributes](#)[API Record](#)[< previous - Preview Record - next >](#)

```
1 {
2   "record_type": 0,
3   "internal_identifier": "oai:uwspace.uwaterloo.ca:10012/662",
4   "status": "active",
5   "updated_at": "2018-01-24T20:20:09.858Z",
6   "created_at": "2017-10-03T18:09:52.560Z",
7   "fragments": [
8     {
9       "_id": "59d3d270fb0f08000100237d",
10      "priority": 0,
11      "_type": "SupplejackApi:ApiRecord:RecordFragment",
12      "source_id": "waterloo_university",
13      "jurisdiction": [
14        "Ontario"
15      ],
16      "display_content_partner": "University of Waterloo",
17      "title": "Intelligent modeling and manipulation of three dimensional objects in computer vision and animation",
18      "creator": [
19        "Rong, Li"
20      ],
21      "subject": [
22        "Collections Canada"
23      ],
24      "display_date": "1998",
25      "category": [
26        "Dissertation/thesis"
27      ],
28      "language": [
29        "en"
30      ],
31      "rights": "Copyright: 1998, Rong, Li. All rights reserved.",
32      "publisher": "University of Waterloo",
33      "source_url": "http://hdl.handle.net/10012/662",
34      "updated_at": "2018-01-24T20:20:09.138Z",
35      "created_at": "2017-10-03T18:09:52.560Z"
36    ],
37    {
38      "_id": "59d3d270fb0f08000100237f",
39      "priority": -4,
40      "_type": "SupplejackApi:ApiRecord:RecordFragment",
41      "source_id": "get_thumbnail",
42      "job_id": "5a68ea798d27b10001000191",
43      "updated_at": "2018-01-24T20:20:09.857Z",
44      "created_at": "2017-10-03T18:09:52.879Z",
45      "subject": null,
46      "thumbnail_url": "https://uwspace.uwaterloo.ca/bitstream/handle/10012/662/NQ60811.pdf.jpg?sequence=5&isAllowed=y"
47    }
48  ]
49 }
```

Message

Update

WaterlooUniversityLibrary record

```
1 class WaterlooUniversityLibrary <
2
3   base_url "https://uwspace.uwa
4
5   namespaces mets: "http://www.lds
6     dc: "http://purl.org/dc/terms/
7     xlink: "http://www.w3.org/1999/xlink
8     dim: "http://www.dspace.org/mets
9
10
11   attribute :jurisdiction, default: "Canada"
12   #The jurisdiction field is identical to the
13   # to each jurisdiction. This allows for
14
15   attribute :internal_identifier, default: ""
16   attribute :display_content_part, default: ""
17
18   attribute :title, xpath: '//dc:title'
19   attribute :description, xpath: '//dc:description'
20   attribute :creator, xpath: '//dc:creator'
21   attribute :subject, xpath: '//dc:subject'
22   'Harvested from' => ''
23
24
25
26   attribute :display_date do fetch('//dc:date').truncate(4, "").select(:last) #changed to match 4 digit standard
27   end
28
29   attribute :category, xpath: '//dc:type', mappings: {'Doctoral Thesis' => 'Dissertation/thesis'}
30
31   attribute :language, xpath: '//dc:language'
32   attribute :rights, xpath: '//dc:rights'
33   attribute :publisher, xpath: '//dc:publisher'
34
35   attribute :source_url, xpath: '//dc:identifier' do
36     get(:source_url).find_with('hdl.handle.net')
37   end
38
39   enrichment :get_thumbnail, priority: -4, required_for_active_record: false do
40
41     requires uri do
42       primary[:source_url].mapping(/^.*handle\.net(.*)$/ => 'https://uwspace.uwaterloo.ca/metadata/handle/1/mets.xml').first
43     end
44
45     #for testing
46     #attribute :subject, default: "#{requirements[:uri]}"
47
48     url requirements[:uri]
49     format :xml
50
51     attribute :thumbnail_url, xpath: '//*[@USE="THUMBNAIL"]/@*[local-name()="href"]' do
52       compose('https://uwspace.uwaterloo.ca', get(:thumbnail_url))
53     end
54
55   end
56
57
58
59
60
61 end
```

Run Staging Harvest BaseParser

Mode

- Normal
 Incremental
 Full And Flush

How many records do you wish to harvest?

