

Linked Data Enrichment Configuration

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Agenda

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- Linked Data Enrichment Configuration
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- A publishing profile with “Linked Data Enrichment”
- The published file of records with Linked Data enrichment
- The Linked Data in Alma

Introduction

Introduction

- Institutions can customize linked data enrichment for MARC records by selecting the authorities they wish to enrich and designate the appropriate subfield (\$0 / \$1).
- Additionally, institutions can opt to incorporate Virtual International Authority File (VIAF) URIs and include supplementary authorities for enrichment, such as local authorities supporting URIs (Uniform Resource Identifiers).
- This enables institutions to exercise enhanced control over the linked data enrichment process for MARC records.

Introduction

- The enrichment process is configured in an editable mapping table (Configuration > Resources > Linked Data Enrichment Configuration > General) for name and subject authorities that enable the following configurations:
 - Enable/Disable VIAF for name authorities, as a second URI for authorities that are mapped in VIAF and displayed in the enrichment table.
 - Selecting a subfield \$0 or \$1 for each URI.
 - Priority is given to URIs added manually in the Metadata Editor and/or with Alma Refine.
 - Users can add rows for additional authorities (local or Community Zone) where they manually add the Alma source code and the VIAF source code.

Introduction

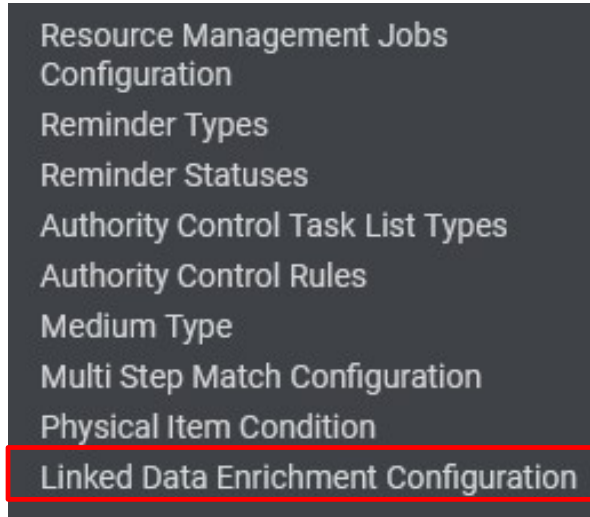
- Note that to see the “Linked Data Enrichment Configuration” menu entry the staff user needs role "Repository Administrator".

[https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_\(English\)/Metadata_Management/210Metadata_Management_Configuration/Linked_Data_Enrichment_Configuration](https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/Metadata_Management/210Metadata_Management_Configuration/Linked_Data_Enrichment_Configuration)

Linked Data Enrichment Configuration

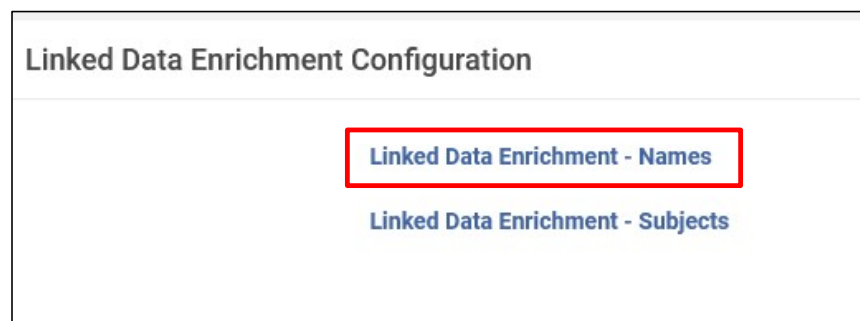
Linked Data Enrichment Configuration

- We edit “Linked Data Enrichment Configuration” at Configuration > Resources > General”.



Linked Data Enrichment Configuration

- We will choose “Linked Data Enrichment - Names”



Linked Data Enrichment Configuration

- For LCNAMES we will leave the default such that the uri will be added to subfield 0 and VIAF Links will be included also in subfield 0

Enabled : All




| Enabled | Authority Source Code | Authority URI | Subfield for URI | Add VIAF Links | Subfield for VIAF | Updated By | Last Updated | |
|-------------------------------------|-----------------------|---|------------------|----------------|-------------------|------------|--------------|-----|
| <input checked="" type="checkbox"/> | GND | https://d-nb.info/gnd | \$0 | True | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | BARE | https://authority.bibs | \$0 | False | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | FAST | http://id.worldcat.org | \$0 | False | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | MESH | http://id.nlm.nih.gov/ | \$0 | False | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | EUROVOC | http://eurovoc.europ | \$0 | False | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | NLI | https://open-eu.host | \$0 | False | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | LCNAMES | http://id.loc.gov/auth | \$0 | True | \$0 | - | - | ... |
| <input checked="" type="checkbox"/> | HKCAN | http://hkcan.julac.org | \$0 | False | \$0 | - | - | ... |

