

# Extracting Linked Data from Alma via the general publishing profile



## Agenda

- Introduction
- The sample bibliographic record
- The publishing profile
- The output with Linked Data

# Introduction

# Introduction

- The General Publishing Profile in Alma allows the institutions to publish (export data) in various formats to third-party systems, and to enrich the data as it is exported.
- The data can be both bibliographic as well as authority and can be enriched in various ways when published.
- This presentation will focus on publishing bibliographic data and enriching the data with Linked Data when it is published.

## Introduction

- When Linked Data is added to the published record it is added in the form of a Uniform Resource Identifier (URI).
- The URI is added for each heading which is linked to an authority record. The headings which include linked data must be linked to an authority record.
- These URIs are an essential part of the linked data that might be used to retrieve new information from related entities.
- In a Linked Data context, the user would follow the links and “crawl” from one data description to another.
- For an extensive list of authority vocabularies for which Alma adds a URI see the “Enrichment” section at [Linked Data](#).

# Introduction

- In this presentation we will first look at a sample record which has many headings linked to a wide variety of authority vocabularies.
- We will then publish the record using the General Publishing profile with Linked Data Enrichment.
- We will then look at the output file and see the URIs added to the subfield 0 of the relevant fields.
- Finally, we will see what data those URIs bring by pasting them into the URL search bar of a browser.
- The data brought by the URIs could be used in an application taking advantage of the Linked Open Data.

# Introduction

- In addition to this presentation see also:
  - [Creating a General Publishing Profile](#)
  - [Linked Data](#)
  - [Working with Authority Records](#)

# The sample bibliographic record



## The sample bibliographic record

- To see how headings from a bibliographic record get enriched with Linked data during publishing, we will look at one specific record and see what happens with the headings.
- The sample record which we will look at includes headings which are linked to a wide variety of authority vocabularies.
- The title of the record is "Homo Deus : techno-humanism vs dataism and the place of information in society : lectio magistralis in Library science / by Philip E. Schreur."






# The sample bibliographic record

- Here is a 100 field and 600 field linked to the LCNAMES (Library of Congress Names) authority vocabulary

|   |     |   |  |
|---|-----|---|--|
| 082   | 1   | 4 | SSa 021 SS2 14   |
|    | 100 | 1 | SSa Schreur, Philip Evan, SSe author.  |
| 245   | 1   | 0 | SSa Homo Deus : SSb techno-humanism vs dataism and the place of information in society : lectio magistralis in Library science / SSC by Philip E. Schreur. |
| 250   |     |   | SSa Prima edizione.  |
| 264   | 1   |   | SSa Fiesole (Firenze) : SSb Casalini Libri, SSC 2023.  |
| 300   |     |   | SSa 51 pages ; SSC 24 cm.  |
| 490   | 0   |   | SSa Letture magistrali in biblioteconomia ; SSv XVI  |
| 500   |     |   | SSa Lecture held in Florence, Italy, March 7, 2023.  |
| 546   |     |   | SSa Text in English with Italian translation; abstract in English and Italian.   |
|  | 650 | 0 | SSa Information science.   |
|  | 650 | 0 | SSa Information technology.  |
|  | 650 | 0 | SSa Metadata.  |
|  | 650 | 0 | SSa Information society.   |
|  | 600 | 1 | 0 SSa Harari, Yuval N. SS: Historyah shel ha-mahar.  |
|  | 650 | 2 | SSa Information Technology.  |

## The sample bibliographic record

- Here are 650\_0 fields linked to the LCSH (Library of Congress Subject Headings) authority vocabulary

|   |     |     |  |
|---|-----|-----|--|
| 546   |     |     | \$\$a Text in English with Italian translation; abstract in English and Italian. |
|  | 650 | 0   | \$\$a Information science.   |
|  | 650 | 0   | \$\$a Information technology.  |
|  | 650 | 0   | \$\$a Metadata.  |
|  | 650 | 0   | \$\$a Information society.   |
|  | 600 | 1 0 | \$\$a Harari, Yuval N. \$\$t Historyah shel ha-maḥar.                            |



