

Linked Data and Traditional Chinese Authorities

Yoel Kortick

May 2024





Agenda

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

Introduction

Introduction

- This presentation will focus on sources unique to the Traditional Chinese Authority data from <http://ld.ncl.edu.tw> "Linked Open Data Taiwan @ Library", for example:
 1. Name Authority: <http://ld.ncl.edu.tw/authority> (Code: TWNAF)
 2. Subject term: <http://ld.ncl.edu.tw/subject> (Code: LCSTT)
 3. Classification scheme: <http://ld.ncl.edu.tw/classification> (Code: NCSCLT)
- The sources for each of these authorities is explained on the next slide.

Introduction

- The three sources of the URI enrichment for the Traditional Chinese authorities are in the Alma Community Zone, and are explained in Authority Vocabularies in the Community Zone
 1. The Name Authority TWNAF is the "Taiwan Name Authority File"
 2. The Subject Term LCSTT is the "List of Chinese Subject Terms"
 3. The Classification Scheme NCSCLT is "New classification scheme for Chinese libraries"
- This is beneficial because these are useful sources for institutions cataloging in traditional Chinese, providing users with additional enriched data access points.

The sample bibliographic record

The sample bibliographic record

- Let's take a look at MMSID 99521087800121

084		026.6	ncsclt	A heading linked to the Classification Scheme NCSCLT
097		4033857	al 026.6 0021 YYL	
245	0	0	文化發電機 : 客庄圖書館經營管理指引 / 曾光宗執行總編	
246	1	0	客庄圖書館經營管理指引	
264	1		新北市 : 客家委員會, 2023	
300			51面 : 部分彩圖 ; 24公分	
336			文字 txt rdacontent	
337			無媒介 n rdamedia	
338			成冊 nc rdacarrier	
500			題名取自封面	
504			含參考書目	
650	7		鄉鎮圖書館. lcstt	A heading linked to the Subject Term LCSTT
650	7		圖書館推廣服務. lcstt	
650	7		圖書館管理. lcstt	
650	7		客家. lcstt	
700	1		曾光宗. edt	A heading linked to the Name Authority TWNAF

The sample bibliographic record

- Doing F3 on the 084 (Other Classification Number) field we can see that the heading is connected to NCSCLT

The screenshot shows a library catalog interface. At the top, the title is "文化發電機：客庄圖書館經營管理指引 / 曾光宗執行總編" with the number (99521087800121). Below the title, there is a "Level [99]: [99] Senior librarian and close associates" dropdown menu, a "Record" button, and a "02-N" button. The main field contains the classification number "084" and the text "\$\$a 026.6 \$\$2 ncsclt". Below this, there is a section titled "NCSCLT" with the subtitle "Headings from bibliographic records". A list of headings is displayed, each preceded by a star icon. The heading "026.6 鄉鎮 (市) 立圖書館" is highlighted with a red box.

Classification Number	Heading
026.3	省市立圖書館
026.4	縣市立圖書館
026.6	鄉鎮 (市) 立圖書館
026.7	私立公共圖書館

The sample bibliographic record

- Doing F3 on the 700 (Added Entry - Personal Name) field we can see that the heading is connected to TWNAF

The screenshot shows a bibliographic record interface. At the top, the title is "文化發電機：客庄圖書館經營管理指引 / 曾光宗執行總編" with the ID "(99521087800121)". Below the title, there is a "Level [99]: [99] Senior librarian and close associates" dropdown and a "Record" button. The main field is labeled "700 1" and contains the text "\$\$a 曾光宗. \$\$4 edt". Below this field, there are tabs for "LCNAMES", "NLI", "GND", and "TWNAF", with "TWNAF" highlighted in a red box. Below the tabs, there is a list of headings: "曾光正", "曾光正, (歷史)", "曾光宗", and "曾光宗, (建築工程)". The heading "曾光宗" is highlighted in a red box, indicating it is the selected heading.

The sample bibliographic record

- Doing F3 on the 650 (Subject Added Entry - Topical Term) field we can see that the heading is connected to LCSTT

文化發電機：客庄圖書館經營管理指引 / 曾光宗執行總編 (99521087800121)

Level [99]: [99] Senior librarian and close associates Record 02 - No c

650 7 \$\$a 鄉鎮圖書館. \$\$2 lcstt

LCSTT Headings from bibliographic records

< >

- ★ 鄉土志
- ★ 鄉鎮計畫
- ★ 鄉鎮圖書館
- ★ 享樂主義

The publishing profile

The publishing profile

- We will check the results of a general publishing profile which includes MARC21 format with Linked Data enrichment:

Content

Set name * **99521087800121 Traditional Chinese Authority U** X ☰ ↻

Additional set name ☰

Publish the entire repository

Filter out the data using ☰

Publish on: **Bibliographic level**

Output format **MARC21 Bibliographic**

Profile Details | Data Enrichment

Bibliographic Normalization

Correct the data using normalization processes

Linked Data enrichment

The output with Linked Data

The output with Linked Data

- On the next slide we see examples of the Linked Data enrichment in the output file of the publishing profile.
- The examples we are showing from
 - The 650 subject fields which are linked to the lcstt authority file (List of Chinese Subject Terms)
 - A 700 added entry - personal name field linked to the twnaf authority file (Taiwan Name Authority File)

