BIBFRAME Readiness: A Canadian Perspective

Ian Bigelow and Heather Pretty

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BIBFRAME in Europe Workshop

http://bit.ly/BIBFRAMEinCanada

Canadian Library Community overview

CFLA-FCAB (Canadian Federation of Library Associations)

FMD (Fédération des milieux documentaires)

LAC (Library and Archives Canada)

BAnQ (Bibliothèque et Archives nationales du Québec)

Working Together

CCM (Canadian Committee on Metadata Exchange)

- Reviews and proposes changes to the MARC encoding standard
- Core Members: CFLA and FMD
- LAC represents CCM on the MARC Advisory Committee (MAC)

CCC (Canadian Committee on Cataloguing)

- Represents Canada on the North American RDA Committee (NARDAC)
- Core Members: CFLA and FMD
- BAnQ serves as a consulting organization
- LAC provides the permanent secretariat

Vocabularies

- CSH (*Canadian Subject Headings*) - LAC
- RVM (*Répertoire de vedettes-matière*) - Université Laval
- PFAN (Programme francophone des autorités de noms) - LAC, BAnQ, et al.

Canadian BIBFRAME Readiness Task Force (CBRTF) Mandate

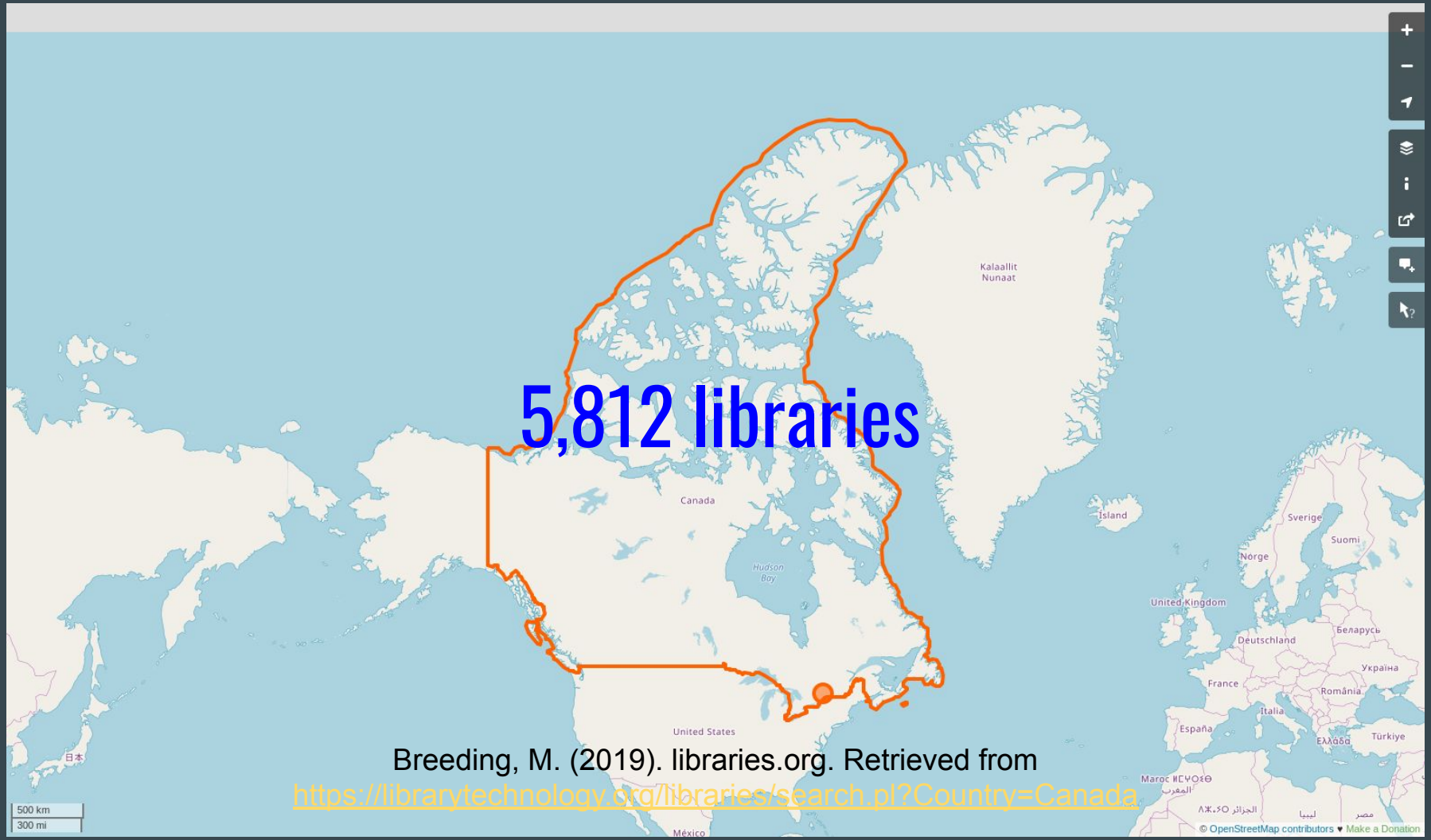
Struck in 2018 by CFLA Cataloguing and Metadata Standards Committee (CMSC)
In partnership with FMD and LAC