## The sample bibliographic record

- Here is a 650\_2 field linked to the MESH (Medical Subject Headings) authority vocabulary

|   |   |
|---|---|
|  600 1 0 | \$\$a Harari, Yuval N. \$\$t Historyah shel ha-maḥar.             |
|  650 2   | \$\$a Information Technology.                                     |
|  650 7   | \$\$a Bibliotecas \$\$x Tecnología de la información. \$\$2 embne |




## The sample bibliographic record

- Here is a 650\_7 field with subfield 2 “embne” linked to the National Library of Spain (SpMaBN) authority vocabulary. This was added in Nov. 2023.

|   |   |   |
|---|---|---|
|  650 | 2 | \$\$a Information Technology.                                     |
|  650 | 7 | \$\$a Bibliotecas \$\$x Tecnología de la información. \$\$2 embne |
|  650 | 7 | \$\$a Information technology. \$\$9 eng \$\$2 eurovoc             |





## The sample bibliographic record

- Here is a 650\_7 field with subfield 2 “eurovoc” linked to the European Union Vocabularies vocabulary. This was added in Aug. 2023.

|   |   |   |
|---|---|---|
|  650 | 7 | \$\$a Bibliotecas \$\$x Tecnología de la información. \$\$2 embne |
|  650 | 7 | \$\$a Information technology. \$\$9 eng \$\$2 eurovoc             |
|  650 | 7 | \$\$a Bibliothèques techniques. \$\$2 idref                       |




## The sample bibliographic record

- Here are 650\_7 fields with subfield 2 "idref" linked to the IdRef - Identifiants et référentiels pour l'Enseignement supérieur et la Recherche vocabulary. This was added in Feb. 2023.

|   |   |   |
|---|---|---|
|  650 | 7 | \$\$a Information technology. \$\$9 eng \$\$2 eurovoc |
|  650 | 7 | \$\$a Bibliothèques techniques. \$\$2 idref           |
|  650 | 7 | \$\$a Informatique. \$\$2 idref                       |
|  650 | 7 | \$\$a Informationstechnik. \$\$2 gnd                  |

## The sample bibliographic record




- Here is a 650\_7 field with subfield 2 "gnd" linked to the Gemeinsame Normdatei (Integrated Authority File) of the Deutsche Nationalbibliothek vocabulary

|   |   |  |
|---|---|--|
|  650 | 7 | \$\$a Informatique. \$\$2 idref                |
|  650 | 7 | \$\$a Informationstechnik. \$\$2 gnd           |
|  650 | 7 | \$\$a Information science. \$\$9 lat \$\$2 nli |









## The sample bibliographic record

- Here is a 650\_7 field with subfield 2 "nli" linked to the National Library of Israel vocabulary

|   |   |   |
|---|---|---|
|  650 | 7 | \$\$a Informationstechnik. \$\$2 gnd            |
|  650 | 7 | \$\$a Information science. \$\$\$ lat \$\$2 nli |
|  650 | 7 | \$\$a Information science \$\$2 fast            |



## The sample bibliographic record

- Here are 650\_7 fields with subfield 2 "fast" linked to the Faceted Application of Subject Terminology vocabulary

|   |   |  |
|---|---|--|
|  650 | 7 | \$\$a Information science. \$\$9 lat \$\$2 nli |
|  650 | 7 | \$\$a Information science \$\$2 fast           |
|  650 | 7 | \$\$a Information society \$\$2 fast           |
|  650 | 7 | \$\$a Information technology \$\$2 fast        |
|  650 | 7 | \$\$a Metadata \$\$2 fast                      |
|  655 | 7 | \$\$a Academic theses. \$\$2 lcgft             |

## The sample bibliographic record

- Here is a 655\_7 field with subfield 2 "lcgft" linked to the Library of Congress Genre/Form Terms vocabulary

|   |     |  |
|---|-----|--|
|  650 | 7   | \$\$a Metadata \$\$2 fast                    |
|  655 | 7   | \$\$a Academic theses. \$\$2 lcgft           |
| 700   | 1 2 | \$\$a Schreur, Philip Evan. \$\$b Homo Deus. |