The sample record to see published with Linked Data

The sample record to see published with Linked Data


- We have a set which includes title "Revolution from within : a book of self-esteem / Gloria Steinem"

The screenshot shows a library catalog interface. At the top, a search bar contains the text "Set Name Revolution from within a book of self-esteem (1 - 1 of 1)". Below the search bar, there are sorting options: "Sort by: Rank", "Secondary sort by: Rank", and "Expand: Select a value". The main record area displays the following information:

| | | |
|---|---|---|
| <p>1 <input type="checkbox"/>  Revolution from within : a book of self-esteem / Gloria Steinem. Book (Book - Physical) text; unmediated; volume By Steinem, Gloria. (Boston : Little, Brown and Company, [1992]) Subject Self-perception. ; Self Concept ; Estime de soi. and others Modification Date 04/18/2024 18:38 Edition First edition.</p> <p><input type="checkbox"/> P ● Physical (1)</p> | <p>Language English Creation Date 04/18/2024 18:29 ISBN 0316812404 and others Record Number (OCoLC)23286152 and others MMS ID 99183510000121 Bibliographic Rank 101</p> | <p> Holdings (1) ▾  Items (1 of 1 available) ▾</p> <p>Edit Record ...</p> |
|---|---|---|

The sample record to see published with Linked Data

- This record includes a 100 field with a heading linked to LCNAMES authority vocabulary. In the 100 field there are no occurrences of subfield 0.

| | | |
|---|-----|--|
| 035 | | \$\$a (OCoLC)ocm23286152# |
| 050 | 0 0 | \$\$a BF697.5.S46 \$\$b S74 1992 |
| 055 | 4 | \$\$a BF697.5 S46 \$\$b S85 |
| 060 | 4 | \$\$a BF 697.5.S46 S822r 1992 |
| 082 | 0 0 | \$\$a 155.2 \$\$2 20 |
|  084 | | \$\$a MS 3000 \$\$2 rvk |
|  100 | 1 | \$\$a Steinem, Gloria. |
| 245 | 1 0 | \$\$a Revolution from within : \$\$b a book of self-esteem / \$\$c Gloria Steinem. |
| 250 | | \$\$a First edition. |
| 264 | 1 | \$\$a Boston : \$\$b Little, Brown and Company, \$\$c [1992] |
| 264 | 4 | \$\$c ©1992 |
| 300 | | \$\$a 379 pages ; \$\$c 25 cm |
| 336 | | \$\$a text \$\$b txt \$\$2 rdacontent |
| 337 | | \$\$a unmediated \$\$b n \$\$2 rdamedia |

A publishing profile with “Linked Data Enrichment”

A publishing profile with “Linked Data Enrichment”

- We have a publishing profile which publishes the set which includes this record we have just looked at.
- The publishing profile publishes in MARC 21 bibliographic format

Content

Set name * **Revolution from within a book of self-esteem** X ☰ ↻

Additional set name Select from a list ☰

Publish the entire repository ⓘ

Filter out the data using ⓘ

Publish on: **Bibliographic level**

Output format **MARC21 Bibliographic**

A publishing profile with “Linked Data Enrichment”

- The publishing profile includes “Linked Data Enrichment”

← Publishing Profile Details Republish Run Cancel Save

Profile Details | Data Enrichment

Bibliographic Normalization

Correct the data using normalization processes

Linked Data enrichment

The published file of records with Linked Data enrichment

The published file of records with Linked Data enrichment

- The publishing profile runs, and the output is on the ftp server.

| Filename | Filesize | Filetype | Last modified | Permis... | Owner/... |
|---|----------|----------|----------------------|-----------|-----------|
| .. | | | | | |
| sqa-na03_2024041815_3981694850000121_new.xml.tar.gz | 1,506 | GZ File | 4/18/2024 6:49:32 PM | -rwxrw... | 0 0 |

The published file of records with Linked Data enrichment

- The 100 field appears as follows.
- It includes two occurrences of subfield 0
 - one for LCNAMES
 - one for VIAF

```
</datafield>  
▼ <datafield tag="100" ind1="1" ind2=" " >  
  <subfield code="a">Steinem, Gloria.</subfield>  
  <subfield code="0">http://id.loc.gov/authorities/names/n83074143</subfield>  
  <subfield code="0">http://viaf.org/viaf/79036189</subfield>  
</datafield>
```

The published file of records with Linked Data enrichment

- The 100 field in the Alma record:

| | |
|-----|------------------------|
| 100 | 1_ a Steinem, Gloria. |
|-----|------------------------|

