Linked Data Support in Primo

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Linked Data in Discovery

Seamlessly enrich the user interface with linked open data from external sources related to the records discovered.

Expose library records in common schemas to be consumed by external LD sources and indexed by Internet search engines.
End User Function Enablement

- Discuss use-cases for patron functionality
- Load Data to PNX
- Expose basic use-case of Linked Data functionality in New Primo UI
- Allow the community to explore and expose additional functionality using the Open Discovery Framework
Linked Data Flow: Alma and Primo

**Alma**
- Calculate URI’s to LD services
- Publish enriched metadata

**Primo**
- Load enriched URI metadata
- Retrieve relevant external data
- Embed external data in the user interface

**External Services**
- VIAF
- Library Of Congress
- GND
- Others
Published URI's

LDR 01135cam a22003257a 4500
001 9958760040001701
005 20140818180458.0
008 060216s2006 nyua b 001 0 eng d
020 ___ |a 0387310738 (hd.bd.)
|0 (uri) http://www.isbnsearch.org/isbn/0387310738
100 1_ |a Bishop, Christopher M.
|0 (uri) http://viaf.org/viaf/sourceID/LC|n50029708
|0 (uri) http://id.loc.gov/authorities/names/n50029708
245 14 |a Pattern recognition and machine learning |c Christopher M. Bishop.
300 ___ |a xx, 738 p; |c 25 cm
650 _0 |a Pattern perception. |0 (uri) http://id.loc.gov/authorities/subjects/sh85098789
650 _0 |a Machine learning. |0 (uri) http://id.loc.gov/authorities/subjects/sh85079324
URI’s in PNX

<links>

<uri>$$Aisbn$$V0387310738$$U(.uri)
http://www.isbnsearch.org/isbn/0387310738</uri>

<uri>$$Acreatorcontrib$$VChristopher M$$U(.uri)
http://id.loc.gov/authorities/names/n95083764$$U(uri)
http://viaf.org/viaf/sourceID/LC|n95083764</uri>

<uri>$$Asubject$$VPattern perception$$U(uri)
http://id.loc.gov/authorities/subjects/sh85098789</uri>

<uri>$$Asubject$$VMachine learning$$U(uri)
http://id.loc.gov/authorities/subjects/sh85079324</uri>

</links>
Data Flow – End to End

Pattern recognition and machine learning
Christopher M. Bishop 2006
Available at Main Library Main (Q327)

Sequential methods in pattern recognition and machine learning
Fu. 1968
Online access

Introduction to Pattern Recognition and Machine Learning
M. Narasimha. Mufty Der V. Susheela Devi 2015
Online access
Where Can You Take it Further?

https://github.com/noamamit92/primo-explore-linked-data-demo
• Expose library records in structured data markup on web pages (schema.org) so they can be made searchable by Internet search engines
Thank You