# The sample bibliographic record

|     |     |  |
|-----|-----|--|
| 100 | 1   | SSa Schreur, Philip Evan, SSa author.  |
| 245 | 1 0 | SSa Homo Deus : SSb techno-humanism vs dataism and the place of information in society : lectio magistralis in Library science / SSa by Philip E. Schreur. |
| 250 |     | SSa Prima edizione.  |
| 264 | 1   | SSa Fiesole (Firenze) : SSb Casalini Libri, SSa 2023.  |
| 300 |     | SSa 51 pages ; SSa 24 cm.  |
| 490 | 0   | SSa Letture magistrali in biblioteconomia ; SSv XVI  |
| 500 |     | SSa Lecture held in Florence, Italy, March 7, 2023.  |
| 546 |     | SSa Text in English with Italian translation; abstract in English and Italian.   |
| 650 | 0   | SSa Information science.   |
| 650 | 0   | SSa Information technology.  |
| 650 | 0   | SSa Metadata.  |
| 650 | 0   | SSa Information society.   |
| 800 | 1 0 | SSa Harari, Yuval N. SSa Historyah shel ha-mahar.  |
| 650 | 2   | SSa Information Technology.  |
| 650 | 7   | SSa Bibliotecas SSx Tecnología de la información. SS2 embne  |
| 650 | 7   | SSa Information technology. SS9 eng SS2 eurovoc  |
| 650 | 7   | SSa Bibliothèques techniques. SS2 idref  |
| 650 | 7   | SSa Informatique. SS2 idref  |
| 650 | 7   | SSa Informationstechnik. SS2 gnd   |
| 650 | 7   | SSa Information science. SS9 lat SS2 nli   |
| 650 | 7   | SSa Information science SS2 fast   |
| 650 | 7   | SSa Information society SS2 fast   |
| 650 | 7   | SSa Information technology SS2 fast  |
| 650 | 7   | SSa Metadata SS2 fast  |
| 655 | 7   | SSa Academic theses. SS2 logft   |

LCNAMES

LCSH

MESH

National Library of Spain (SpMaBN)

European Union Vocabularies

IdRef - Identifiants et référentiels pour l'Enseignement supérieur et la Recherche

Deutsche Nationalbibliothek

National Library of Israel

Library of Congress Genre/Form Terms vocabulary

Faceted Application of Subject Terminology

# The publishing profile

## The publishing profile

- As previously stated, the General Publishing Profile in Alma allows the institutions to publish (export data) in various formats to third-party systems, and to enrich the data as it is exported.
- To include linked data in the published records the checkbox “Linked Data Enrichment” should be checked in the “Data Enrichment” tab.
- To publish the records in MARC21 format with the linked data check the “Linked Data Enrichment” box in the “Data Enrichment” tab.
  - This will add the \$\$0 (subfield zero) with linked data URIs to certain records when publishing. This is relevant only when the output format is MARC. When the output format is RDA/RDF the Linked data enrichment check box is automatically selected.

# The publishing profile

The screenshot displays the 'Profile Details' tab of a publishing profile configuration. It is divided into three main sections: Profile Details, Publishing Parameters, and Content. The Profile Name is 'Linked Data Enrichment', the Content Type is 'Bibliographic', and the Status is 'Active'. The Publishing Parameters section shows 'Not scheduled' and 'Email Notifications' options. The Content section shows a 'Set name' of 'homo deus techno humanism' and an 'Output format' of 'MARC21 Bibliographic'.

**Profile Details**

Content Type **Bibliographic**

Profile Name \* **Linked Data Enrichment**

Profile Description

**Publishing Parameters**

Status  Active  Inactive

Scheduling **Not scheduled** [Edit Scheduling](#)

[Email Notifications](#)

**Content**

Set name \* **homo deus techno humanism**

Additional set name [Select from a list](#)

Publish the entire repository

Filter out the data using

Publish on: **Bibliographic level**

Output format **MARC21 Bibliographic**

On the "Profile Details" tab we have named the publishing profile "Linked Data Enrichment"

We will be working on a set of one record which includes the title we showed here in the "The sample bibliographic record" section

We have chosen output format "MARC21 Bibliographic"