Select the enrichment you would like to run

- Get Thumbnail

Start Harvest

Run Enrichment

Run Harvest

Preview

Current version: BaseParser

Edit current version

Staging as Staging

10 by Daniel

BaseParser template.
09 by Daniel

Rename Parser

Change Data Source

Delete Parser Script

Disable Full & Flush harvest mode

WaterlooUniversityLibrary record

```
1 class WaterlooUniversityLibrary <
2
3   base_url "https://uwspace.uwaterloo.ca/"
4
5   namespaces msts: "http://www.loc.gov/mets/"
6             dc: "http://purl.org/dc/terms/"
7             xlink: "http://www.w3.org/1999/xlink#"
8             dim: "http://www.dspace.org/mets/dim/"
9
10
11   attribute :jurisdiction, default: "Canada"
12   #The jurisdiction field is idempotent
13   #to each jurisdiction. This is
14   #used to identify records from
15   #different jurisdictions.
16   attribute :internal_identifier, default: ""
17   attribute :display_content_parts, default: true
18   attribute :title, xpath: '//dc:title'
19   attribute :description, xpath: '//dc:description'
20   attribute :creator, xpath: '//dc:creator'
21   attribute :subject, xpath: '//dc:subject'
22   'Harvested from' => ''
23
24 }
25
26 attribute :display_date do fetch
27   end
28
29 attribute :category, xpath: '//dc:subject'
30
31 attribute :language, xpath: '//dc:language'
32 attribute :rights, xpath: '//dc:rights'
33 attribute :publisher, xpath: '//dc:publisher'
34
35 attribute :source_url, xpath: '//dc:source_url'
36 get(:source_url).find_with('http://')
37 end
38
39 enrichment :get_thumbnail, priority: 10 do
40
41   requires :uri do
42     primary[:source_url].mapping(:uri)
43   end
44
45   #for testing
46   #attribute :subject, default: "#{requirements[:uri]}"
47
48   url requirements[:uri]
49   format :xml
50
51   attribute :thumbnail_url, xpath: '//*[@USE="THUMBNAIL"]//@*[local-name()="href"]' do
52     compose('https://uwspace.uwaterloo.ca/', get(:thumbnail_url))
53   end
54
55 end
56
57
58
59
60
61 end
```

Harvest progress

Operator	Daniel Sifton
Environment	staging
Mode	Normal
First Run at	January 24, 2018 21:54:46
End Time	January 24, 2018 21:55:48
Duration	1 min 2 secs
Records/sec	8.06
Records harvested	500
Records posted to API	500

Validation errors

There are no validation errors!

Other errors

There are no other errors.

Run Enrichment

Run Harvest

Preview

Current version: BaseParser

Edit current version

Add as Staging

Parser

Created by Daniel

Parser template.

Created by Daniel

Rename Parser

Change Data Source

Delete Parser Script

Disable Full & Flush harvest mode

```
"record_id": 3199,
"title": "Salmon Are Sacred - Fraser River Paddle - Chief Marilyn Baptiste",
"description": "The migration officially launched at a \"Hope for Wild Salmon\" event on 19th October in Hope with other events en route: Chilliwack (20th),
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/CtmnFjf_Yjw/mqdefault.jpg",
"locations": {}
},
{
"record_id": 3200,
"title": "UBCIC AGA 2009 Grand Chief Rose Charlie - The Birth of the UBCIC",
"description": "September 16, 2009. Grand Chief Rose Charlie speaking about the birth of the Union of BC Indian Chiefs in 1969.",
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/SS5lpSedQ1c/mqdefault.jpg",
"locations": {}
},
{
"record_id": 3201,
"title": "Georgina Papin Memorial - Women's Warrior Song",
"description": "Missing Women: \"Bringing Our Sisters Home\" Vigil for Georgina Papin, CRAB Park Downtown East Side - September 21, 2010.",
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/1lJRg_i070I/mqdefault.jpg",
"locations": {}
},
{
"record_id": 3202,
"title": "Musqueam People are raising all their standards with the new 100% recycled paper page size (May 3, 2012)",
"description": "Musqueam Vancouver, Canada (May 3, 2012) The Musqueam People are raising and finishing the revitalization of the street to a Musqueam and
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/0pi6N.../mqdefault.jpg",
"locations": {}
},
{
"record_id": 3203,
"title": "UBCIC AGA 2009 Chief Don Moses - First Chiefs Conference in 1969",
"description": "September 18, 2010 Chief Don Moses speaking about the first Chiefs conference when the Union of BC Indian Chiefs was formed in 1969.",
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/dyNG0pASKJU/mqdefault.jpg",
"locations": {}
},
{
"record_id": 3204,
"title": "UBCIC 44th AGA. Grand Chief Stewart Phillip - Summary of Recent Events Impacting First Nations",
"description": "Grand Chief Stewart Phillip, President of the UBCIC, speaking to the UBCIC's 44th AGA.",
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/DcsZF0xYQyg/mqdefault.jpg",
"locations": {}
},
{
"record_id": 3205,
"title": "UBCIC 44th AGA. Jody Woods - Specific Claims and Justice At Last Initiative",
"description": "UBCIC Research Director Jody Woods updating UBCIC's 44th AGA on specific claims policy and referring to the Justice At Last initiative.",
"creator": {},
"thumbnail_url": "https://i.ytimg.com/vi/dFclB92YHQ/mqdefault.jpg",
"locations": {}
}
```

Huzzah!