- No link to LCNAMES
- No link to VIAF

- The 100 field in the published record:


- Includes link to LCNAMES
- Includes link to VIAF

```
</datafield>  
▼ <datafield tag="100" ind1="1" ind2=" " >  
  <subfield code="a">Steinem, Gloria.</subfield>  
  <subfield code="0">http://id.loc.gov/authorities/names/n83074143</subfield>  
  <subfield code="0">http://viaf.org/viaf/79036189</subfield>  
</datafield>
```

The published file of records with Linked Data enrichment

- Here is (part of) the link to LCNAMES

Steinem, Gloria

URI(s)
- <http://id.loc.gov/authorities/names/n83074143> 



Additional Information
- <http://id.loc.gov/rwo/agents/n83074143>








- **Birth Date**
1934-03-25

- **Associated Language**
English

- **Occupation**
Authors
Lecturers
Political activists
Feminists

Additional Related Forms
- Voters for Choice (Washington, D.C.)

Exact Matching Concepts from Other Schemes
-  <http://viaf.org/viaf/sourceID/LC%7Cn++83074143#skos:Concept> 

Closely Matching Concepts from Other Schemes
 [Gloria Steinem](#)   *Label from public data source Wikidata*
 [Steinem, Gloria](#) 
 [Steinem, Gloria](#) 

The published file of records with Linked Data enrichment

- Here is (part of) the link to VIAF

The image displays a software window titled "Preferred Forms" with a list of record formats for Gloria Steinem. Each entry includes a small flag icon, a format code, and a link to the record. The formats listed are:


- 100 0 _ [†a_Gloria Steinem](#)
- 200 _ 1 [†a_Steinem †b_Gloria †f_1934-](#)
- 200 _ | [†a_Steinem †b_Gloria †f_1934-....](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria](#)
- 100 1 _ [†a_Steinem, Gloria †d_\(1934-\)](#)

To the right of the window is a circular network diagram. It features a central point with numerous lines radiating outwards to a ring of nodes. Each node is accompanied by a small flag or logo, representing different countries and library systems. Visible flags include those of the United States, Canada, United Kingdom, France, Germany, Italy, Spain, Portugal, Brazil, Mexico, and others. Some nodes also feature logos for specific library systems like "ONB", "B", "NII", and "revo".



The Linked Data in Alma



The Linked Data in Alma

- Let's take a look at the Linked Data in Alma

1  **Revolution from within : a book of self-esteem / Gloria Steinem.**
Book (Book - Physical) text; unmediated; volume
By Steinem, Gloria. (Boston : Little, Brown and Company, [1992])
Subject Self-perception. ; Self Concept ; Estime de soi. and others
Modification Date 04/18/2024 18:38
Edition First edition.

Language English
Creation Date 04/18/2024 18:29
ISBN 0316812404 and others
Record Number (OCoLC)23286152 and others
MMS ID 99183510000121
Bibliographic Rank 101

 Holdings (1) ▾
 Items (1 of 1 available) ▾

  Physical (1)

Edit Record ...

- View Record
- Order
- Request
- Resource Sharing Request
- Add To Reading List
- Push to MDE
- Add Holdings
- Add To Collection
- Add Reminder
- Add Representation
- Add Local Portfolio
- Linked Data**
- Display In Discovery

The Linked Data in Alma

- It also includes the link to LCNAMES and VIAF

< Linked Data List Back

| | | |
|--------------|---|--------------------|
| dido:oclcnum | http://www.worldcat.org/oclc/1201916533 | (OCoLC)1201916533 |
| bibo:oclcnum | http://www.worldcat.org/oclc/1102219909 | (OCoLC)1102219909 |
| bibo:oclcnum | http://www.worldcat.org/oclc/1089840161 | (OCoLC)1089840161 |
| bibo:oclcnum | http://www.worldcat.org/oclc/1042095623 | (OCoLC)1042095623 |
| bibo:oclcnum | http://www.worldcat.org/oclc/680116397 | (OCoLC)680116397 |
| bibo:oclcnum | http://www.worldcat.org/oclc/679660865 | (OCoLC)679660865 |
| bibo:oclcnum | http://www.worldcat.org/oclc/503184175 | (OCoLC)503184175 |
| bibo:oclcnum | http://www.worldcat.org/oclc/44714237 | (OCoLC)44714237 |
| dct:creator | http://id.loc.gov/authorities/names/n83074143 | Steinem, Gloria. |
| dct:creator | http://viaf.org/viaf/79036189 | Steinem, Gloria. |
| dct:subject | https://d-nb.info/gnd/041315227 | Selbsteinschätzung |
| dct:subject | https://d-nb.info/gnd/04180807X | Selbstachtung |

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