



The Lib-Hub Experience

OLA – January 28, 2016

Aida Rudnik – Manager, Technical Services

Christopher Carr – Cataloguing Librarian

FREEDOM TO DISCOVER
HPL.CA





















our data are not in Google

Why?

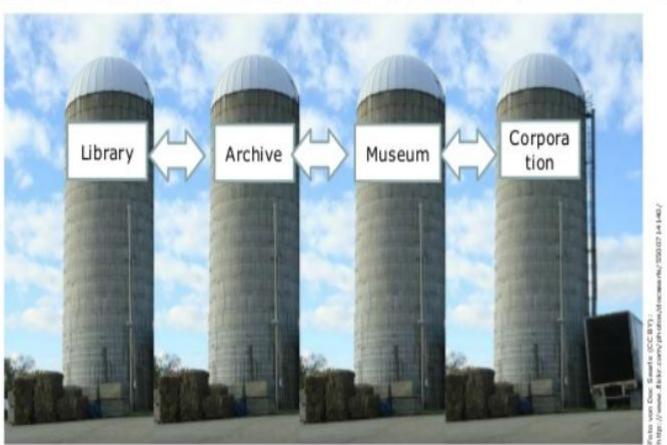
Google does not understand:

Marc, ISBD, OAI-PMH, RDA, Z39.50, Onix

insert you favorite standard here!



We need a format that allows for easier data reuse - inside and outside of libraries







There won't be any Semantic Web that any mortal can understand until librarians help build it!

Uche Ogbuji on Twitter, 2013-01-27



The Visible Library

Starts with Agreement and Purpose

"Everyone benefits from the visibility of libraries and their content on the Web."



http://libhub.org



Exposing Library Data to the Web: Early Adopter Pilot Program

The Future for Libraries!



Early Adopter Program

- Practical Practitioner Linked Data & BIBFRAME Essentials for up to 12 participants
- Readiness Assessment analysis of existing data loading of up to 100,000 MARC records into Libhub
- Local pilot project with up to 500,000 MARC records
- Sponsored retreat to Libhub Summit in Denver, CO
- Alumni Community access to a large network of resources and fellow participants; regular discussions and monthly meetings with the Zepheira Team



Zepheira Focused on 3 Key Areas

1. Awareness and Education

- What is Linked Data and BIBFRAME?
- How will it effect my job, the library, and our users?

2. Readiness Assessment

- Who/what's involved staff, providers, content, systems?
- MARC analysis and sample conversion to BIBFRAME

3. Implementation and Exploration

- Data migration and transformation
- Publishing to the web via Libhub
- Linking back to Discovery Layer or PAC

http://zepheira.com/solutions/library/



2015....On the road to LibHub

February

Kickoff meeting & self-paced training begins

April

Readiness Assessment process

May

Sample set of records sent to Zepheira

June

 Sample records converted to Bibframe linked data format and returned to HPL for review



2015....On the road to LibHub

June

Change management meeting

July

Readiness Assessment Report

August

Complete database sent to Zepheira for Bibframe transformation





September/October

•HPL Team reviews the converted data – feedback to Zepheira & updated database submissions

November

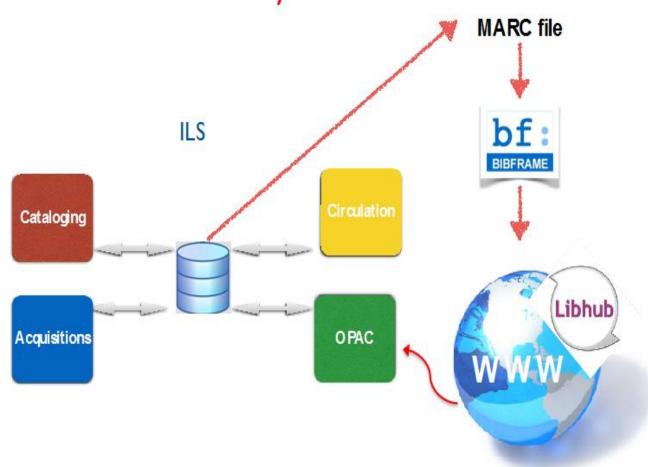
— HPL data is published!

2016 January -

- Media announcements to staff & customers
- Social media campaign in process
- Regular database updates submitted to Zepheira

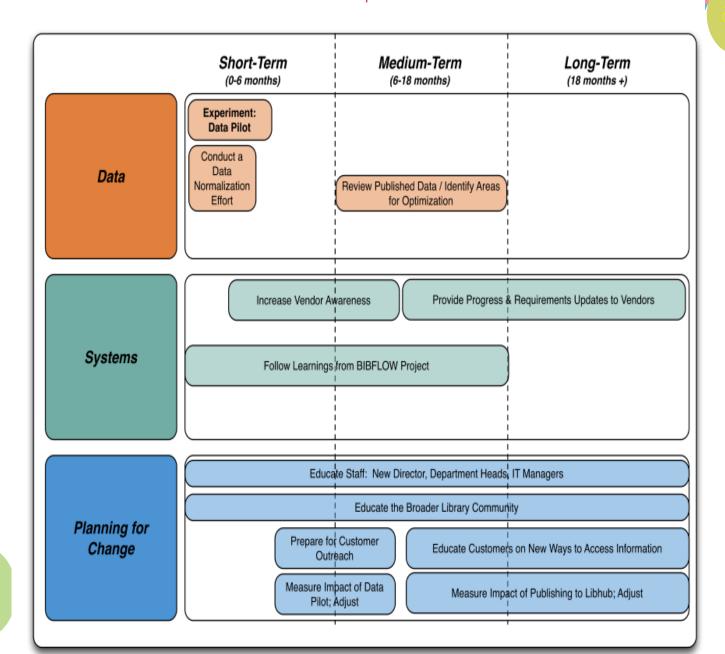


How does this fit into my workflow?





Linked Data Roadmap Recommendations





Change Management Exploration

		Stakeholder Impac	Communication Methods					
Stakeholder Name	Stakeholder Description	Impact of Change on Stakeholder Group	Motivators	Points of Resistance	Key Interests	Possible Communicatio n Methods	Owner	Comments
Communities Served	People who access library resources	Will people understand the new ways in which they will access resources and how these are going to be better? People will be able to find the resources on the Web that they couldn't before. New users can register online for library cards in order to gain access. Hamilton Publich will need to find ways to make sure access to resources is streamlined for customers. With increased visibility on the Web comes higher demand. Will there be enough resources available for customers?	If there is an easy, homogenous experience this will motivate customers to continue to come to the library.	The only point of resistance discussed was that if the user experience is inconvenient or confusing this will deter customers from taking advantage of resources.	Still TBD. Hamilton Public will need to have more conversations with internal teams to figure out what to communicate to customers. These conversations will happen after the results of the data pilot are seen. This will be a soft launch to start.	Use examples to highlight the changes for customers. Set up information booths to "show and tell" at the branches and show customers what's new. Perhaps put together short videos to share insights with customers.	Core Team / IT / Comms Dept	Should things like archives be available to customers? Hamilton is wrestling with this issue. Not everything is in a state that people can access. Could Zepheira help pull together a poster session template? Library and Zepheira logos could be plugged in before printing. Can Zepheira help create pre-recorded videos that might appeal to customers?