To help Canadian libraries prepare for the shift to BIBFRAME, mandated to:

- produce documentation that outlines the impact of migrating from MARC to BIBFRAME on libraries in Canada;
  - Plain-language description of BIBFRAME (October 2019)
- assess the understanding of and readiness for BIBFRAME transition in libraries in Canada; and
- make recommendations for how CMSC and CFLA-FCAB, FMD, and LAC can support Canadian libraries' transition to BIBFRAME.
  - Canadian BIBFRAME Readiness Task Force Final Report - Forthcoming

“A survey of the Canadian library community to gauge the community’s understanding of BIBFRAME”

- CBRTF Survey Subgroup
  - Alexandre Fortier, Library of Parliament
  - Heather Pretty, Memorial University of Newfoundland
  - Dan Scott, Laurentian University
  - Olivier Spéciel, Services documentaires multimédia (SDM) inc.
- Survey Timeline:
  - Survey development - April-October 2019
  - Ethics board approval - August 2019
  - Distribution - November-December 2019
- “Are Canadian Libraries Ready to Transition from MARC to BIBFRAME?”
  - Presentation at the Canadian Association for Information Science (CAIS) 2020 conference



Breeding, M. (2019). libraries.org. Retrieved from https://librarytechnology.org/libraries/search.pl?Country=Canada

Target population

- Stratified, random sample of 1500 Canadian libraries

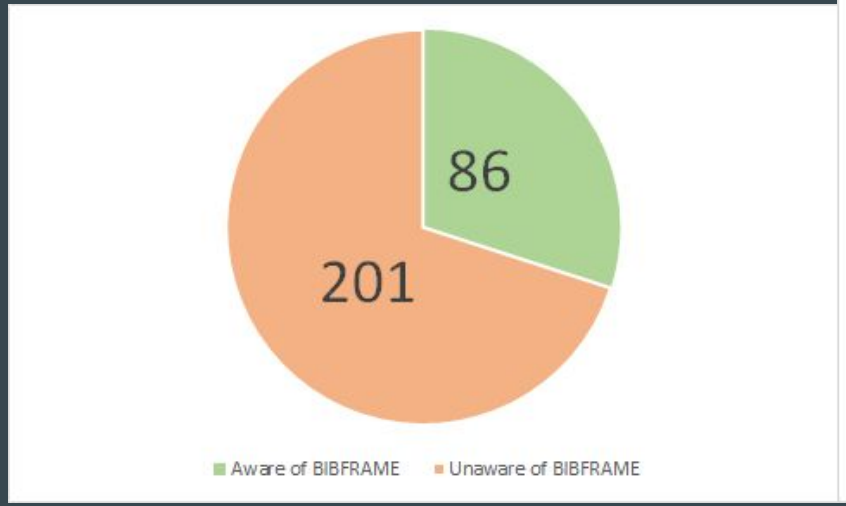
Academic	86	6%
Public	539	36%
School	213	14%
Special	661	44%