# The publishing profile

**Publishing Protocol**

FTP

FTP configuration \* Ex Libris Secure FTP Service

Sub-directory Linked Data Enrichment

Include all records each time file is published

Disable file compression

Compressed file extension tar.gz

Physical format XML

Number of records in file 1000

Use default file name  No  Yes

File name prefix \* Linked\_Data\_Enrichment

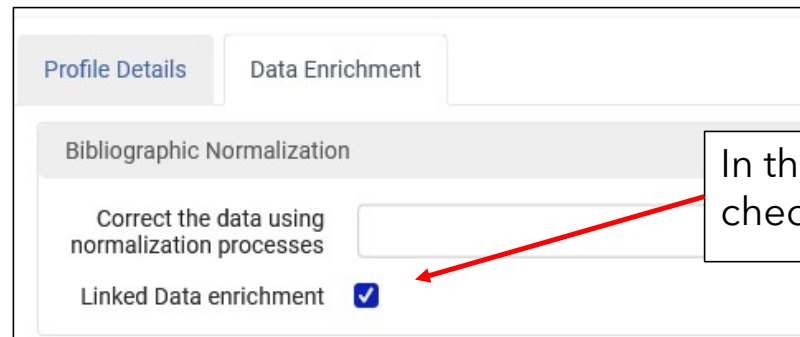
We will be publishing to FTP to a subdirectory "Linked Data Enrichment"

We have chosen physical format XML

The file name prefix will be Linked\_Data\_Enrichment



# The publishing profile



Profile Details Data Enrichment

Bibliographic Normalization

Correct the data using normalization processes

Linked Data enrichment

In the "Data Enrichment" tab we have checked "Linked Data enrichment"

# The output with Linked Data

# The output with Linked Data

- The General Publishing Profile has run, and the output file is on the FTP server in the specified subdirectory with the specified file name prefix

As specified in the publishing profile we published to FTP to a subdirectory "Linked Data Enrichment"

| Filename   | Filesize | Filetype | Last modified        | Permis... | Owner/... |
|--|----------|----------|----------------------|-----------|-----------|
| ..   |          |          |                      |           |           |
| Linked_Data_Enrichment_2024033115_7702909930000121_ne... | 1,456    | GZ File  | 3/31/2024 6:16:08 PM | -rwxrw... | 0 0       |

As specified in the publishing profile the file name prefix is Linked\_Data\_Enrichment

## The output with Linked Data

- In the output file we can see that the URIs have been added to the relevant fields in subfield 0. Here are two URIs for the 100 field.

```
<datafield tag="100" ind1="1" ind2=" ">
  <subfield code="a">Schreur, Philip Evan,</subfield>
  <subfield code="e">author.</subfield>
  <subfield code="0">http://id.loc.gov/authorities/names/n89628077</subfield>
  <subfield code="0">http://viaf.org/viaf/sourceID/LC|n89628077</subfield>
</datafield>
<datafield tag="245" ind1="1" ind2="0">
  <subfield code="a">Homo Deus :</subfield>
  <subfield code="b">techno-humanism vs dataism and the place of information in society : lectio magistralis in Library science /
  </subfield>
  <subfield code="c">by Philip E. Schreur.</subfield>
</datafield>
```







# The output with Linked Data


- Here is (part of) the first URI <http://id.loc.gov/authorities/names/n89628077> for the 100 field <subfield code="a">Schreur, Philip Evan,</subfield>


The screenshot shows the Library of Congress Linked Data Service interface. At the top left is the 'LIBRARY OF CONGRESS' logo. To the right is a search bar with 'id.loc.gov' and a 'Linked Data Services' dropdown menu. Below the header is a breadcrumb trail: 'The Library of Congress > Linked Data Service > LC Name Authority File (LCNAF)'. The main content area is titled 'Schreur, Philip Evan'. It lists the URI 'http://id.loc.gov/authorities/names/n89628077' with a copy icon. Under 'Additional Information', it shows 'http://id.loc.gov/rwo/agents/n89628077', 'Birth Date: 1957-09-06', and 'Has Affiliation: Organization: Stanford University'. On the right, a 'Contributor To Works' panel shows '2 resources' with a 'filter' input and 'Page 1 of 1' navigation. The list includes 'Schreur, Philip Evan Homo Deus' and 'Tractatus figurarum'. A yellow callout box at the bottom right states: '100 field linked to the LCNAMES (Library of Congress Names) authority vocabulary'.