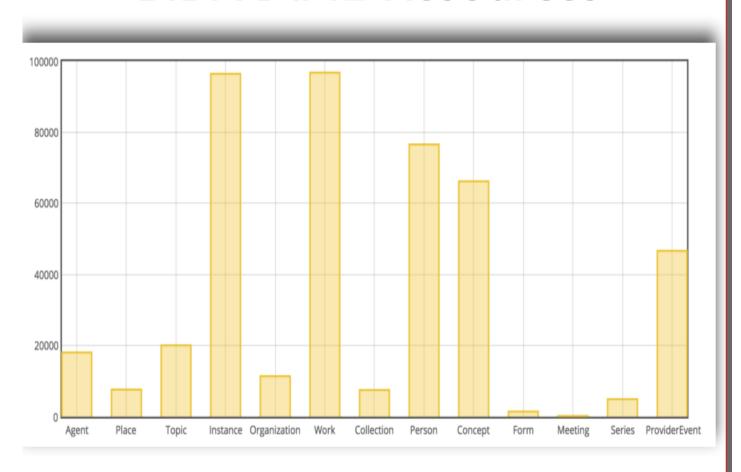
LibHub Initiative – Hamilton's Results

Table 2.0 // Data Analysis Summary

- 1.88,466 MARC records analyzed during May and June of 2015
- 2. Input Format: MARCXML
- 3. Output Format: **BIBFRAME**, vocabulary available at http://bibfra.me
- 4.88,466 MARC records converted to 448,987 BIBFRAME Resources
- 5.619,804 BIBFRAME Resources had an occurrence of folding indicating this data is highly connected



BIBFRAME Resources



88,466 MARC records converted to 448,987 BIBFRAME Resources



Results from Early Adopters

- •All 12 of the Early Adopters have moved off the labs.libhub experimental site to the Library.Link Network
- •The Early Adopters' data was immensely helpful in Zepheira's discussions and showcasing of library data to Google and Bing
- •As of **Jan. 25, 2016 374** library locations are "live" with 600 more locations in the queue to become live on the network
- The current 374 locations represent approx. **14.7 million** MARC records and provide approx. **62 million** URIs to the Web

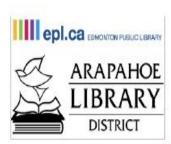


On the Horizon....

- Atlas Systems and Zepheira are exploring converting non-MARC EAD/Dublin Core data into the Library.Link Network for web visibility (ArchiveSpace open source platform)
- Using Google's voice searching tool to connect users to your library resources



libhub.org: Working Together































Hamilton Public Library's participation in the Libhub Initiative

Christopher Carr

Cataloguing Librarian
Hamilton Public Library



Libhub Initiative

Phase 1: Zepheira Linked Data and BIBFRAME Practical Practitioner Training

Phase 2: Data Analysis

Phase 3: Publishing of Data in BibFrame

Phase 1:

Practical Practitioner Training

Module 1: History of the Web & Linked Data

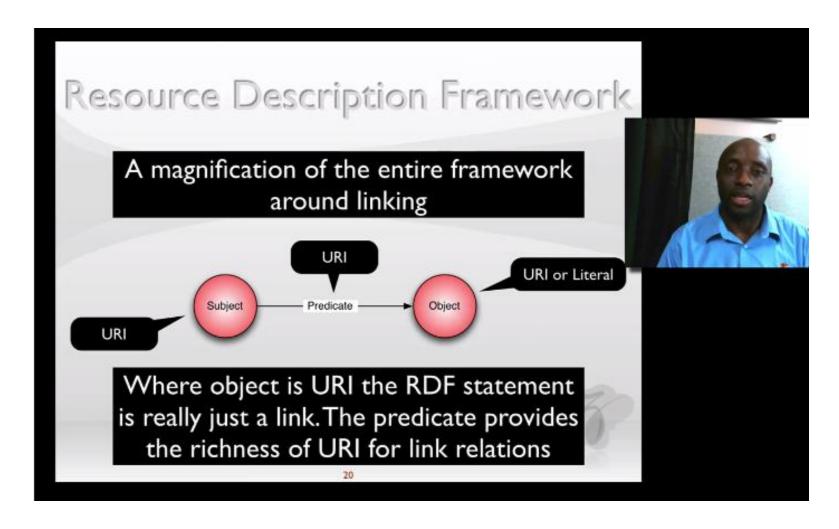
Module 2: BIBFRAME Foundations

Module 3: BIBFRAME Data Modeling Essentials

Module 4: Interacting with BIBFRAME Materials and Profiles via Zepheira Utilities

Module 5: Readiness Assessment, Change Management, and Governance

Modules 1-3: Training Videos



Module 4: Interacting with BIBFRAME Materials and Profiles via Zepheira Utilities

MARC Transformation Utility

Transform MARC Data into raw BibFrame Data

BIBFRAME Scribe

Create BibFrame Data with User-Friendly Templates

MARC Transformation Utility





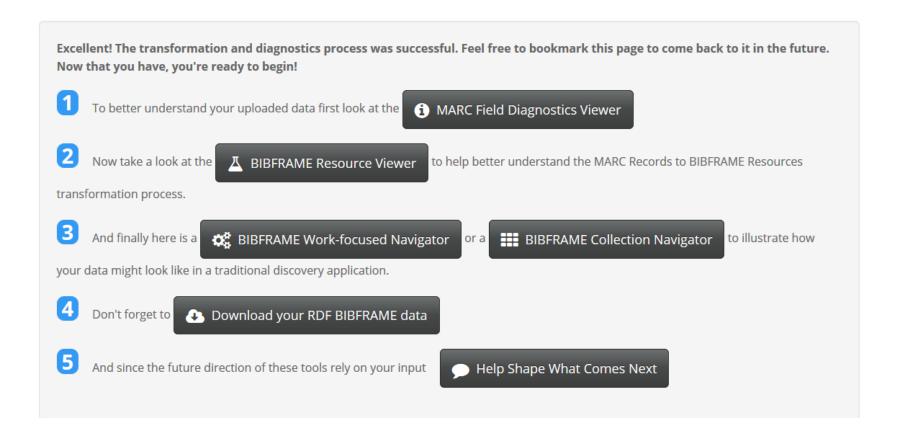
MARC MARCXML

> 1	/ 1		
ull Ite	ems	MARC	
LDR			00776nam a2200253 a 4500
001			vtls005070426
003			HPL
005			20040428185400.0
800			021120s1971 onc e eng c
039		9	\$y 200404281854 \$z VLOAD
082			\$a 252.0792 \$2 21
090			\$a 252.0792 SKE
100	1		\$a Skelly, A. Gardiner.
245	1	0	\$a "About dead lions and live dogs" : \$b a sermon preached by / \$c A. Gardiner Skelly.
260			\$a [Hamilton, Ont.: \$b Ryerson United Church, \$c 1971].
300			\$a 4 p. ; \$c 28 cm.
500			\$a Cover title.
610	2	0	\$a United Church of Canada \$v Sermons.
610	2	0	\$a Ryerson United Church (Hamilton, Ont.) \$v Sermons.
650		0	\$a Sermons, English \$z Canada.
650		0	\$a Church buildings \$z Ontario \$z Hamilton.
988			\$a 5070426
990			\$a c
993			\$a ts15