HamiltonLibraryArchives record

```

1 class HamiltonLibraryArchives < SupplejackCommon::Xml::Base
2
3
4   base_url "http://eln-sj4.is.sfu.ca/data/HPLA.xml"
5   record_selector "//photo"
6
7   attribute :category, default: 'image'
8
9   attribute :jurisdiction, default: 'Ontario'
10
11
12
13   attribute :rights, default: "No known copyright restrictions"
14
15   attribute :language, default: "en"
16
17   attribute :display_content_partner, default: 'Hamilton Public Library & Archives'
18
19
20   attribute :title, xpath: "@title"
21
22   attribute :publisher, xpath: "@ownername"
23
24   attribute :description, xpath: "description", truncate: 107
25
26
27   attribute :photo_id, xpath: "@id"
28
29   attribute :landing_url do
30     compose("https://www.flickr.com/photos/hpllocalhistory/", get(:photo_id))
31   end
32
33   attribute :internal_identifier do
34     get(:landing_url).downcase
35   end
36
37
38
39
40
41   attribute :pre_subject do
42     get(:subject)
43   end
44   end
45
46
47   attribute :subject_url, xpath: "@url_m"
48
49
50
51   include_snippet "HPLAdescriptionMapper" #It's too big to include here!
52
53   attribute :subject do
54     get(:pre_subject).split(",")
55   end
56   end
57
58
59
60
61 end

```

Message

[Update Parser Script](#)
[Preview](#)

Current version: language2

[Edit current version](#)

History

language2	17 Jan 18:34 by Daniel	S
language	17 Jan 18:33 by Daniel	S
Publisher/Rights	17 Jan 18:04 by Daniel	S
splitter	14 Jan 17:57 by Daniel	S
source	14 Jan 16:55 by Daniel	S
trunc	14 Jan 16:40 by Daniel	S
contributor	14 Jan 14:15 by Daniel	S
added jurisdiction	14 Jan 14:13 by Daniel	S
SubjectMappings	14 Jan 14:12 by Daniel	S
Expanded parser	13 Jan 12:36 by Daniel	
Base Parser	13 Jan 10:59 by Daniel	
Applied parser template.	13 Jan 10:35 by Daniel	

[Rename Parser](#)
[Change Data Source](#)
[Delete Parser Script](#)
[Disable Full & Flush harvest mode](#)

HPLAdescriptionMapper

```

1 attribute :pre_subject, xpath: "//@tags", mappings:{
2
3   "architecture hamilton" => "Architecture",
4   "canada canadian timhortons hamilton hamont ottawastreet donuts" => "Donuts",
5   "dundas hamilton" => "Dundas",
6   "dundurncastle hamilton" => "Dundurn Castle",
7   "factories stelco hamilton industry" => "Factories, Stelco, Industry",
8   "farmersmarketsontariohamilton hamiltonfarmersmarket markets" => "Farmers Markets",
9   "farmersmarketsontariohamilton hamiltonfarmersmarket" => "Farmers Markets",
10  "farmersmarketsontariohamilton" => "Farmers Markets",
11  "hamilton alley 1960s" => "Historic Hamilton, Hamilton Alley",
12  "hamilton alley" => "Hamilton Alley",
13  "hamilton architecture gorepark kresges" => "Architecture, Gore Park, Kresges",
14  "hamilton architecture" => "Architecture",
15  "hamilton bartonville" => "Bartonville",
16  "hamilton centennial celebration" => "Centennial Celebration",
17  "hamilton christmas" => "Christmas",
18  "hamilton cityscape" => "Cityscapes",
19  "hamilton cityscapes urban" => "Cityscapes",
20  "hamilton departmentstores" => "Department Stores",
21  "hamilton dundurncastle hamont" => "Dundurn Castle",
22  "hamilton dundurncastle" => "Dundurn Castle",
23  "hamilton farmersmarket market" => "Farmers Markets",
24  "hamilton farmersmarket markets" => "Farmers Markets",
25  "Farmers Markets farmersmarket outdoormarket markets" => "Farmers Markets",
26  "hamilton football" => "Football",
27  "hamilton gorepark" => "Gore Park",
28  "hamilton hamiltonpubliclibrary libraries" => "Libraries",
29  "hamilton hamont asylum centurymenor" => "Asylums",
30  "hamilton hamont cat kitten" => "Cats",
31  "hamilton hamont dundurn" => "Dundurn",
32  "hamilton hamont dundurncastle" => "Dundurn Castle",
33  "hamilton hamont gorepark fountain" => "Gore Park, Fountains",
34  "hamilton hamont niagaraescarpment" => "Niagara Escarpment",
35  "hamilton hospital architecture" => "Hospitals",
36  "hamilton lakeontario dundurncastle hamont" => "Dundurn Castle",
37  "hamilton library librariesstyle" => "Libraries",
38  "hamilton library libraries hamont" => "Libraries",
39  "hamilton military beard moustache november" => "Moustaches, Beards, November",
40  "hamilton moustache beard november" => "Moustaches, Beards, November",
41  "hamilton railway" => "Railways",
42  "hamilton victoryneuropeday worldwar2 veday celebration" => "World War II",
43  "hamiltonfarmersmarket hamilton farmers market" => "Farmers Markets",
44  "hamiltonfarmersmarket hamilton hamont farmersmarket markets" => "Farmers Markets",
45  "hamiltonfarmersmarket hamilton" => "Farmers Markets",
46  "hamiltonfarmersmarket market hamilton hamont" => "Farmers Markets",
47  "hamiltonfarmersmarket markets" => "Farmers Markets",
48  "hamont hamilton hamiltonmusic music musicians bands" => "Musicians",
49  "hamont hamilton loveyourcityshareyourstories hamiltonpubliclibrary" => "Libraries",
50  "hamont hamilton parks downtown gorepark" => "Parks, Gore Park",
51  "jamesstreetsouth tracks railway" => "Railways",
52  "kitten" => "Cats",
53  "lake erie" => "Lake Erie",
54  "market farmersmarket hamilton" => "Farmers Markets",
55  "market farmersmarket hamiltonfarmersmarket hamilton" => "Farmers Markets",
56  "militaryfacilitiescanadaontariohamilton armoriescanadaontariohamilton" => "Military Facilities",
57  "militarystandardscanada standardsidentifyingartifacts canadaontariohamilton" => "Military Standards",
58  "monumentsemorialscanada1901920 canadahistorywarof1812battlefields" => "Memorials",
59  "moustache military hamilton november" => "Moustaches, Beards, November",
60  "november historicalhamilton hamilton moustaches" => "Moustaches, Beards, November",
61  "railway hamilton incline" => "Railways",
62  "railway hamilton" => "Railways",
63  "roads transportation hamilton cars" => "Roads",
64  "soldierscanadian19001910 canadaontariohamilton militarybandscanada19001910" => "Military, Musicians",
65  "soldierscanadian19001910 militaryparadesceremoniesontariohamilton historicitiesontariohamilton" => "Military, Parades",
66  "soldierscanadian19001910 militaryparadesceremoniesontariohamilton" => "Military, Parades",
67  "soldierscanadian19101920 canadaontariohamilton bagpipes19001910" => "Military, Bagpipes",
68  "soldierscanadian19101920 canadaontariohamiltonawards19101920" => "Military",
69  "soldierscanadian19101920 militaryparadesceremoniesontariohamilton militarybandscanada19101920" => "Military, Musicians, Parades",
70  "soldierscanadian19101920 railroadstationsontariohamilton worldwar19141918militarypersonnel" => "Military, Railroads",
71  "soldierscanadian19101920 militaryparadesceremoniesontariohamilton" => "Military, Parades",
72  "urban" => "Urban"

