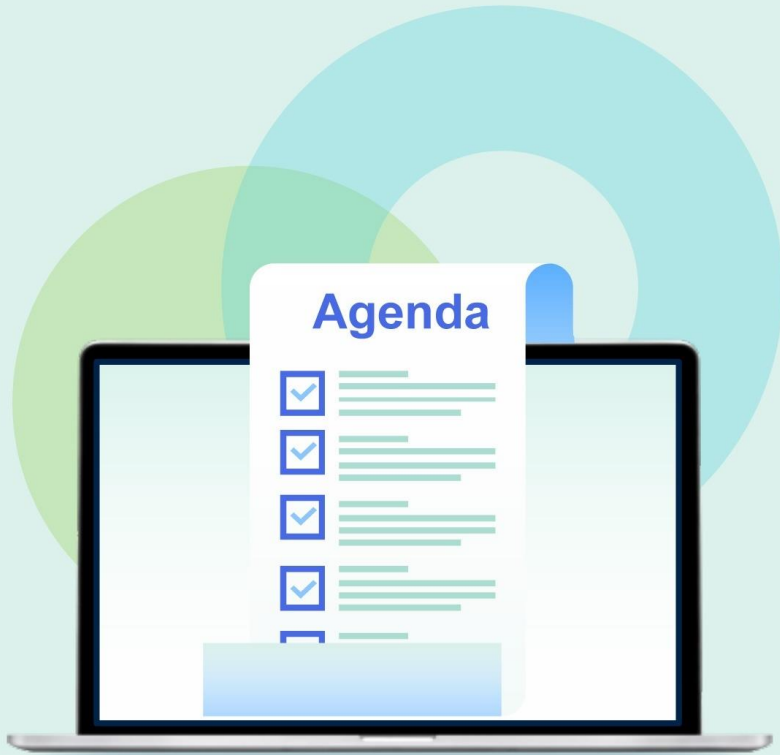




Linked Data: Principles, vision and thoughts of the future

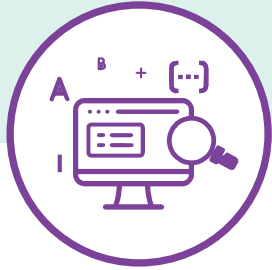
Itai Veltzman, Alma Product Manager

January 2021



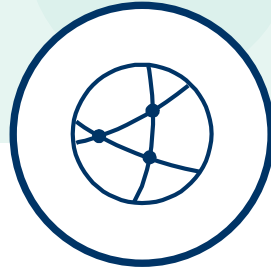
- Why do libraries need Linked Data?
- Linked Data principles and vision
- Thoughts about the future

Why do libraries need Linked Data?



Better Discoverability

Display enrichment, easier navigation and accuracy. Enabling sophisticated querying making it quicker to find what you want



Global interoperability

Open to other silos outside of libraries systems such as research



Efficient cataloging

Higher accuracy with less manual work. Easier to create relationships. Focus on special collections and unique materials

Ex Libris Linked Data pillars



Discovery



Interoperability



Cataloging

Side by side

Existing records in various formats will continue to be managed side by side with Linked Data records

Enhanced Discovery

Leveraging relations for display enrichment and navigating through connected entities



Graph Cataloging

of new record by using linked data formats

Eco system

Provide ability to connect and manage Linked open Vocabularies across institutions in Ex Libris platform as part of global eco system

Exposure

leveraging linked open data formats as a mean to improve discoverability of the catalogue by search engine

What exist today in Alma and Primo?



Discovery



Interoperability



Cataloging

Records enrichment

Automatically with URIs for language, identifiers, names, and subjects

Alma Refine

supports the refine workflow within Alma. It works currently with Getty, Wikidata, and Geonames Linked open Vocabularies

Display in search

In result and record view (also as BIBFRAME)

Publish

Entire catalog:
BIBFRAME, RDA/RDF

API endpoints

In: BIBFRAME, RDA/RDF
and JSON-LD

Discovery

Improved discoverability of the catalogue by search engine

Ex Libris Linked Data Roadmap 2021

Exposure

Improve Visibility on the Web

Allowing institution to get most of making their catalog available in search engines



Cataloging

Ability to store and have basic use for Linked Data records

User will be able to upload and search for records cataloged as linked data

Integrate 3rd party Linked Data editor

Cataloger will be able to create new linked data records and store them in Alma for used with basic functionality (e.g. Sinopia, LC BIBFRAME editors)

Thank you!