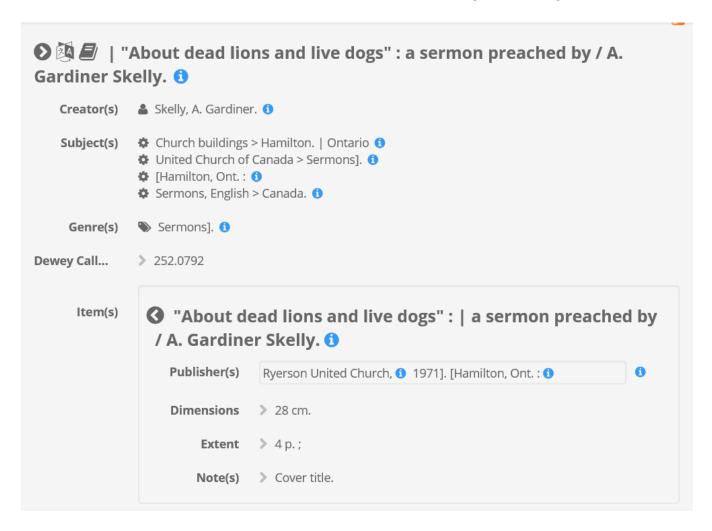
MARC XML

```
<?xml version="1.0" encoding="UTF-8" ?>
- <marc :collection xmlns:marc ="http://www.loc.gov/MARC21/slim" xmlns:xsi="http://www.w3.org/200</p>
   http://www.loc.gov/standards/marcxml/schema/MARC21slim.xsd">
 - <marc:record>
     <marc:leader>00776nam a 2200253 a 4500</marc:leader>
     <marc:controlfield tag="001">vtls005070426</marc:controlfield>
     <marc:controlfield tag="003">HPL</marc:controlfield>
     <marc:controlfield tag="005">20040428185400.0
     <marc:controlfield tag="008">021120s1971 onc e eng c</marc:controlfield>
   - <marc:datafield tag="039" ind1="" ind2="9">
       <marc:subfield code="v">200404281854</marc:subfield>
       <marc:subfield code="z">VLOAD</marc:subfield>
     </marc:datafield>
   - <marc:datafield tag="082" ind1="" ind2="">
       <marc:subfield code="a">252.0792</marc:subfield>
       <marc:subfield code="2">21</marc:subfield>
     </marc:datafield>
   - <marc:datafield tag="090" ind1="" ind2="">
       <marc:subfield code="a">252.0792 SKE</marc:subfield>
     </marc:datafield>
   - <marc:datafield tag="100" ind1="1" ind2="">
       <marc:subfield code="a">Skelly, A. Gardiner.</marc:subfield>
     </marc:datafield>
   - <marc:datafield tag="245" ind1="1" ind2="0">
       <marc:subfield code="a">"About dead lions and live dogs" :
       <marc:subfield code="b">a sermon preached by /</marc:subfield>
       <marc:subfield code="c">A. Gardiner Skelly.</marc:subfield>
     </marc:datafield>
   - <marc:datafield tag="260" ind1="" ind2="">
       <marc:subfield code="a">[Hamilton, Ont.:</marc:subfield>
       <marc:subfield code="b">Ryerson United Church, </marc:subfield>
       <marc:subfield code="c">1971].</marc:subfield>
     </marc:datafield>
```

Options for Viewing Transformed Data



"How Your Data Might Look in a Traditional Discovery Layer"



1 Bib record = 15 "Resources"

BIBFRAME RESOURCE VIEWER

GENERATED 2016-01-26 AT 16:44 FROM 1 RECORDS USING CURRENT PIPELINE VERSION 0.7.3

Type

4 Concept
2 Organization
2 Topic
1 Agent
1 Form
1 Instance
1 Person
1 Place
1 ProviderEvent
1 Work

15 Resources

sorted by: labels; then by... • O grouped as sorted

"About dead lions and live dogs" : a sermon preached by / A. Gardiner Skelly. (link)

label: "About dead lions and live dogs": a sermon preached by / A. Gardiner Skelly.

type: Work

URI: https://linksmith.ze ... hTtNAn/item#Dflp7TnK

resourceType: Work, LanguageMaterial, Books

bf-id: Dflp7TnK

tag-990-XX-a: c

titleRemainder: a sermon preached by /

tag-039-X9-y: 200404281854

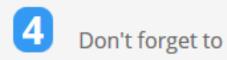
targetAudience:adult

tag-005: 20040428185400.0
tag-090-XX-a: 252.0792 SKE
creator: EhXf43xx
genre: J8GZsugf
tag-003: HPL
tag-039-X9-z: VLOAD

titleStatement: A. Gardiner Skelly.

subject: 7RemJ-Re, e-zdQUIV, Y0nPgxA3, nR9xyQgc

tag-988-XX-a: 5070426 deweyNumber: 252.0792

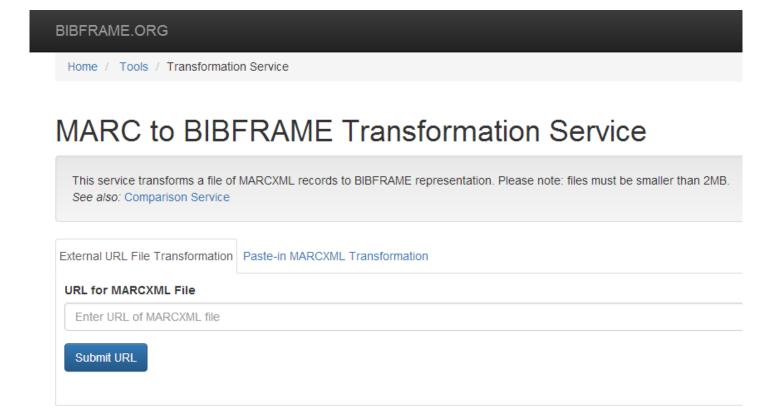




Don't forget to Download your RDF BIBFRAME data

```
@prefix ns1: <http://bibfra.me/vocab/marc/> .
@prefix ns2: <http://bibfra.me/vocab/marcext/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix vb: <http://bibfra.me/vocab/lite/> .
@prefix xml: <http://www.w3.org/XML/1998/namespace> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
<n37pvh5p> a vb:Instance ;
    rdfs:label "\"About dead lions and live dogs\" : a sermon preached by / A. Gardiner Skelly." ;
    vb:controlCode "vtls005070426" :
    vb:dimensions "28 cm.";
   vb:extent "4 p. ;" ;
   vb:instantiates <Dflp7TnK> ;
    vb:note "Cover title." ;
    vb:title "\"About dead lions and live dogs\" :" ;
    ns1:publication <XEaFLL-N> ;
    ns1:titleRemainder "a sermon preached by /" ;
    ns1:titleStatement "A. Gardiner Skelly." .
<4Ti2DT0 > a vb:Organization ;
    rdfs:label "United Church of Canada" ;
    vb:name "United Church of Canada" :
    ns2:sf-a "United Church of Canada" :
    ns2:sf-v "Sermons." .
```

http://bibframe.org/tools/transform/start



This page is a component of the Bibliographic Framework Initiative project. For more information, go to www.loc.gov/bibframe.