```

History (Edit current version)

History

commas again	17 Jan 20:17 by Daniel	S
two bits	17 Jan 20:16 by Daniel	S
park	17 Jan 20:09 by Daniel	S
commas	17 Jan 19:55 by Daniel	S
charm	17 Jan 19:53 by Daniel	S
more2	17 Jan 19:42 by Daniel	S
more	17 Jan 19:32 by Daniel	S
added subs	17 Jan 19:16 by Daniel	S
eoc	17 Jan 17:50 by Daniel	S
tags 2 set	17 Jan 17:48 by Daniel	S
parade adds	14 Jan 18:55 by Daniel	S
pre_subAgain	14 Jan 17:56 by Daniel	S
no pre	14 Jan 16:55 by Daniel	S
pre_subject	14 Jan 14:07 by Daniel	
comma	14 Jan 14:02 by Daniel	S
straight map	14 Jan 14:01 by Daniel	S
Click to show all versions...		
Rename Code Snippet		
Delete Code Snippet		

enrichment
(external source)

IR Parser
OAI/xml

enrichment
(external source)

AtoM
OAI/xml

enrichment
(external source)

youtube/vimeo
json/rss

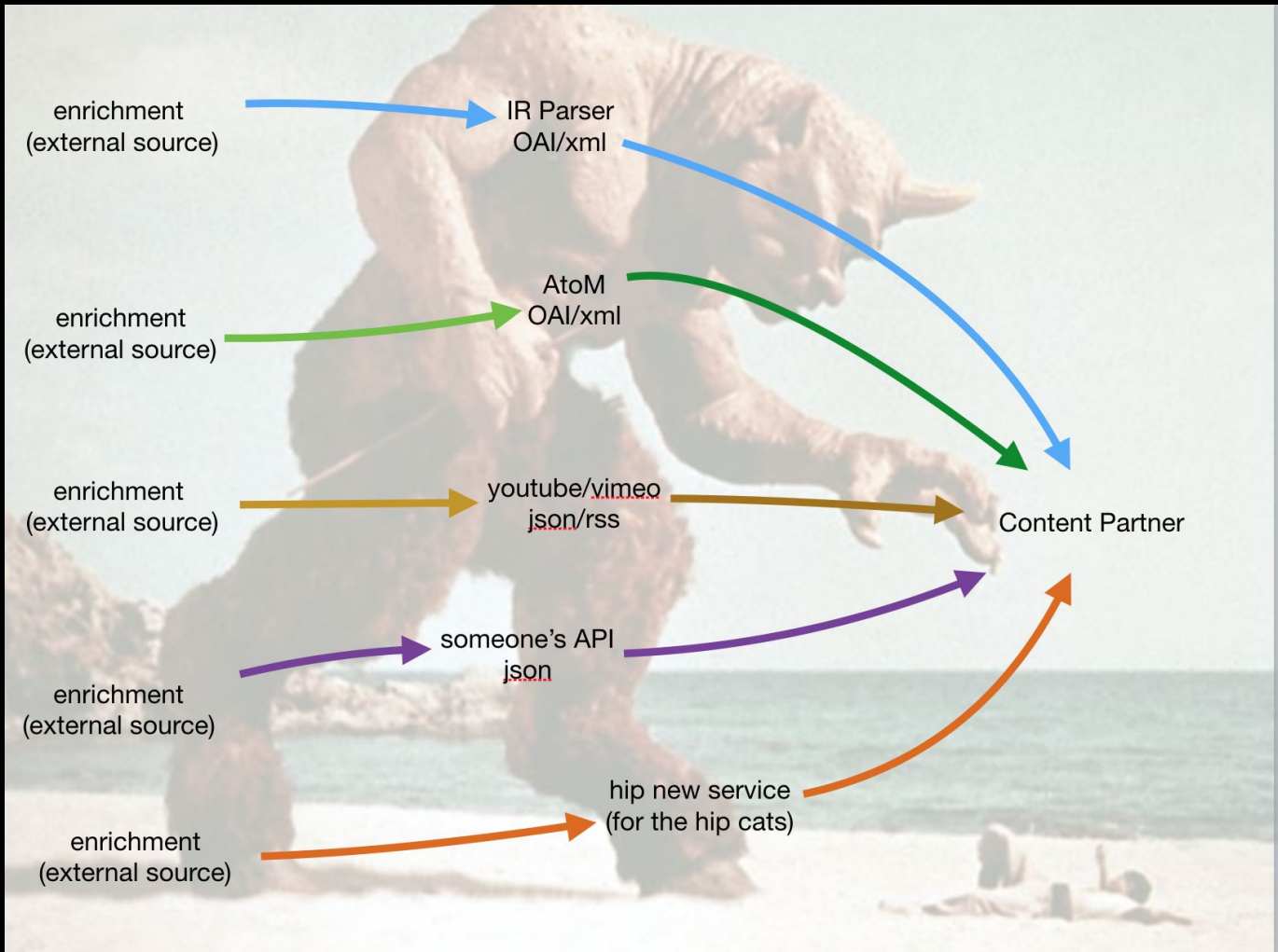
enrichment
(external source)