## The output with Linked Data


- Here is (part of) the second URI <http://viaf.org/viaf/sourceID/LC|n89628077> for the 100 field <subfield code="a">Schreur, Philip Evan,</subfield>

Schreur, Philip Evan      

Philip Schreur bibliotekario merikano 

Schreur, Philip Evan, musicologue 


Schreur, Philip E 


Schreur, Philip Evan 1957- 


VIAF ID: 12358584 ( Personal )  
Permalink: <http://viaf.org/viaf/12358584>


100 field linked to the LCNAMES (Library of Congress Names) authority vocabulary

**Preferred Forms**

 100 0 \_ †a [Philip Schreur †c bibliotekario merikano](#)

 200 \_ | †a [Schreur †b Philip Evan](#)

 200 \_ 1 †a [Schreur †b Philip Evan †f 1957-](#)



# The output with Linked Data

```
<datafield tag="650" ind1=" " ind2="2">
  <subfield code="a">Information Technology.</subfield>
  <subfield code="0">http://id.nlm.nih.gov/mesh/D000073256</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Bibliotecas</subfield>
  <subfield code="x">Tecnología de la información.</subfield>
  <subfield code="2">embne</subfield>
  <subfield code="0">https://datos.bne.es/tema/XX775438</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Information technology.</subfield>
  <subfield code="9">eng</subfield>
  <subfield code="2">eurovoc</subfield>
  <subfield code="0">http://eurovoc.europa.eu/5188</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Bibliothèques techniques.</subfield>
  <subfield code="2">idref</subfield>
  <subfield code="0">https://www.idref.fr/033543054</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Informatique.</subfield>
  <subfield code="2">idref</subfield>
  <subfield code="0">https://www.idref.fr/114596476</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Informationstechnik.</subfield>
  <subfield code="2">gnd</subfield>
  <subfield code="0">http://d-nb.info/gnd/040269264</subfield>
```

- Here are some of the URIs for the 650 fields



# The output with Linked Data

```
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Information science.</subfield>
  <subfield code="9">lat</subfield>
  <subfield code="2">nli</subfield>
  <subfield code="0">https://open-eu.hosted.exlibrisgroup.com/alma/972NNL\_INST/authorities/987007550614705171.jsonld</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Information science</subfield>
  <subfield code="2">fast</subfield>
  <subfield code="0">http://id.worldcat.org/fast/972640</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Information society</subfield>
  <subfield code="2">fast</subfield>
  <subfield code="0">http://id.worldcat.org/fast/972767</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Information technology</subfield>
  <subfield code="2">fast</subfield>
  <subfield code="0">http://id.worldcat.org/fast/973089</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">Metadata</subfield>
  <subfield code="2">fast</subfield>
  <subfield code="0">http://id.worldcat.org/fast/1017519</subfield>
</datafield>
<datafield tag="655" ind1=" " ind2="7">
  <subfield code="a">Academic theses.</subfield>
  <subfield code="2">lcgft</subfield>
  <subfield code="0">http://id.loc.gov/authorities/genreForms/gf2014026039</subfield>
</datafield>
```

- Here are some more of the URIs for the 650 fields, as well as the URI for the 655 field



## The output with Linked Data

- Here is part of the URI <http://id.nlm.nih.gov/mesh/D000073256> for the 650 field <subfield code="a">Information Technology.</subfield>

## Medical Subject Headings **RDF**

[Home](#) [SPARQL Query Editor](#) [Lookup](#) [Documentation](#) [Sample Queries](#) [Download](#) [API](#) [MeSH Home](#)

**About:** [Information Technology](#) 

<http://id.nlm.nih.gov/mesh/D000073256>

**Type:** [MeSH TopicalDescriptor](#)

Topical Descriptors indicate the subject of an indexed item such as a journal article. See D063926, 'Drug Hypersensitivity Syndrome', for an example. [more types...](#)