BIBFRAME Editing Tool

Search

Article

> Electronic Article

> Print Article

Audio

> Vinyl Record

Bibliography

> Electronic Bibliography

> Print Bibliography

Book

> E-book

> Print Book

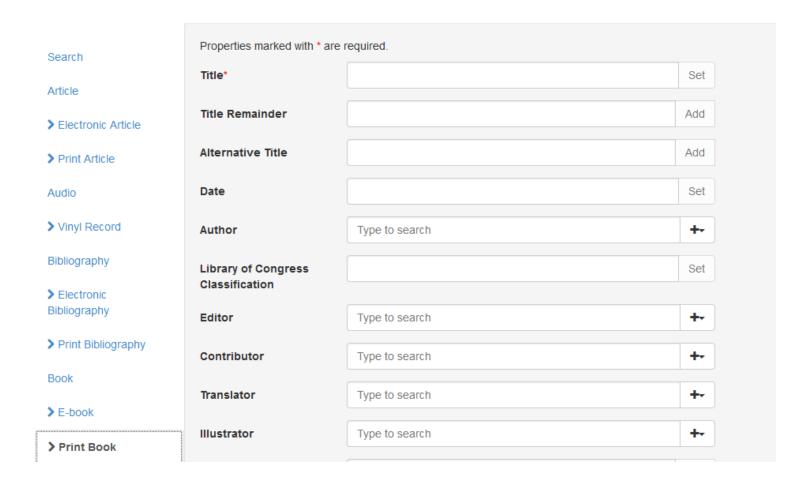
Hi.

Click an instance on the left to begin cataloging that type, or click 'Search' to look for existing material.

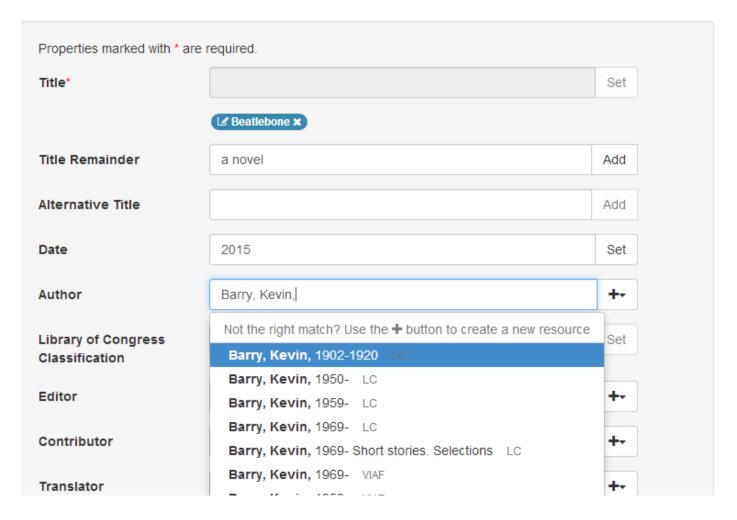
External Services Local LC VIAF FAST

✓ AgroVoc

Print Book Template



Linking to Connected Authorities



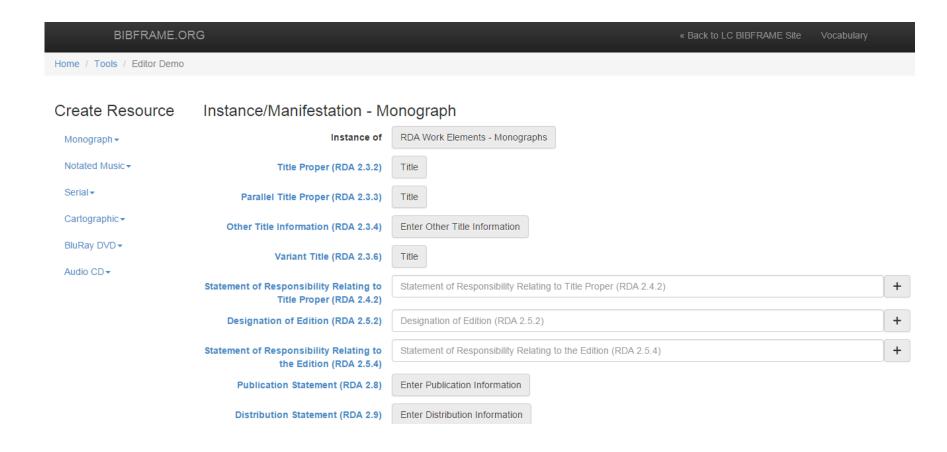
External Services
✓ Local
✓ LC
✓ VIAF
✓ FAST
✓ MESH

✓ AgroVoc

Save/Export to RDF

```
<?xml version="1.0"?>
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
   xmlns:ns0="http://bibfra.me/vocab/lite/" xmlns:ns1="http://bibfra.me/vocab/marc/"
   xmlns:ns2="http://lib.ucdavis.edu/vocab/" xmlns:ns3="http://bibfra.me/vocab/relation/">
 <rdf:Description rdf:about="http://example.org/66fa6288-c6a4-4e8e-9b6e-917f279d43e8">
  <rdf:type rdf:resource="http://bibfra.me/vocab/marc/Books"/>
  <ns0:title>Beatlebone</ns0:title>
  <ns1:titleRemainder>a novel</ns1:titleRemainder>
  <ns0:date>2015</ns0:date>
  <ns3:author rdf:resource="http://viaf.org/viaf/48680401"/>
  <ns3:author rdf:resource="http://id.loc.gov/authorities/names/n2007053033"/>
  <ns1:classificationLcc>PR6102.A7833 B43 2015/ns1:classificationLcc>
  <ns1:contentCategory rdf:resource="http://id.loc.gov/vocabulary/contentTypes/txt"/>
  <ns0:language rdf:resource="http://id.loc.gov/vocabulary/iso639-2/eng"/>
  <ns0:audience>Adult</ns0:audience>
 </rdf:Description>
```

http://bibframe.org/tools/editor/



Phase 2:

Readiness Assessment: Data Pilot

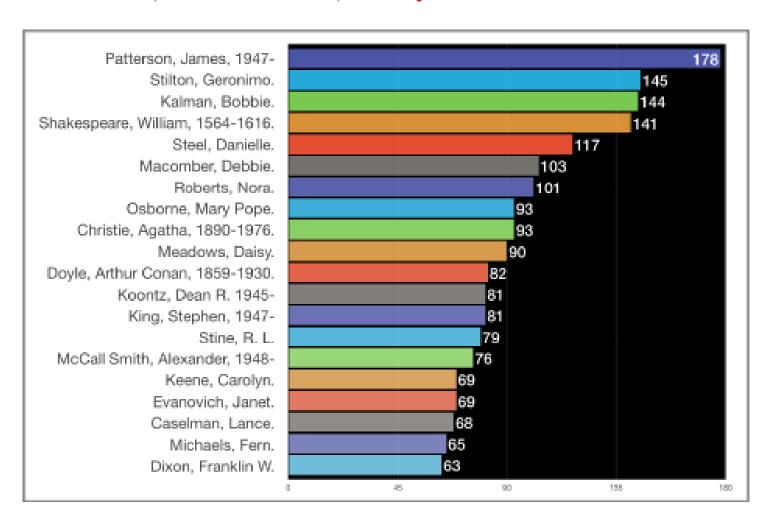
- Sample data sent to Zepheira
 - 88,466 records sent in MARC XML
 - Print , DVDs, Music CDs, E-books, Local History,
 Juvenile and Adult
- Data Assessment Results
 - Hamilton Public Library MARC records converted to 448,987 BIBFRAME "Resources."
 - Hamilton Public Library's data is <u>highly connected</u>.

"Highly Connected"

- As Linked Data entities, BIBFRAME resources that are recognized as being the same based on their complete set of properties (i.e. subjects, people, places) are richly interconnected and have higher visibility to Webharvesters.
- Connectivity is the key to discoverability on the Web.

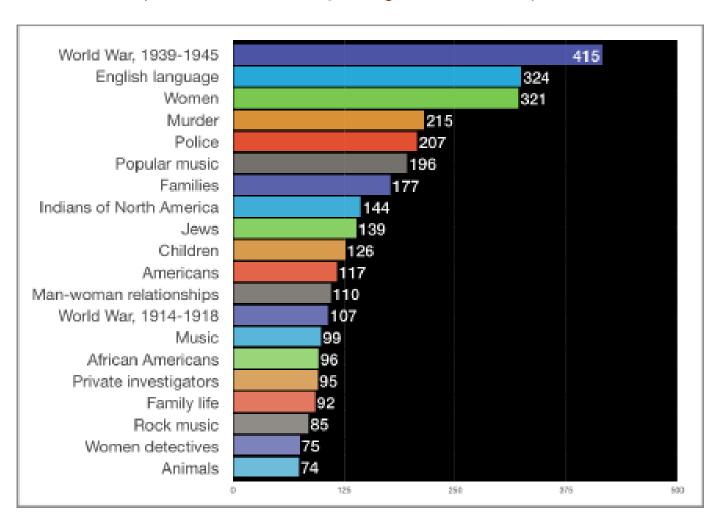
Connectedness of "Person"

Bar Graph 2.3 // Breakdown of Top 20 Folding Occurrences for Person Resources



Connectedness of "Topics"

Bar Graph 2.4 // Breakdown of Top Folding Occurrences for Topic Resources



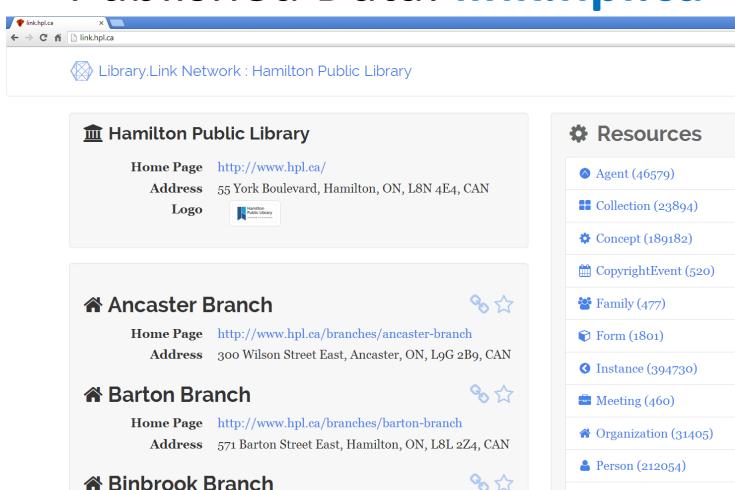
Phase 3: Publish Data in BIBFRAME

- Extract entire database in MARC XML and send to Zepheira via ftp [now via new uploader]
- Approx. 350,000 bib records

Data transformed into BIBFRAME

Review of Data by HPL

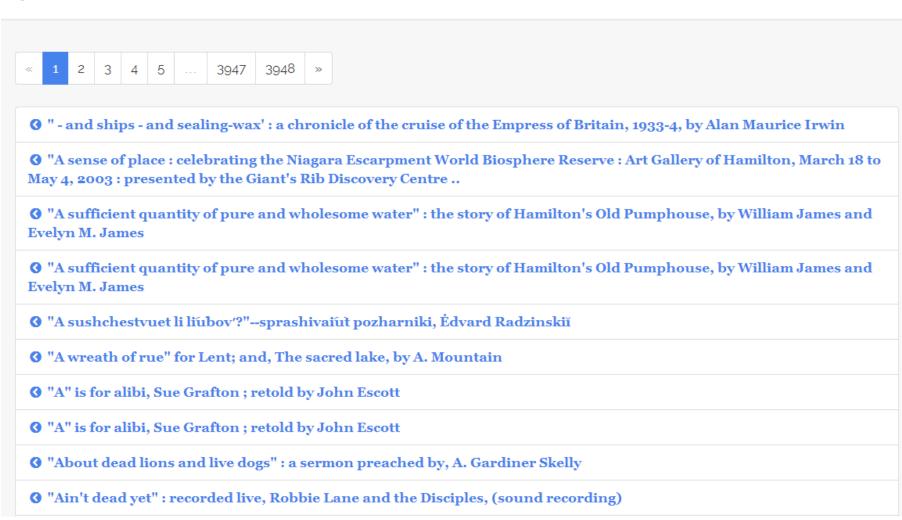
Published Data: link.hpl.ca



Home Page http://www.hpl.ca/branches/binbrook-branch

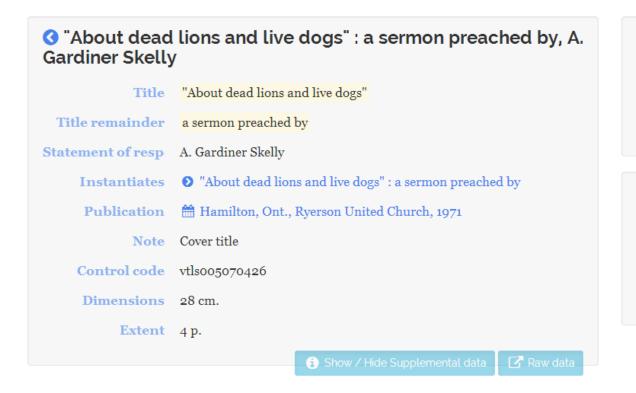
Place (15493)