someone's API
json

enrichment
(external source)

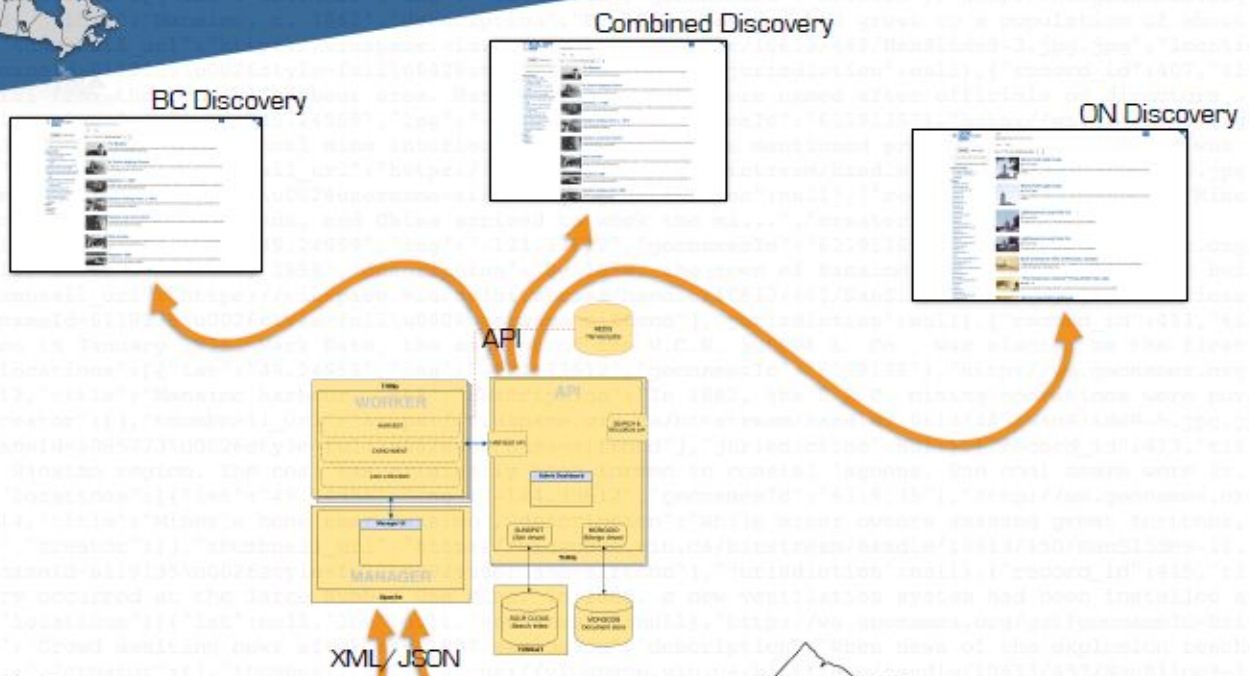
hip new service
(for the hip cats)

Content Partner



Towards a Cross-Canadian Digital Library Platform

Matt Barry | Daniel Sifton



Supplejack

Headless metadata harvester/aggregator

Manager interface with GUI harvests JSON/XML/HTML from url or file

Robust parser DSL (mapping scripts) allow for data manipulation

parser versioning

Parser enriches incorporate metadata for additional external sources: HTML source, LD API

