



Marrakesh Lending Between Countries: Using Alma and Primo to enable Access to the Print Disabled - Report of Work to Date



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Marrakesh Treaty: Quick Recap

- To facilitate access to published works for persons who are blind, visually impaired or otherwise print disabled
- A WIPO treaty agreement amongst 80 signatory countries passed on June 27, 2013 in Marrakesh, Morocco
- Came into force in Canada on September 30, 2016 and in USA on May 8, 2019
- Each country must ratify; 80 ratified to date, 37 more in process
- <https://www.wipo.int/treaties/en/ip/marrakesh/>
- An exception to copyright in ratified countries for readers who are blind, visually impaired or otherwise print disabled

CARL-ARL Marrakesh Treaty Implementation

- Charged September 2020
- Pilot implementation project collaboration between CARL and ARL on behalf of their member libraries (140 total); collectively hold 760 million print and electronic books
- Two American: Cornell University, University of Florida
- Two Canadian: York University, Bibliothèque et Archives nationales du Québec (BAnQ)
- Policy, Metadata, Systems, User community working groups
- Goal: implement requesting and borrowing within each country and cross-border

Structure

- ARL-CARL Marrakesh Implementation Task Force
 - Metadata Working Group
 - Determine MARC fields for all formats based on sample records from pilot libraries
 - Implementation Working Group
 - Digitization workflow, discovery, digital repository, identity and access management, what do authorized entities need
 - Beneficiaries Working Group
 - Understanding user needs, functional requirements
 - Operations and Strategy Working Group
 - Web presence, speaking opportunities, project flow

Project Goals

- High quality descriptions ensure that end-users can find and access accessible formats
 - Sharing best practices for description of accessible formats
- Unfettered access to accessible works by beneficiary communities
 - Convert from print to accessible version once
 - Determine how the plethora of accessible versions created by all library types, globally, are searchable and discoverable by all beneficiary users?
- A framework for
 - Adapting formats of works as users and technology change over time
 - Ongoing reinvestment into technology infrastructure for description of works and accessible, digital works themselves

CARL-ARL Task Force

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- **Victoria Owen (Chair)**, Visiting Program Officer, CARL-ARL Marrakesh Treaty Implementation; University of Toronto
- **Gerald Beasley**, University Librarian, Cornell University
- **Pascal Calarco**, Visiting Program Officer, CARL-ARL Marrakesh Treaty Implementation; University of Windsor
- **Julie Cardinal**, Directrice, Traitement documentaire et métadonnées, Université de Montréal
- **Greg Cram**, Director, Copyright, Permissions and Information Policy, The New York Public Library
- **Mélanie Dumas**, Directrice, Direction de la Collection universelle, Bibliothèque et Archives nationales du Québec
- **Merideth Fletcher**, Manager, Metadata Sharing, Library and Archives Canada
- **Susan Haigh**, Executive Director, Canadian Association of Research Libraries
- **Joy Kirchner**, Dean of Libraries, York University
- **Katherine Klosek**, Director of Information Policy, Association of Research Libraries
- **Katherine McColgan**, Manager, Administration & Programs, Canadian Association of Research Libraries
- **Christine Oliver**, Head, Metadata and Processing, University of Ottawa
- **Judith Russell**, University Librarian, University of Florida
- **Judy Ruttenberg**, Senior Director of Scholarship and Policy, Association of Research Libraries

Accessible Formats

- EPUB
(<https://www.w3.org/publishing/epub3/epub-spec.html>)
 - 3.2 (2019), 3.3 (2022 draft)
- DAISY (<https://daisy.org/activities/standards/daisy/>)
 - 3 (2005); NISO standard
- PDF (<https://www.iso.org/news/ref2608.html>)
 - ISO 32000-1 (2008; PDF 1.7); ISO 32000-2 (2020; PDF 2.0)

Pilot: Alma and Primo

- Two Alma/Primo libraries, each part of a larger network consortium
- Complementary to FRAME project (UVirginia)
- How far can we get with stock functionality and minimal configuration changes?
- 73% of ARL members using this platform for their libraries
- Document configuration changes needed and also gaps in required functionality
- ***This is a test, and not intended for planned implementation at this time***

Sandbox environments for pilot

- University of Windsor (Ontario Council of University Libraries), University of Florida (Florida Virtual Library Consortium):
 - Configure and implement new MARC21 template for accessible materials
 - Configure and implement new collection location for local accessible works
 - Configure resource sharing: ISO ILL targets, digitization request workflow (stretch goal)
 - Configure restricted access Primo VE view of these local works
 - Configure repository storage for local accessible works (stretch goal)
 - Authentication and authorization (stretch goal)

MARC21 Recommendations

- Metadata committee will be handing recommended changes for accessible material description to Canadian Committee on Metadata (CCM) and MARC Standards bodies in US
- What existing MARC fields can be used to increase discovery for accessible texts in:
 - PDF
 - EPUB
 - DAISY (audio book)

MARC21 Recommendations

- 336, 337, 338: Content and media types
- 341: Accessibility content
- 344, 347: Sound, digital file characteristics
- 506: Restrictions on access note; STAR vocabulary
- 385, 521: Target audience notes
- 532: Accessibility note
- 540: Terms of use
- 856: Electronic location & access

Fulfillment: Perspectives

- Controlled Digital Lending use case?
 - Copyright mismatch
- Resource sharing?
 - ISO ILL connections with external libraries
- Digitization request?
 - Can we receive an ILL request and fulfill it as a digitization request?
 - Non-returnable
 - Local copyright determination

Repository Needs

- OCUL:
 - 1. Ontario Library Research Cloud
 - Triple-store backup, private cloud, web-exposable, authentication hooks?
 - 2. Alma Digital (Windsor) – stored in AWS
 - Use case trial; limited storage (500 GB), tightly integrated with Alma/Primo stack, better granularity with patron authorization
- FLVC:
 - Islandora (used amongst 16/40 campuses)

Authentication & Authorization

Principles:

- Beneficiary privacy must be protected
- Equitable service vis-a-vis other patron groups
- Shibboleth-like authentication across institutions with authorization tied to accessible materials is needed
 - Requests pass tokenized access which identifies requester as belonging to beneficiary group while maintaining patron privacy

What's Worked Well

- Working as a joint team with Florida & FLVC partners
- New MARC templates for EPUB, DAISY, PDF
- Primo VE Deep Search
 - Florida -> Windsor, Windsor -> Florida
- New patron group and restricted fulfillment rules
- Being able to define within existing IZ libraries

Challenges

- Limitations to custom search/display indices (99 max)
- Local institution vs. network zone configuration
- Electronic portfolios vs. individual records with 856s
- SAML authentication configuration that leverages patron group

Other Areas

1. Publishing metadata possibilities:
 - a. Alma community zone collection
 - b. Publish to ABC (Accessible Book Consortium) Catalog
 - c. Publish to HathiTrust
 - d. Publish to OCLC
2. Aggregated discovery options:
 - a. Network zones (within consortia)
 - b. CDI community collection
 - c. HathiTrust
 - d. OCLC WorldCat
 - e. Internet Archive OpenLibrary

Timeline

1. Alma/Primo configuration
 - a. June - August 2022: documentation
 - b. Redo changes after August sandbox refresh
2. Internal Testing, Florida and Windsor
 - a. September - December 2022
 - b. Document gaps in functionality
3. External testing w/beneficiaries, Florida and OCUL
 - a. January - February 2023
4. Final report to ARL, CARL
 - a. Spring 2023

Thanks! Questions very welcome

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