Linking with Alma

Dana Moshkovits | Director of Product Management
• Introduction
• Demo
• Deep Dive: Link Resolver Logic Steps
• Link Resolver Usage
CDI Content Linking

• Access to Full Text for CDI content can be provided either by
  • Alma Link Resolver OR
  • Link in Record

• Today’s session will focus on Full Text access via Alma Link Resolver
Demo
Example: ABI/INFORM Collection

- Collection active in Alma
- Collection’s CDI Full Text Linking defined as ‘LinkResolver’
- Collection content in CDI is marked as ‘Available online’
Example: ABI/INFORM Collection

- Journal Global focus [1784-2344] is part of the collection
- Journals articles will be marked as ‘Available Online’ in CDI
Example: ABI/INFORM Collection

- Access to article full text is provided via Alma Link Resolver
Example: ABI/INFORM Collection

If you need to troubleshoot and get a better understanding of the Alma Link Resolver results for a specific example - Add &displayCTO=true to the end of the URL.
Troubleshooting

OpenURL sent from CDI to Alma

Link Resolver
Troubleshooting

Services selected by Alma Link Resolver
Deep Dive: Link Resolver Logic Steps
Link Resolver Logic Steps

Step 0: Receive OpenURL
Step 1: Build Context Object
Step 2: Match Bibliographic Record/s
Step 3: Build Context Service
Step 4: Display Services
Step 5: Access Service
Step1 – Build Context Object

• OpenURL Metadata is extracted
• Additional metadata is augmented from different sources based on ID – example: Pubmed, DOI
• All metadata is saved in a Context Object
Step 2 – Match Bibliographic Record

- Alma LR attempts to match a bibliographic record based on the following logic:

  - Identifiers ESSN, ISSN, EISBN, ISBN, LCCN, CODEN, OCLC unique number
    When a resource (MMS record) is found, the search stops.

  - The identifiers are prioritized according to the genre (article/journal/issue genres give a higher priority to EISSN/ISSN; other genres give a higher priority to EISBN/ISBN). When genre is not present, priority is given to EISBN/ISBN over EISSN/ISSN.

  - If no match is found on the identifiers, a search is performed by title and author unless the genre is Journal, Article, or Issue (in which case no further search is performed).
    - If a match is found, the search stops.

  - If there was no search by identifier (no identifier as part of the Context Object), a search is performed by title only. When searching by title only, the genre plays a role in determining the material type to be retrieved. If the genre is Book, BookItem, Report, or Document, the material type to be retrieved is monograph. If the genre is Issue, Journal, or Article, the material type to be retrieved is serial.
Step 3 – Build Context Service

• Alma LR will calculate all relevant services for the matched Bibliographic record(s)

• Service is considered relevant based on Availability:
  • Bibliographic record is not suppressed
  • Portfolio is active
    • For Journals: coverage, embargo conditions are passed
  • Electronic service is active
    • Electronic Service Linking Rules are passed
Step 3 – Build Context Service

• Alma LR will add additional services in the following cases:
  • Services for Related Bibliographic Records – configurable
  • For an institution that manages distributed electronic services Alma LR will calculate Availability based on Available For group setting
  • In the context of consortia who manages electronic services centrally in the Network Zone:
    • Alma LR will consult the Network to check if there are any services that are available for the Context Object for the institution based on Available For group settings.
Step 4 – Display Services

• Display Logic Rules

Add Rule

For user from groups
hide service
with Interface
with value
if exists service
with Interface
with value
when in campus

Add Cancel Add and close
Step 4 – Display Services

• Sort Order
Step 4 – Display Services

• Direct Link

Direct Linking Configuration

- Enable direct linking
  - Yes
  - No

- Enable direct linking when multiple services are available

- Disable direct linking when additional information is available:
  - Authentication note
  - Public Note

- Disable direct linking for:
  - Electronic collections
  - Journals
  - Digital resources
Step 5 - Access to Services

• Once a user selects a service (or directed to one) Alma Link Resolver will generate the final URL using a dedicated linking program (Target Parser) which implements the service provider linking syntax

• Target Parser final URL include:
  • Proxy/Shibboleth
  • User parameters (defined at the level of the electronic service)
Link Resolver Usage

- All traffic via Alma link Resolver is tracked for usage and available for reporting via Analytics Link Resolver Subject area
Summary

• CDI Full Text linking via Alma Link Resolver works just like any other OpenURL compliant source
• Library has control over which services to present and how they are presented
Thank you!

Dana.moshkovits@exlibrisgroup.com