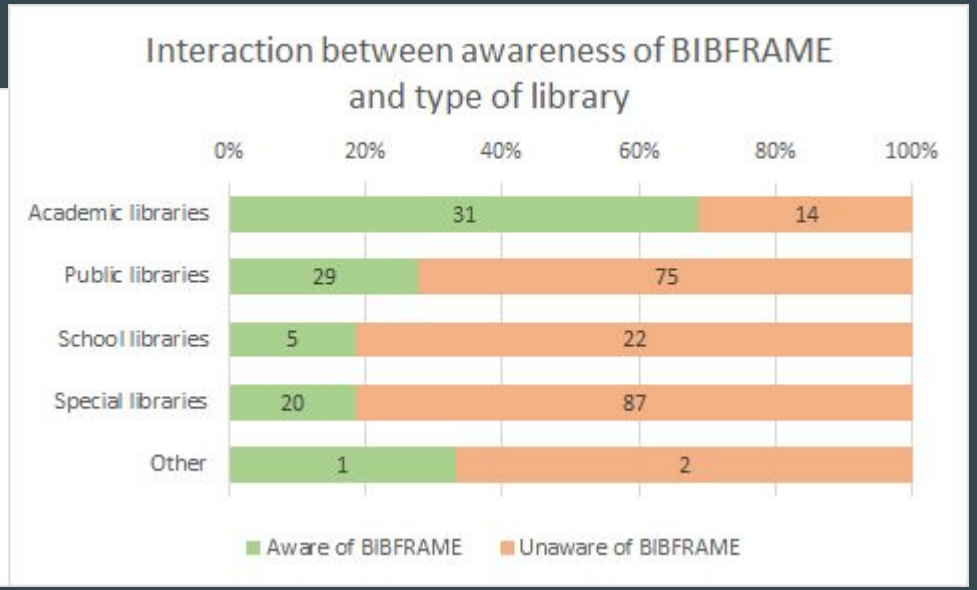
- Sent to generic or “Ask a librarian” email address with request to forward to:
  - The person most directly responsible for **cataloguing/MD** at your library;
  - The person most directly responsible for **systems** at your library.