650\_2 field linked to the MESH (Medical Subject Headings) authority vocabulary

## The output with Linked Data

- Here is part of the URI <https://datos.bne.es/tema/XX775438> for the 650 field <subfield code="a">Bibliotecas</subfield>

| Bibliotecas--Tecnología de la información |  |
|---|--|
| <b>Término aceptado</b>                   | [es] Bibliotecas--Tecnología de la información   |
| <b>semanticRelation</b>                   | <a href="http://datos.bne.es/resource/XX524917">http://datos.bne.es/resource/XX524917</a><br><a href="http://datos.bne.es/resource/XX4357184">http://datos.bne.es/resource/XX4357184</a> |

650\_7 field with subfield 2 "embne" linked to the National Library of Spain (SpMaBN) authority vocabulary

## The output with Linked Data


- Here is part of the URI <http://eurovoc.europa.eu/5188> for the 650 field  
<subfield code="a">Information technology.</subfield>


```
<rdf:RDF>
  <rdf:Description rdf:about="http://eurovoc.europa.eu/3636">
    <skos:related rdf:resource="http://eurovoc.europa.eu/5188"/>
  </rdf:Description>
  <rdf:Description rdf:about="http://eurovoc.europa.eu/1376">
    <skos:related rdf:resource="http://eurovoc.europa.eu/5188"/>
  </rdf:Description>
  <rdf:Description rdf:about="http://eurovoc.europa.eu/5188">
    <rdf:type rdf:resource="http://eurovoc.europa.eu/schema#ThesaurusConcept"/>
    <rdf:type rdf:resource="http://www.w3.org/2004/02/skos/core#Concept"/>
    <dcterms:created rdf:datatype="http://www.w3.org/2001/XMLSchema#date">1995-10-02</dcterms:created>
    <dcterms:modified rdf:datatype="http://www.w3.org/2001/XMLSchema#date">2018-08-07</dcterms:modified>
    <owl:versionInfo>n/a</owl:versionInfo>
    <skos:inScheme rdf:resource="http://eurovoc.europa.eu/100141"/>
    <skos:inScheme rdf:resource="http://eurovoc.europa.eu/100221"/>
  </rdf:Description>
</rdf:RDF>
```

650\_7 field with subfield 2 "eurovoc" linked to the European Union Vocabularies vocabulary

## The output with Linked Data

- Here is part of the URI <https://www.idref.fr/033543054> for the 650 field <subfield code="a">Bibliothèques techniques.</subfield>

Identifiant pérenne de la notice : 033543054 

URI de l'entité : <http://www.idref.fr/033543054/id> 

Notice de type Rameau

**Point d'accès autorisé**

Bibliothèques techniques


**Variantes de point d'accès**


Bibliothèques technologiques [Nom commun]  
Technique -- Bibliothèques [Nom commun]  
Technologie -- Bibliothèques [Nom commun]

650\_7 fields with subfield 2 "idref" linked to the IdRef - Identifiants et référentiels pour l'Enseignement supérieur et la Recherche vocabulary

## The output with Linked Data

- Here is part of the URI <https://www.idref.fr/114596476> for the 650 field <subfield code="a">Informatique.</subfield>

Identifiant pérenne de la notice : 114596476 

URI de l'entité : <http://www.idref.fr/114596476/id> 

Notice de type FMeSH

**Point d'accès autorisé**

Informatique

**Informations**

Note publique d'information :  
The field of information science concerned with the analysis and dissemination of data through the application of computers

650\_7 fields with subfield 2 "idref" linked to the IdRef - Identifiants et référentiels pour l'Enseignement supérieur et la Recherche vocabulary

# The output with Linked Data


- Here is part of the URI  
[https://open-eu.hosted.exlibrisgroup.com/alma/972NNL\\_INST/authorities/987007550614705171.jsonld](https://open-eu.hosted.exlibrisgroup.com/alma/972NNL_INST/authorities/987007550614705171.jsonld)  
for the 650 field <subfield code="a">Information science.</subfield>

|                  |   |
|------------------|---|
| ▼ subject:       |   |
| preferred_label: | "علم المعلومات"   |
| ▼ see_also:      |   |
| 0:               | "Information literacy"  |
| 1:               | "Communication"   |
| ▼ @id:           | " <a href="https://open-eu.hosted.exlibrisgroup.com/alma/972NNL_INST/authorities/987007550614705171">https://open-eu.hosted.exlibrisgroup.com/alma/972NNL_INST/authorities/987007550614705171</a> " |
| ▼ source:        | "LC database, Feb. 20, 1998 (informatics 15 times more likely on a computer science book than on an information science book)"  |
| title:           | "علم المعلومات"   |
| ▼ @context:      | " <a href="https://open-eu.hosted.exlibrisgroup.com/alma/contexts/authority">https://open-eu.hosted.exlibrisgroup.com/alma/contexts/authority</a> "   |