Realtime harvest previews

Highly configurable metadata schema

JSON API output for ingestion by preferred frontend client



The Discovery Layer

Example Search Interfaces:

Ontario Content - <http://eln-sj4.is.sfu.ca:8002/search>

BC Content - <http://eln-sj4.is.sfu.ca:8001/search>

Both of them! - <http://eln-sj4.is.sfu.ca:8000/search>

Content Partner

Our Digital World: 292
Archeion: 63
Royal Ontario Museum: 40
Brock University: 20
Hamilton Public Library & Archives: 9
University of Waterloo: 8
[less](#) ▲

Subject

[more](#) ▼

Category

[more](#) ▼

Language

[more](#) ▼

Text

Map

Page 1 of 432 results. Results per page ▼



A shivering sweep

This picture shows intermural broomball program at the University of Guelph gameplay.



Cheer Banner

Year of the Sheep, Goat or Ram?

More on this connundrum here: <https://www.rom.on.ca/en/blog/year-of-the-sheep-goat-or-ram#overlay-context=en/user>.



Shell Christening

Members of the Brock University Rowing Club and their new \$3000 shell, named Cete, meaning a group of Badgers. Tony Biernacki is pictured here pouring pond water onto the shell in a mock christening.

Content Partner

Northern British Columbia Archives: 35
West Vancouver Memorial Library: 22
Vancouver Island University: 16
University of British Columbia: 15
Royal British Columbia Museum: 13
Simon Fraser University: 12
Trinity Western University: 8
University of Victoria: 8
Squamish Public Library: 3
Archives Nanaimo: 1
less ▲

Subject

more ▼

Category

more ▼

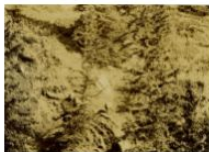
Language

more ▼

Text

Map

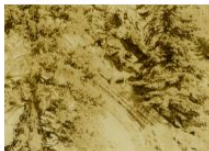
Page 1 of 133 results. Results per page



A big horn sheep on a rocky mountain slope

By: Gray, Prentiss

Location identified as upper Torrens basin.



A big horn sheep standing on a rocky mountain slope

By: Gray, Prentiss

Location identified as upper Torrens basin.



A big horn sheep walking along a lake shore

By: Gray, Prentiss

Location identified as upper Torrens basin.



Shell Service Station

By: McPhee, William



- Content Partner**
- Our Digital World: 292
 - Archeion: 63
 - Royal Ontario Museum: 40
 - Northern British Columbia Archives: 35
 - West Vancouver Memorial Library: 22
 - Brock University: 20
 - Vancouver Island University: 16
 - University of British Columbia: 15
 - Royal British Columbia Museum: 13
 - Simon Fraser University: 12
 - Hamilton Public Library & Archives: 9
 - Trinity Western University: 8
 - University of Victoria: 8
 - University of Waterloo: 8
 - Squamish Public Library: 3
 - Archives Nanaimo: 1
- less ▲
- Subject**
more ▼
- Category**
more ▼
- Language**
more ▼

Text

Map

Page 1 of 565 results. Results per page 20 ▼



A shivering sweep

This picture shows intermural broomball program at the University of Guelph gameplay.



Cheer Banner



Year of the Sheep, Goat or Ram?

More on this connundrum here: <https://www.rom.on.ca/en/blog/year-of-the-sheep-goat-or-ram#overlay-context=en/user>.



Shell Christening

Members of the Brock University Rowing Club and their new \$3000 shell, named Cete, meaning a group of Badgers. Tony Biernacki is pictured here pouring pond water onto the shell in a mock christening.

- Content Partner**
Northern British Columbia Archives: 4
Royal British Columbia Museum: 1
less ▲
- Subject**
more ▼
- Category**
more ▼
- Language**
more ▼

Text Map

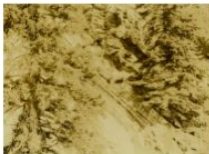
Page 1 of 5 results. Results per page 20 ▼



A big horn sheep on a rocky mountain slope

By: Gray, Prentiss

Location identified as upper Torrens basin.



A big horn sheep standing on a rocky mountain slope

By: Gray, Prentiss

Location identified as upper Torrens basin.



A big horn sheep walking along a lake shore

By: Gray, Prentiss

Location identified as upper Torrens basin.



Webster! Full Episode September 25, 1979

Copyright: BC Archives. Credit: Jack Webster and BCTV Brian Coxford on location on Salt Spring Island. Topics: sheep farmers.



http://search.nbca.unbc.ca/uploads/r/northern-bc-archives-special-collections/3/3/33807/NBCA_2000_19_3_219.jpg

Content Partner
Our Digital World (remove)
less ▲

- Subject**
- Steamboats: 190
 - Piers & wharves: 32
 - Passengers: 18
 - Niagara Navigation Company: 17
 - Thousand Islands: 14
 - Rapids: 13
 - Shipwrecks: 12
 - Ferries: 11
 - Canals: 10
 - Grain elevators: 9
 - Cayuga (steamboat): 8
 - Chairs: 8
 - Lighthouses: 8
 - Kingston (steamboat): 7
 - Toronto (steamboat): 7
 - Chicora (steamboat): 6
 - Chippewa (steamboat): 6
 - Locks (Canals): 6
 - Quebec (steamboat): 6
 - Rivers: 6
 - Schooners: 6
 - Tugboats: 6
 - Whalebacks: 6
 - Algerian (steamboat): 5
 - Corona (steamboat): 5
 - Iron industry: 5

Text **Map**

Page 1 of 379 results. Results per page



Largest passenger steamer in Canada, "Hamonic" built at Collingwood, Ont.