Who answered the survey

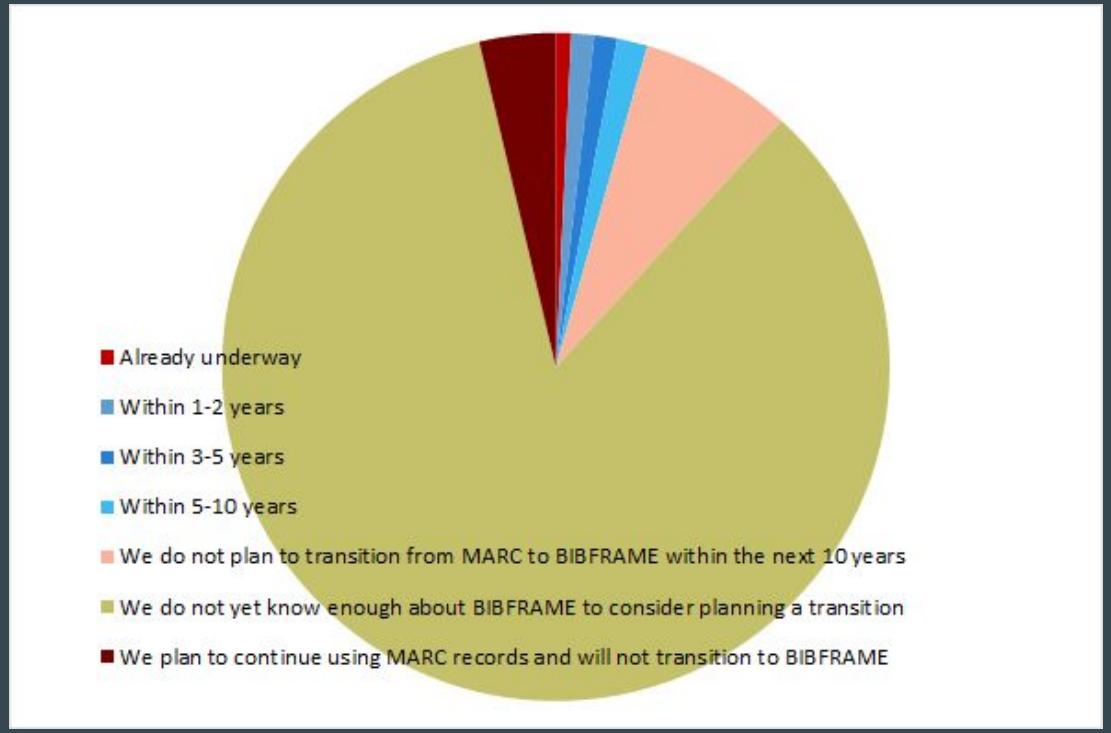
- 287 libraries included in analysis:
  - Are located in 10 provinces and 1 territory
  - Representative language distribution:
    - 53% have a catalogue in English only
    - 29% have a catalogue in French only
    - 17 % have a multilingual catalogue
  - Majority of libraries are “small”:
    - 65% employ 1 to 5 librarians;
    - 19% employ no librarian;
    - 57% employ 1 to 5 staff members.

Awareness of BIBFRAME





Planned transition to BIBFRAME



Organization Readiness for BIBFRAME

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Neither committed nor opposed to transition

Shea, C. M., Jacobs, S. R., Esserman, D. A., Bruce, K., & Weiner, B. J. (2014). Organizational readiness for implementing change: a psychometric assessment of a new measure. Implementation Science, 9(1). https://doi.org/10.1186/1748-5908-9-7

Understanding of Linked Data & BIBFRAME

In response to the question
“True or false: every RDF triple consists of exactly one subject, one predicate, and one object.” (True)

- Almost 50% of respondents selected “I don’t know”

In response to the question
“What are the base classes that must appear in a description using the BIBFRAME vocabulary?” (Work, Instance, and Item)

- 44% of respondents selected “I don’t know”

Moving Forward with Linked Data at UAL

Linked data implementation as a strategic priority

"In order to reap the benefits of full participation in the linked open data environment, UAL should continue to take steps towards complete conversion of existing library data to linked open data. This would involve a full transition of workflows for resource description/metadata creation to linked open data, transitioning all library systems for resource discovery so they work with linked open data formats, and developing new workflows, both internal and with associated vendors and partners, to support these steps."[1]

"Work collaboratively with national and international partners to provide leadership and advance a transition toward open linked data for libraries." [2]

1. Moving Forward with Linked Data at UAL
2. UAL Strategic Priorities 2019-20

UAL LD4P2 Cohort Project Summary

See our LD4P2 Final Report for more information

1. Enhancement of conversion, reconciliation and enrichment processes for MARC to BIBFRAME
2. Exploration of new forms of authority control based on URIs by utilizing MARC and BIBFRAME data enriched with URIs
3. Conversion of Monographs Team Operations
4. Community building:
    a. To help foster a wider community of linked data experimentation and implementation in Canada, UAL will work with other Canadian participants to liaise with the cataloguing community and standards organizations in Canada (CFLA, CCC, CCM, CLDI)
    b. Engage NEOS Consortium members in aspects of this work to transition towards linked data, so that we can move forward together.

Share-VDE

- Our data modelled differently
  - SEIWG and the Share-VDE model
  - Conversion specifications and the UAL/NEOS collection in BIBFRAME
- BIBFRAME discovery
  - Share-VDE Portal development and upcoming UAL skin
- Identifier and Entity management
  - J. Cricket
  - Authority control processes
- Sapientia - A new shared KB of entities and relationships
  - Share institutions
  - PCC

Pause - Our secret for BIBFRAME readiness?