650\_7 field with subfield 2 "nli" linked to the National Library of Israel vocabulary

# The output with Linked Data

- Here is part of the URI <http://id.worldcat.org/fast/972640> for the 650 field <subfield code="a">Information science</subfield>



FAST Authority File

## Information science

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**INFORMATION ABOUT THE RESOURCE**

SCHEMA.ORG NAME(S):

CONTROLLED HEADING IDENTIFIER:  
<http://id.worldcat.org/fast/972640>

IDENTIFIER:  
972640

TYPE:  
[Intangible](#)

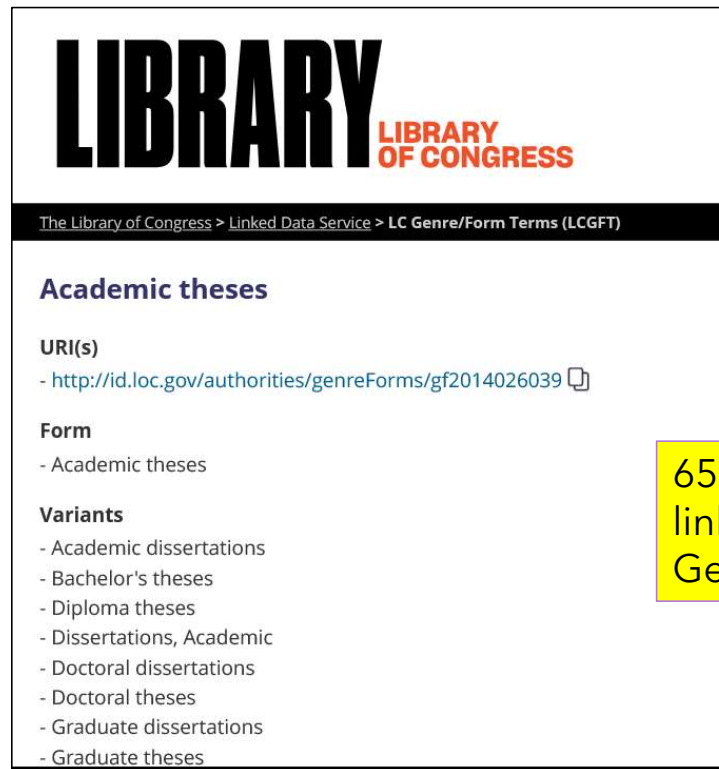
SKOS PREFERRED LABEL:  
Information science

IS IN SKOS SCHEME:  
<http://id.worldcat.org/fast/ontology/1.0/#fast>  
<http://id.worldcat.org/fast/ontology/1.0/#facet-Topical>

650\_7 fields with subfield 2 "fast" linked to the Faceted Application of Subject Terminology vocabulary

# The output with Linked Data

- Here is part of the URI <http://id.loc.gov/authorities/genreForms/gf2014026039> for the 655 field <subfield code="a">Academic theses.</subfield>



The screenshot shows the Library of Congress logo at the top, followed by a breadcrumb trail: "The Library of Congress > Linked Data Service > LC Genre/Form Terms (LCGFT)". The main heading is "Academic theses". Below this, there are three sections: "URI(s)" with a link to the specific URI and a copy icon; "Form" with the text "Academic theses"; and "Variants" with a list of related terms including "Academic dissertations", "Bachelor's theses", "Diploma theses", "Dissertations, Academic", "Doctoral dissertations", "Doctoral theses", "Graduate dissertations", and "Graduate theses".

655\_7 field with subfield 2 "lcgft" linked to the Library of Congress Genre/Form Terms vocabulary



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