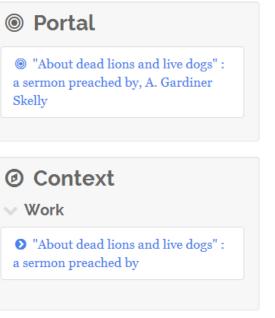
Instance(s)



Instance "Resource"

Library.Link Network : Hamilton Public Library



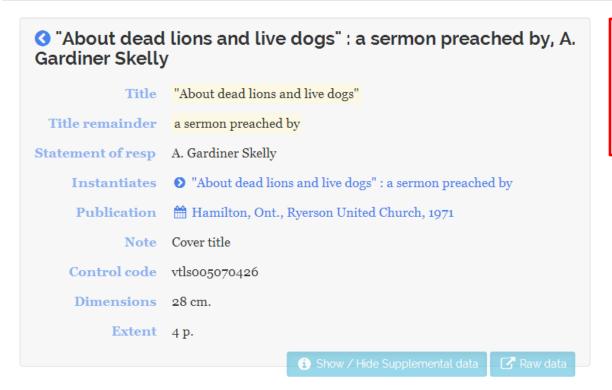


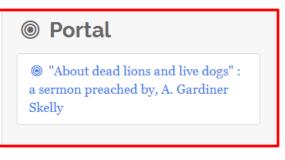
Instance Raw Data

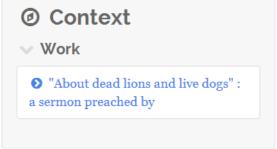
```
@prefix bf: <http://bibfra.me/vocab/lite/> .
@prefix cc: <http://creativecommons.org/ns#> .
@prefix dc: <http://purl.org/dc/terms/> .
@prefix 11: <http://librarv.link/vocab/> .
@prefix ns1: <http://schema.org/> .
@prefix ns2: <http://bibfra.me/vocab/marc/> .
@prefix ns3: <http://www.w3.org/ns/rdfa#> .
@prefix ns4: <http://bibfra.me/purl/versa/> .
@prefix ns5: <http://purl.org/dc/elements/1.1/> .
@prefix ns6: <http://www.w3.org/1999/xhtml/vocab#> .
@prefix og: <http://ogp.me/ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
<http://link.hpl.ca/resource/c2SOoCT6yP4/> a bf:Instance;
    rdfs:label "\"About dead lions and live dogs\" : a sermon preached by, A. Gardiner Skelly"@en;
    ns4:tvpe "http://bibfra.me/vocab/lite/Instance"@en;
    bf:controlCode "vtls005070426"@en:
    bf:dimensions "28 cm."@en;
    bf:extent "4 p. "@en:
    bf:instantiates <http://link.hpl.ca/resource/DHsTkiOi6Og/>;
    bf:note "Cover title"@en:
    bf:title "\"About dead lions and live dogs\""@en,
         "\"About dead lions and live dogs\" : a sermon preached by, A. Gardiner Skelly"@en;
    ns2:publication <a href="http://link.hpl.ca/resource/-KyQpXWqPq4/">http://link.hpl.ca/resource/-KyQpXWqPq4/>;</a>;
    ns2:titleRemainder "a sermon preached by"@en;
    ns2:titleStatement "A. Gardiner Skelly"@en;
    cc:attributionName "Hamilton Public Library"@en;
    cc:attributionURL <http://www.hpl.ca/>;
    cc:license <a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>;
    11:portalLink <a href="http://link.hpl.ca/portal/About-dead-lions-and-live-dogs--a-sermon/c2SOoCT6vP4/">http://link.hpl.ca/portal/About-dead-lions-and-live-dogs--a-sermon/c2SOoCT6vP4/>;</a>;
    ll:source <http://link.hpl.ca/#hamiltonpl>;
```

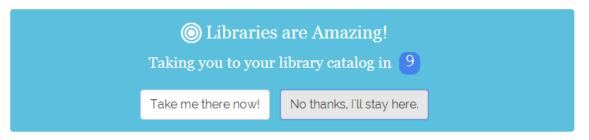
Portal

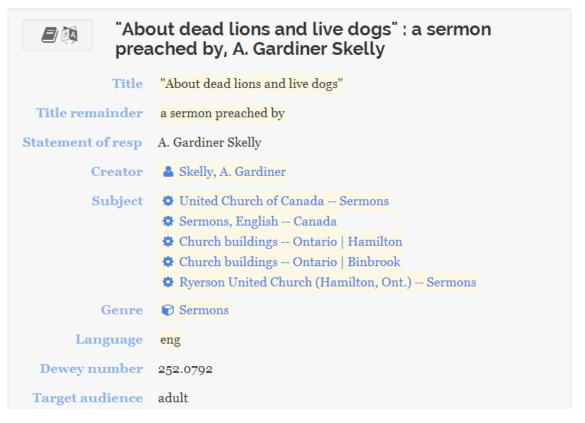
Library.Link Network : Hamilton Public Library

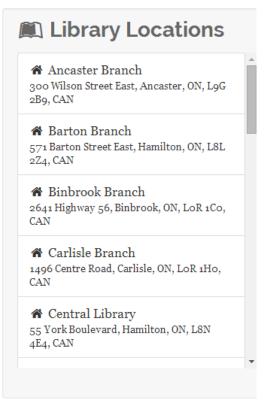


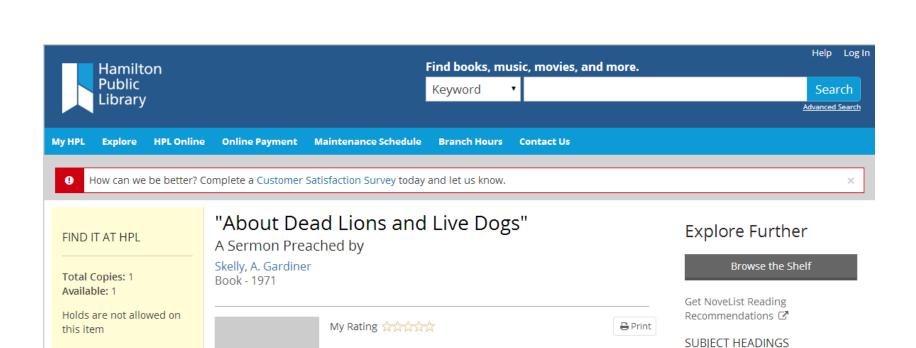












> Ryerson United Church

Sermons.

Hamilton.

TITLE

TAGS

(Hamilton, Ont.) — Sermons.

Church Buildings — Ontario —

Sermons, English — Canada.