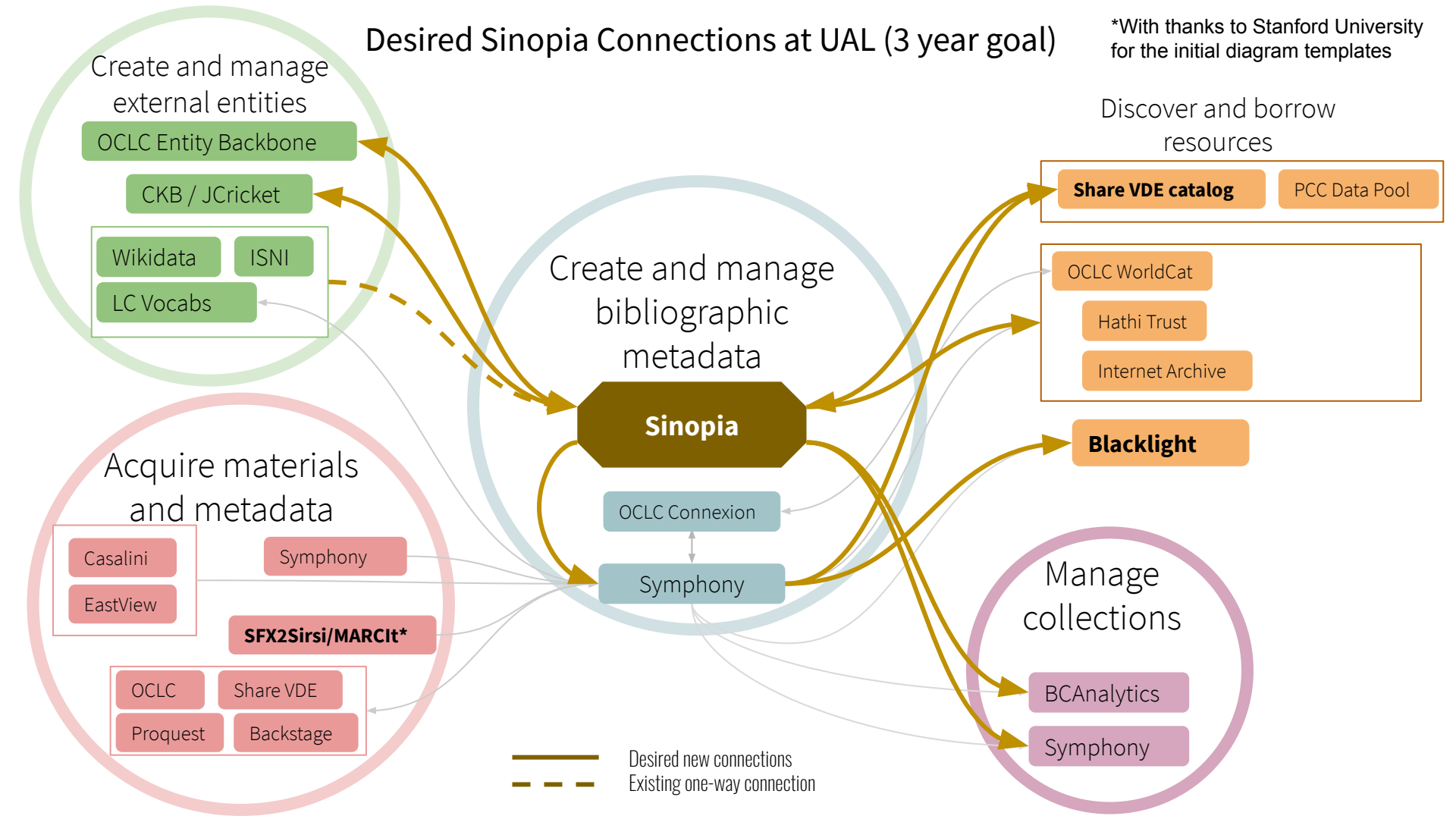
- We are not ready either!
- We're fairly sure that nobody is, and the scale of the transition is bigger than any one institution.
- Strategic planning, rather than "readiness" has been key to incremental change