Coloured postcard of the launch of the Northern Navigation Company steamboat HAMONIC, launched 26 Nov. 1908 at Collingwood Shipyards Limited in Collingwood, Ontario. T...



Steamer "Keewatin," leaving the Pier Lock, Sault Ste. Marie, Michigan.

The steamboat KEEWATIN leaving the American lock at Sault Sainte Marie.



The steam launch ALFIE

The little steam launch ALFIE in the Canal Basin at Dundas.



The third (steam) ferry

By: Thomson, W. J.

A sketch of the ferry VICTORIA, running across Toronto harbour to the islands.

Content Partner
Our Digital World (remove)
less ▲

Subject
Grain elevators (remove)
Steamboats: 6
Piers & wharves: 4
103 (steamboat): 1
Crews: 1
Eastland (steamboat): 1
Grain industry: 1
Hamonic (steamboat): 1
Hero (steamboat): 1
Huronic (Steamboat): 1
Launches: 1
Launchings: 1
Lifeboats: 1
Prescott (Steamboat): 1
Railroad stations: 1
Rivers: 1
Sailors: 1
Schooners: 1
Shipbuilding: 1
Shipyards: 1
Water towers: 1
Whalebacks: 1
William A. Paine (Propeller): 1
less ▲

Category
more ▼

Text **Map**

Page 1 of 9 results. Results per page ▼



Largest passenger steamer in Canada, "Hamonic" built at Collingwood, Ont.

Coloured postcard of the launch of the Northern Navigation Company steamboat HAMONIC, launched 26 Nov. 1908 at Collingwood Shipyards Limited in Collingwood, Ontario. T...



The steam launch HERO berthed at the foot of Simcoe Street.

The steam launch HERO berthed at the foot of Simcoe Street. In the background is seen the Great Western Railway passenger wharf and beyond that, the freight shed and th...



Loading a Grain Steamer

Loading a steambot with grain from one of Milwaukee's grain elevators



Grain Elevator (Steamer Discharging), Montreal

Coloured postcard of a steambot belonging to the Montreal and Lake Superior Line discharging at the Harbour Commissioners No. 1 Grain Elevator in Montreal harbour

Content Partner
Our Digital World (remove)
less ▲

Subject
Grain elevators (remove)
Steamboats: 3
Piers & wharves: 2
Crews: 1
Grain industry: 1
Hamonic (steamboat): 1
Huronic (Steamboat): 1
Launchings: 1
Prescott (Steamboat): 1
Shipbuilding: 1
Shipyards: 1
Water towers: 1
William A. Paine (Propeller): 1
less ▲

Category
more ▼

Language
more ▼

Text Map

Displaying 5 results.

The map shows the Great Lakes region with labels for Ontario, Wisconsin, and Vermont. A green circle highlights a location on the western shore of Lake Superior. A pop-up window is centered over the map, displaying a colored postcard of a steamboat launch. The text in the pop-up reads: "Largest passenger steamer in Canada, 'Hamonic' built at Collingwood, Ont. Coloured postcard of the launch of the Northern Navigation Company steamer HAMONIC, launched 26 Nov. 1908 at Collingwood Shipyards Limited in Collingwood, Ontario. T...". The map also shows several blue location pins and labels for cities like Sault Ste. Marie, Wausau, Green Bay, Ottawa, Montreal, Trois-Rivières, Quebec, and Augusta.



- Content Partner
Archives Nanaimo (remove)
less ▲
- Subject
more ▼
- Category
more ▼
- Language
more ▼

Text Map

Page 1 of 38 results. Results per page 20 ▼



Nanaimo Aerial Footage, ca. 1970

Nanaimo photographer Leslie Englefield shot this film around 1970. In 1993, Englefield's large collection of photographs and films was donated to the Nanaimo ...



The Ravine / Terminal Avenue

PLEASE NOTE: ALL SLIDESHOWS, SINGLE IMAGES & VIDEOS ON THIS CHANNEL ARE COPYRIGHTED. PLEASE CONTACT US FOR PERMISSION TO ...



Nanaimo Chinatown Fire Images

This slideshow was created from the Dick and June Leahy fonds which consists of images of the 1960 fire that razed most of Chinatown. The Leahys were on ...



Bowen Park, Nanaimo, ca 1969

Nanaimo photographer Leslie Englefield shot this film around 1970. In 1993, Englefield's large collection of photographs and films was donated to the Nanaimo ...



Nanaimo Aerial Footage, ca. 1970

[View original source](#) contributed by: [Archives Nanaimo](#)

Category:

[Video](#)

Creator:

(Unknown)

Description:

Nanaimo photographer Leslie Englefield shot this film around 1970. In 1993, Englefield's large collection of photographs and films was donated to the Nanaimo ...