No lists include this title yet

No lists include this title yet

SIMILAR TITLES

STAFF LISTS THAT INCLUDE THIS

LISTS THAT INCLUDE THIS TITLE

No tags have been added to this title yet

> United Church of Canada —

Add a Comment

Add Tags

√ Share

Full Record

Details

Publisher:

Branch Call Number:

Characteristics:

+ Add Details >

Save to a List ∨

Add to My Shelves

252.0792 SKE

4 p.; 28 cm.

[Hamilton, Ont.: Ryerson United Church, 1971].

View Availability Details >

On the shelves now at

Local History &

Collection:

Ham 3rd

Call #: 252.0792 SKE

Archives (Central)

Local History & Archives

"Resources" as in Uniform *Resource* Identifiers (URI)



Agent

Collection

Concept

CopyrightEvent

Family

Form

Instance

Meeting

Organization

Person

Place

ProviderEvent

Temporal

Topic

Work

Series

Some MARC to "Resource" Mappings

Concept: Subject strings 6XX + \$v, x, y, z, etc.

Topic: Subjects 6XX without subfielding

Form: 655 and \$v

Place: 26X \$a, 651, \$z

Collection: Preferred (Uniform) titles

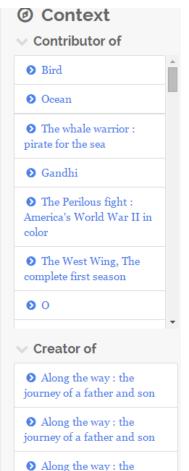
Agent: (Publisher, distributor, etc.) 26X \$b

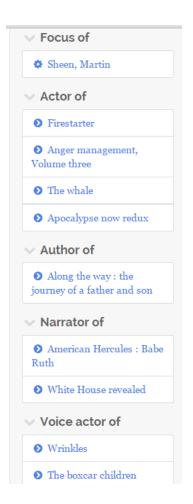
Person: 100, 600, 700

Person "Resource": Martin Sheen



- Contributor of
- Creator of
- Focus of
- Actor of
- Author of
- Narrator of
- Voice actor of





Instances and Works "Resources"

Instance FRBR = Manifestation

394,730 BIBFRAME Resources

Work FRBR = Work/Expression

372,630 BIBFRAME Resources

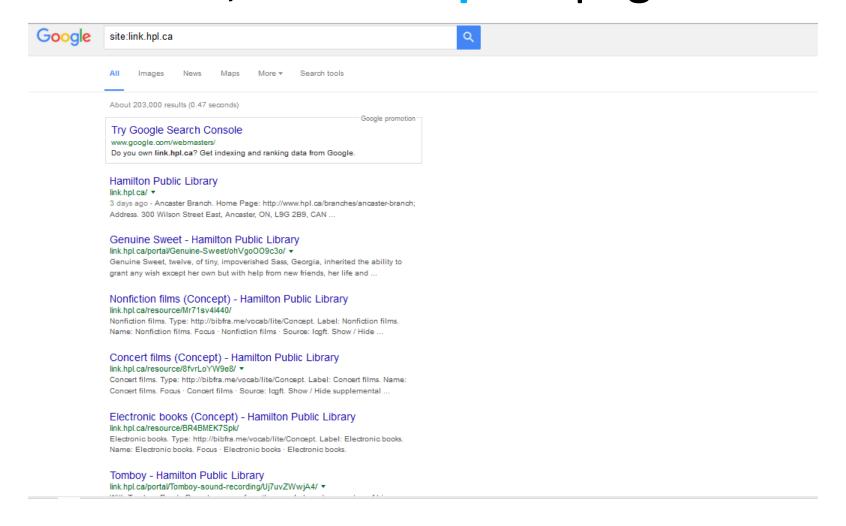
Current HPL BIBFRAME Resources

349,797 MARC records

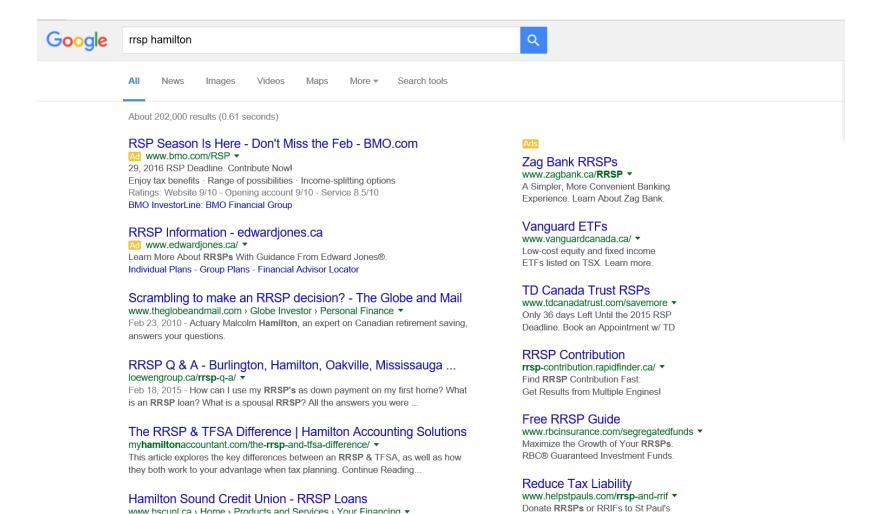
 1,516,840 unique Linked Data/BIBFRAME "Resources"

4,712,084 links between "Resources"

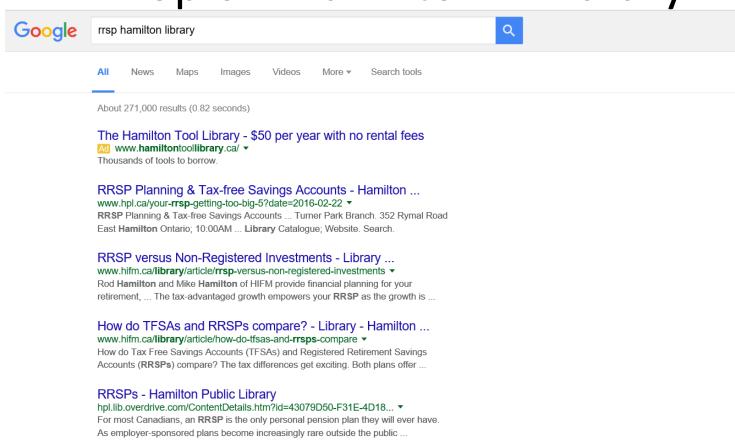
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Google Search Topic + Hamilton



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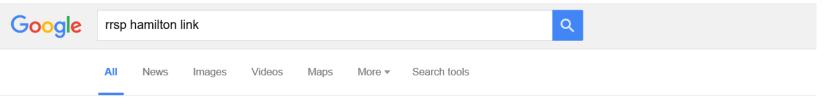


RRSPs and RRIFs for Dummies | Hamilton Public Library ...

https://hpl.bibliocommons.com/item/show/5031367084 ▼

Nov 23, 2015 - Get the right investment mix in your **RRSP** portfolio. "In shoot-from-the-hip, colloquial style, it's a sophisticated manual on retirement investing.