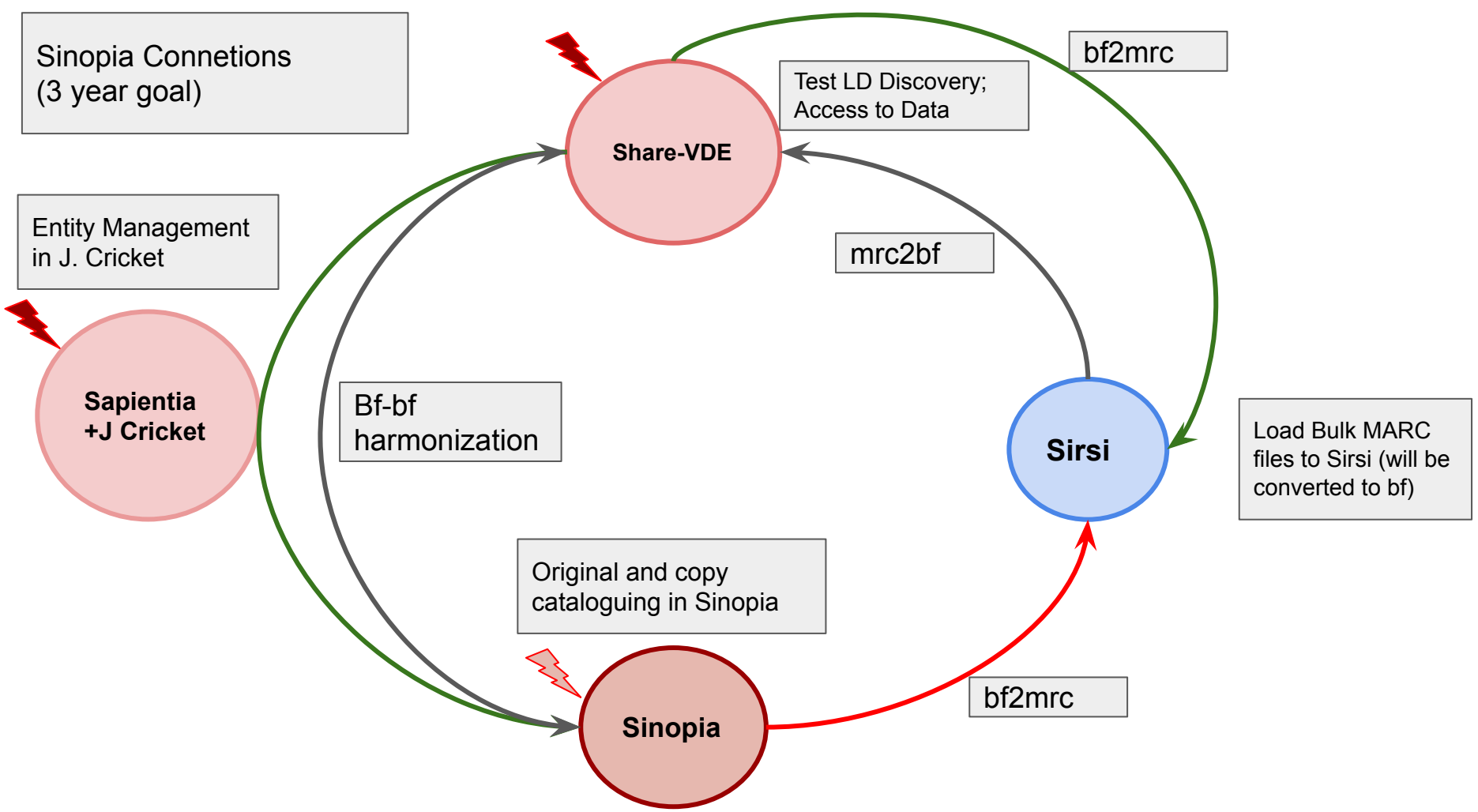
These are not failings, "something wonderful is about to happen"[1] because a lot of amazing people are working together towards a common goal.