Date:

2012

Language:

(Unknown)

Subject:

[Nanaimo](#), [film](#), [history](#), [heritage](#)

Publisher:

[YouTube](#)

Share





Nanaimo Aerial Footage, ca. 1970

4,787 views

29 2 SHARE + ...

ArchivesNanaimo
Published on Jun 22, 2012

SUBSCRIBE 126

https://www.youtube.com/watch?v=Jkxp_hQXDPU

Content Partner
Hamilton Public Library & Archives
(remove)

less ▲

Subject
Cats (remove)

less ▲

Category
more ▼

Language
more ▼

Text

Map

Page 1 of 2 results. Results per page



32022191102413

1920s? Undated postcard William Chatfield collection



Feeding Tom

32022206624583 City of Hamilton Album. 1900-1901.

<< 1 >>



32022191102413

View original source contributed by: [Hamilton Public Library & Archives](#)

Category:

[image](#)

Creator:

(Unknown)

Description:

1920s? Undated postcard William Chatfield collection

Date:

Language:

[en](#)

Subject:

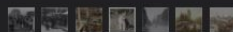
[Cats](#)

Publisher:

Local History & Archives, Hamilton Public Library

Share



[Back to photostream](#)

Local History & Archives ...

[+ Follow](#)918
views2
faves0
comments

Uploaded on March 17, 2017

<https://www.flickr.com/photos/hpllocalhistory/33113969980/><https://www.flickr.com/photos/hpllocalhistory/33113969980>

What makes this special?

```
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28          "J. G. Parks"
29        ],
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39        ]
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Potential Possibilities

- Adding new sources of data to a single, openly accessible central search engine
- Creating a new discovery layer on your institution's website that can search...
 - All of the content
 - Only the content you've provided
 - Anything else you want
- The benefits of collaboration, without losing customizability!

(And it's pretty easy to do!)

You can be a part of this!

- We want to add content from other institutions or provinces
- We want to create new ways of delivering this data
- We want to work with you to make this into the tool you need

Please contact us!

Awesome!

but...

it's not JUST about the tech...

Seven things.

Before breakfast?



Impossible!

Funding



https://commons.wikimedia.org/wiki/File:Loxodonta_africana_-_drinking.jpg#/media/File:Loxodonta_africana_-_drinking.jpg

Is it worth paying for?

Community



By © Hans Hillewaert /, CC BY-SA 3.0,
<https://commons.wikimedia.org/w/index.php?curid=2530540>



lorraine 🧑
@lchu3n



Has anyone else been reflecting on the tensions between trying to scale programs and building sustainable, meaningful, trusting communities? I feel like so much of scaling depends on transient "in+out" one-off experiences, a focus on numbers, and an overall dehumanizing approach?



amy buckland
@jambina



Replying to [@lchu3n](#)

all the time! also how can we make sure everything we offer is accessible/available to our entire community? and how do i measure our impact in a meaningful way, so that i can get resources to do more/better? and what do i even mean by community?

2018-01-26, 6:27 PM

Radical
collaboration
means
trusting our
communities
to tell their
own stories,
their own way



279/365 -- What's your story?

i like to know people. i like to know their quirks, their likes, their dislikes, a bit of back history...essentially, their stories. in fairness, however, i suppose it would only be appropriate to share *my* story. so, here we go...

Carry Over from the Glam Summit Taking it to the Next Level

Copyright

Rights Statements

Traditional Knowledge

Decolonizing GLAMS

Measuring Impact

GLAM Collaboration



Pushing the Envelope -

- Business analysis
- Sustainability
- Money
- Leveraging each other's expertise
- Usage rights
- Diversity and Inclusivity
- First Nations
- NHDS, Ottawa Declaration



OurDigitalWorld

@ODWorg



Let's not characterize
collaboration as "spontaneous"
- that obscures the very real
needs and capacity shortages
often motivating these
partnerships. [#GLAM2018](#)

2018-01-30, 10:31 AM

Outcomes

Let's discuss...

This is an opportunity for us and

other players

to work collaboratively as a community
and as a vision of an open, transparent,
grassroots model.

Github sites:

- <https://github.com/OurDigitalWorld/supplejack-ember/wiki>
- <https://github.com/OurDigitalWorld/supplejack-ember>
- <https://github.com/DigitalNZ>

Prototypes:

- <http://eln-sj4.is.sfu.ca:8000> -
ODW/BCDL
- <http://eln-sj4.is.sfu.ca:8001> -
BCDL
- <http://eln-sj4.is.sfu.ca:8002> -
ODW

BC Digital Library: <http://bcdigilib.ca>

ODW: <https://ourdigitalworld.net>

NHDS site: <https://nhds.ca/>

Matt Barry:

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Caroline Daniels:

Caroline.Daniels@kpu.ca

Loren Fantin:

lfantin@ourdigitalworld.org

Daniel Sifton:

Daniel.Sifton@viu.ca

Thank you! Happy to talk, we are looking for more people to work with and share ideas with.

Matt Barry: mbarry23@uwo.ca

Caroline Daniels: Caroline.Daniels@kpu.ca

Loren Fantin: lfantin@ourdigitalworld.org

Daniel Sifton: Daniel.Sifton@viu.ca