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RRSP basics: Why and how to save - CBC News | Business ...

www.cbc.ca/news/business/rrsp/rrsp-basics-1.3356205

Jan 11, 2016 - Why save in an **RRSP**? The simple answer is that, when it comes time to retire, you don't want to be poor.

Moolala guide to rockin' your RRSP - Hamilton Public Library link.hpl.ca/portal/Moolala-guide-to-rockin-your-RRSP/5sK4-0Z0Q8Y/ ▼ Library.Link Network: Hamilton Public Library ... RRSP; Registered retirement savings plan; Moolala guide to rockin' your Registered retirement savings plan.

This couple should defer RRSP contributions, max out ...

www.theglobeandmail.com > Globe Investor > Retirement > Planning
Jan 8, 2016 - RRSPs not as flexible for couple who hope to retire early, travel in
retirement and head south for winters.

Harper vows to boost RRSP withdrawal limit for first-time ...

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RRSP Information

www.edwardjones.ca/ ▼
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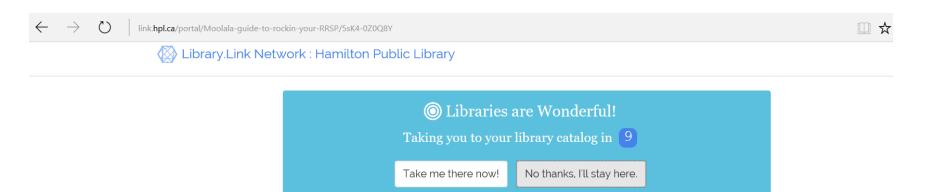
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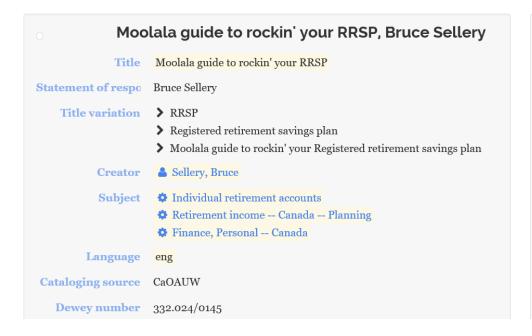
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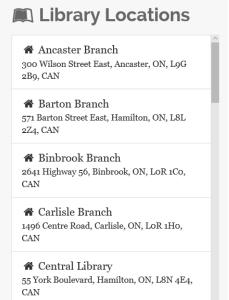
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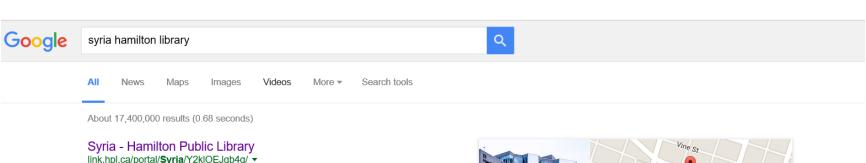
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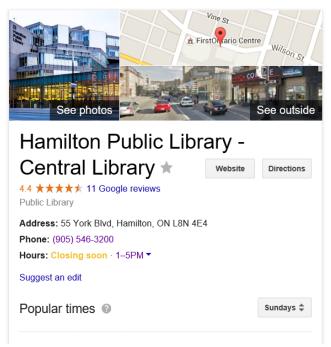
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https://hpl.bibliocommons.com/.../72829048_politics_and_history_of_sy... ▼ Israel, the War, and the Year That Transformed the Middle East. by Segev, Tom. Book - 2007. Six Days Of War. June 1967 And The Making Of The Modern ...

Welcome to Syria | Hamilton Public Library | BiblioCommons

https://hpl.bibliocommons.com/item/show/5179248084

Nov 11, 2015 - This exciting series invites young readers to explore the world through authoritative, easy-to-read text and stunning photographs that beautifully ...



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Referral Path	Sessions	% New Se	New User	Bounce Ra	Pages / Se	Avg. Sessi	Goal Conv	Goal Com	Goal Value
/portal/Visions-of-excellence- -the-art-of-achieving- your/ugbHmGddOp4/	18	0.00%	0	5.56%	6.33	126.00	0.00%	0	0.00
/portal/Syriaa-cultural- profile/bGk2wY8bfJk/	15		7	46.67%	2.47	16.87	0.00%	0	0.00
/portal/Strength-training-for- seniors/-T08Pb_Nvq0/	14	0.00%	0	0.00%	6.71	266.86	0.00%	0	0.00
/portal/Cross- Justice/OrRSjzcy9S4/	13	46.15%	6	84.62%	1.38	68.54	0.00%	0	0.00
/portal/IH-Canada-Managerial- Retirees-Club/6aqFcHPUBxA/	13	92.31%	12	15.38%	5.62	182.85	0.00%	0	0.00
/portal/On-the-movea- life/MHqssLn30PA/	12	0.00%	0	25.00%	5.67	182.83	0.00%	0	0.00
/portal/The- illegal/GvnLaVD9Gzc/	12	33.33%	4	66.67%	1.75	4.42	0.00%	0	0.00
/portal/My-favourite- Christmas- sound/rjaulPaE9bo/	11	0.00%	0	0.00%	11.36	449.45	0.00%	0	0.00
/portal/All-star-Christmas- sound-recording-			_					_	
/tMybHnw5Y8s/	10	90.00%	9	40.00%	2.40	25.50	0.00%	0	0.00

Making Sense of Google Analytics Data

Title	Sessions
Visions-of-excellencethe-art-of (1993)	18
Syriaa-cultural-profile	15
Strength-training-for-seniors (2005)	14
Cross-Justice	13
IH-Canada-Managerial-Retirees-Club (Local)	13
On-the-movea-life (2015)	12
The-illegal	12
My-favourite-Christmas-sound	11
All-star-Christmas-sound-recording-	10

Unique material = Good Google results

- Central Hamilton Residential Alternatives
- The Hamilton and Wentworth Poultry
- Cycling scrapbook Hamilton
- Catalogue of the annual exhibition of Hamilton artists
- Catalogue of works being exhibited by Hamilton artists
- Lilliputian argus
- Christ's Church Cathedral, Hamilton 150 years
- Robbery in Hamilton scrapbook

The unforeseeable future

- Unusual or uniquely held items will continue to rise in ranking...
- Accelerate indexing using Social Media Blogging, Twitter, Linking
- Google analytics tracker embedded in link.hpl.ca pages
- For more popular materials, network of public libraries holding the same material will push BIBFRAME records to top of search results?



Libhub Initiative Goal

"Test how libraries might collectively increase their Web visibility by publishing and connecting their content."







Resources

Christopher Carr – Cataloguing Librarian – Hamilton Public Library – ccarr@hpl.ca

Hamilton Public Library's Libhub site:

http://link.hpl.ca/