1. Schreur, Philip E. (2018). Evolution, revolution, transfiguration (something wonderful is about to happen). European BIBFRAME Workshop, Florence, Italy, 17 September.

Desired Sinopia Connections at UAL (3 year goal)

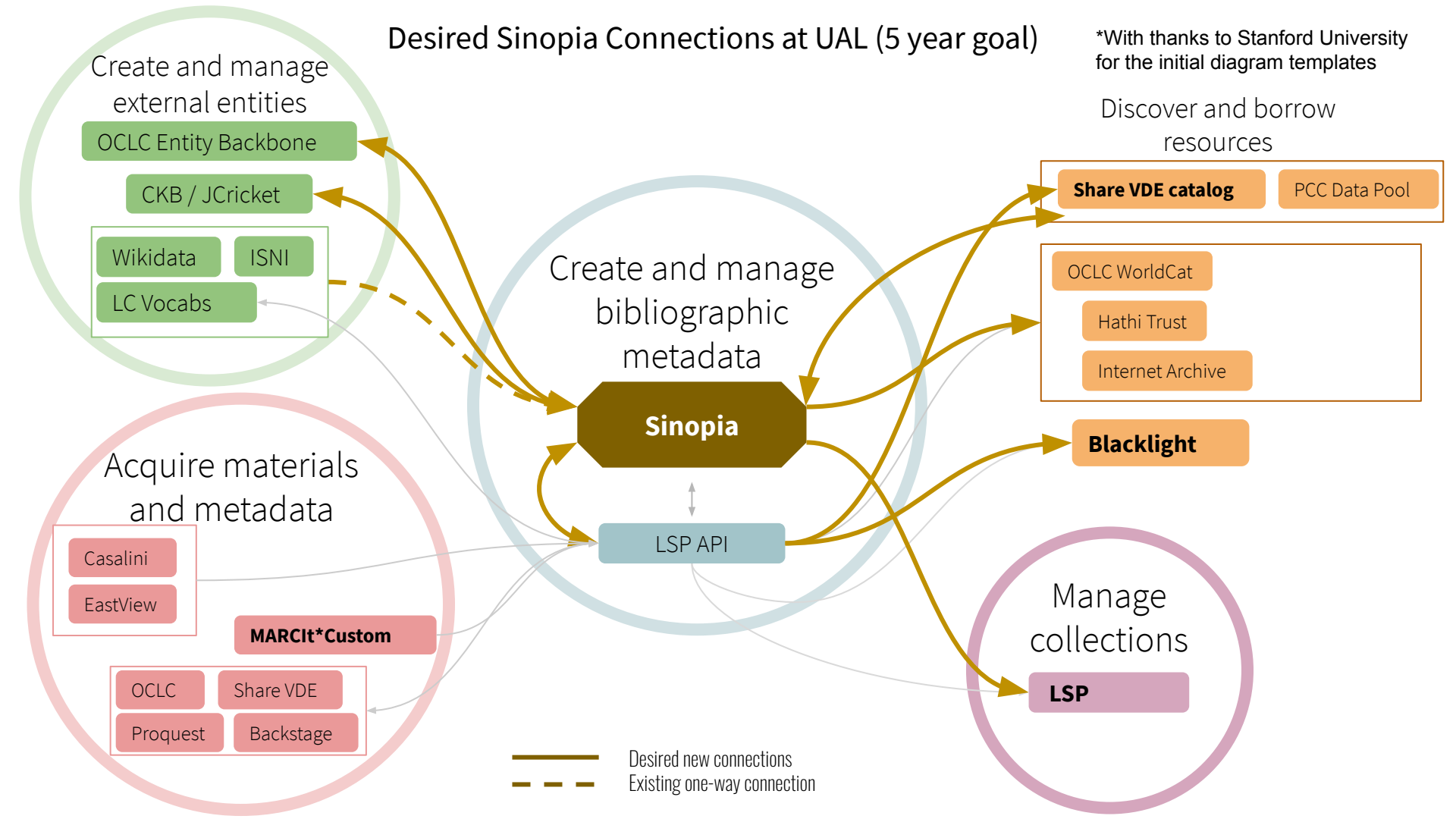
*With thanks to Stanford University for the initial diagram templates




Sinopia Connetions
(3 year goal)
Share-VDE
Test LD Discovery;
Access to Data
bf2mrc
Entity Management
in J. Cricket
mrc2bf
Sapientia
+J Cricket
Bf-bf
harmonization
Sirsi
Load Bulk MARC
files to Sirsi (will be
converted to bf)
Original and copy
cataloguing in Sinopia
Sinopia
bf2mrc

Desired Sinopia Connections at UAL (5 year goal)

*With thanks to Stanford University for the initial diagram templates



Takeaways from the Experience at UAL

- This is a massive effort - We need to be able to bring others along with us
- We don't want to close the loop only to find ourselves on an island
  - Results from the survey point to the need for a BIBFRAME community in Canada to facilitate linked data and BIBFRAME education and training.
- We must consider our context, both internationally and in **Canada**
  - Support for Canadian vocabularies in RDF
  - Bilingual documentation
  - Decolonizing description
  - **Having a mechanism for Canada (and other countries) to engage with BIBFRAME as a standard and chart a shared path together**

We need to move forward as a community

- In Canada, to do this, we might develop a BIBFRAME CAKE
  - Draw upon the experience of the RDA Canadian Knowledge Exchange (RDA CAKE)
  - How would this fit in the wider context with efforts by LD4, PCC, and beyond?
- Internationally, how does the Canadian Library Community outlined above engage with BIBFRAME as a standard?
  - PCC members can engage with PCC, Share-VDE members can work within that community, but it would help to have a place for all to engage with BIBFRAME development.
- Engage with the Canadian library community and beyond regarding linked data at a broader level through the creation of a diverse interest group.
  - CFLA-FCAB Truth and Reconciliation Report Recommendation 5 (http://cfla-fcab.ca/en/indigenous/trc_report/)
  - “Decolonizing Access and Classification...”

DRAFT recommendations for a shared path forward

Focus on Community, Education, and Growing Knowledge through
5 broad goals/mandates:

1. Continued Organizational Support
    - CFLA-FCAB, LAC (Library and Archives Canada), FMD (Fédération des milieux documentaires)
2. Community Support for Education and Professional Development
    - Development of a pan-Canadian training program and community of practice
3. Communication and Information Sharing
    - Establishing a “communication channel”
4. Participation in Standard Development
    - More active participation by Canadian libraries and Canadian library associations
5. Community Engagement
    - Broader GLAM community, and LGBTQ2+, Indigenous peoples, and other marginalized groups

Thank you

Ian Bigelow, University of Alberta
bigelow@ualberta.ca

Heather Pretty, Memorial University of Newfoundland
hjpretty@mun.ca

Slides: http://bit.ly/BIBFRAMEinCanada

“μή, εἴ τι αὐτῷ σοὶ δυσκαταπόνητον, τοῦτο ἀνθρώπῳ ἀδύνατον ὑπολαμβάνειν, ἀλλ’ εἴ τι ἀνθρώπῳ δυνατὸν καὶ οἰκεῖον, τοῦτο καὶ σεαυτῷ ἐφικτὸν νομίζειν / If something is exceedingly hard for you to do, don’t suppose that it is impossible for a human, but if it is something possible and suitable for a human, think that it is within your power as well” (Marcus Aurelius, Meditations 6.19)