The output with Linked Data

```
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">鄉鎮圖書館.</subfield> <subfield code="2">lcstt</subfield>
  <subfield code="0">https://ld.ncl.edu.tw/subject/99645</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">圖書館推廣服務.</subfield>
  <subfield code="2">lcstt</subfield>
  <subfield code="0">https://ld.ncl.edu.tw/subject/101327</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">圖書館管理.</subfield>
  <subfield code="2">lcstt</subfield>
  <subfield code="0">https://ld.ncl.edu.tw/subject/101336</subfield>
</datafield>
<datafield tag="650" ind1=" " ind2="7">
  <subfield code="a">客家.</subfield>
  <subfield code="2">lcstt</subfield>
  <subfield code="0">https://ld.ncl.edu.tw/subject/94509</subfield>
</datafield>
<datafield tag="700" ind1="1" ind2=" ">
  <subfield code="a">曾光宗.</subfield>
  <subfield code="4">edt</subfield>
  <subfield code="0">https://ld.ncl.edu.tw/authority/43385</subfield>
</datafield>
```

The output with Linked Data

- Here is the first URL of the Linked Data enrichment (Subject):
<https://ld.ncl.edu.tw/subject/99645>



The screenshot displays the LDT@LIBRARY website interface. At the top, there is a navigation bar with the LDT@LIBRARY logo and the text 'Linked Open Data Taiwan @ Library'. The language is set to '中文 | ENGLISH'. Below the navigation bar, there are links for '臺大圖書館' and '國家圖書館'. The main content area features a dark blue header with the text '鄉鎮圖書館'. Below this header, there are three sections of linked data:

- URI(s):**
 - <https://ld.ncl.edu.tw/subject/99645>
- Instance Of:**
 - MADS/RDF Authority
 - MADS/RDF Topic
- Topic name:**
 - 鄉鎮圖書館

The output with Linked Data

- Here is the second URL of the Linked Data enrichment (Subject):
<https://ld.ncl.edu.tw/subject/101327>

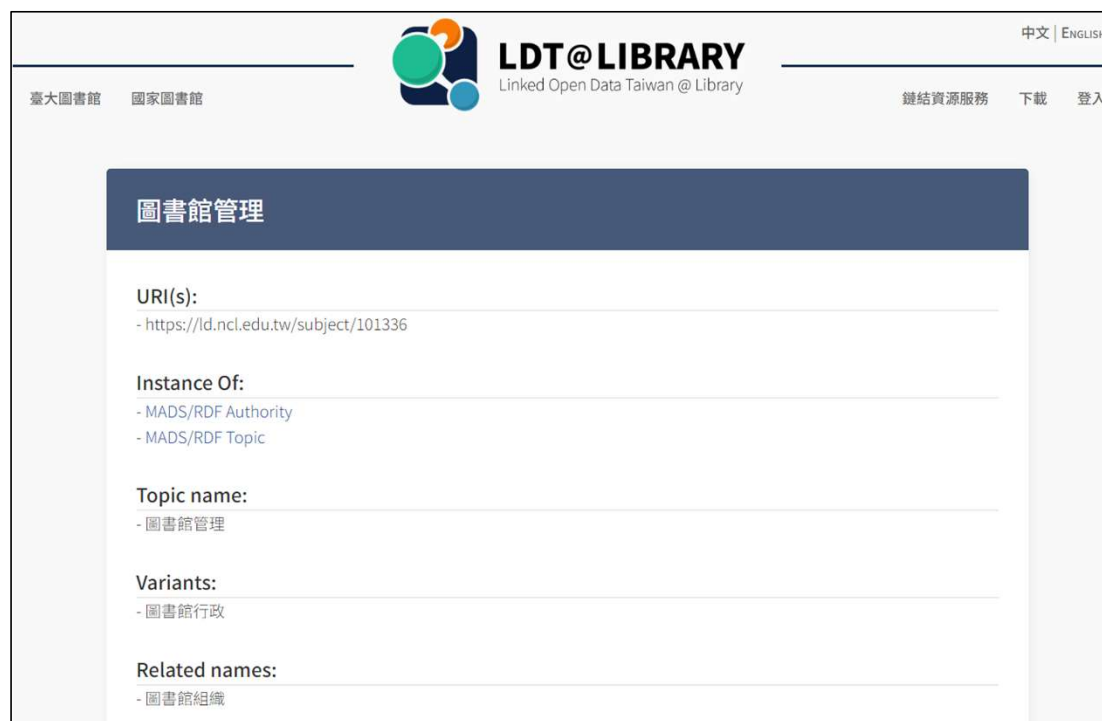


The screenshot displays the LDT@LIBRARY website interface. At the top, there is a navigation bar with the logo on the left, the text "LDT@LIBRARY" and "Linked Open Data Taiwan @ Library" in the center, and language options "中文 | ENGLISH" on the right. Below the navigation bar, there are links for "臺大圖書館", "國家圖書館", "鏈結資源服務", "下載", and "登入". The main content area features a dark blue header with the text "圖書館推廣服務". Below this header, there are three sections of linked data:

- URI(s):**
- <https://ld.ncl.edu.tw/subject/101327>
- Instance Of:**
- MADS/RDF Authority
- MADS/RDF Topic
- Topic name:**
- 圖書館推廣服務

The output with Linked Data

- Here is the third URL of the Linked Data enrichment (Subject):
<https://ld.ncl.edu.tw/subject/101336>

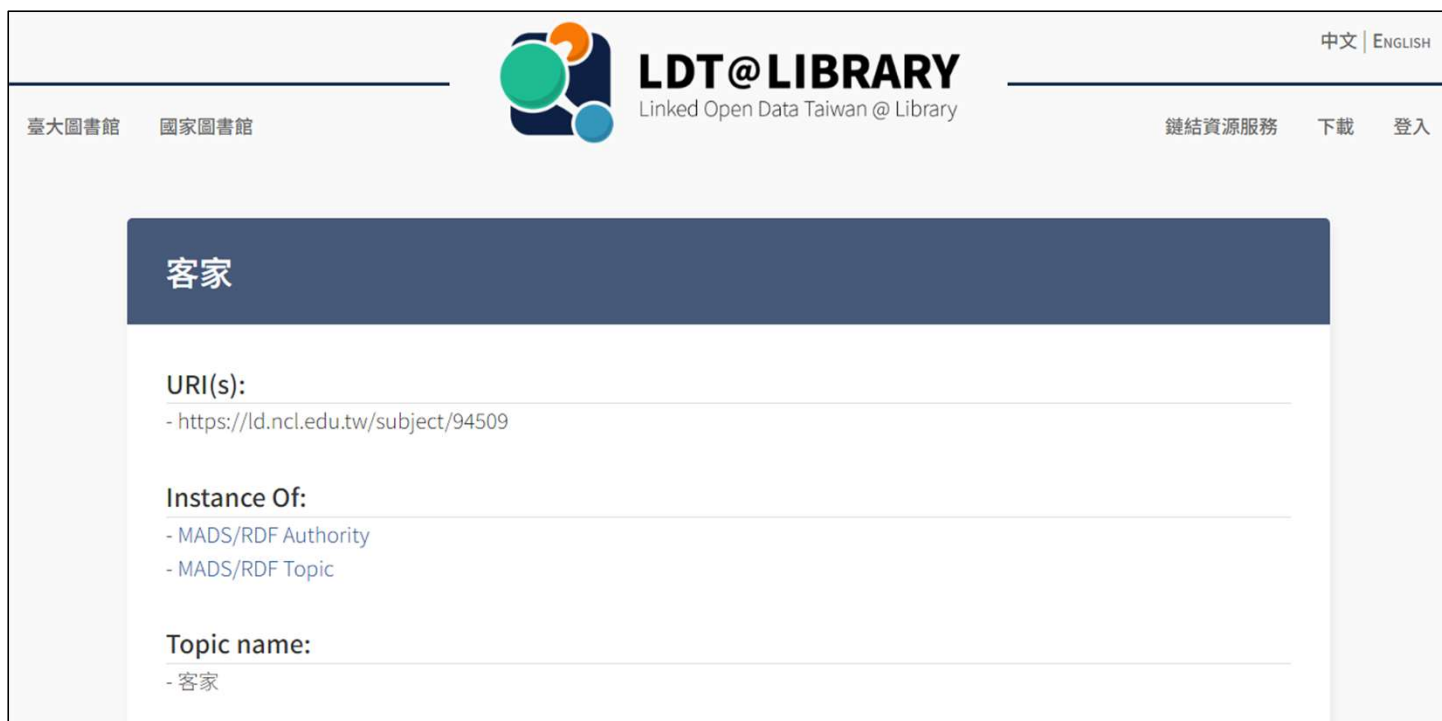


The screenshot displays the LDT@LIBRARY website interface. At the top, there is a navigation bar with the LDT@LIBRARY logo and the text 'Linked Open Data Taiwan @ Library'. The main content area features a dark blue header with the title '圖書館管理'. Below this, the page lists several properties and their values:

- URI(s):**
 - <https://ld.ncl.edu.tw/subject/101336>
- Instance Of:**
 - MADS/RDF Authority
 - MADS/RDF Topic
- Topic name:**
 - 圖書館管理
- Variants:**
 - 圖書館行政
- Related names:**
 - 圖書館組織

The output with Linked Data

- Here is the fourth URL of the Linked Data enrichment (Subject):
<https://ld.ncl.edu.tw/subject/94509>

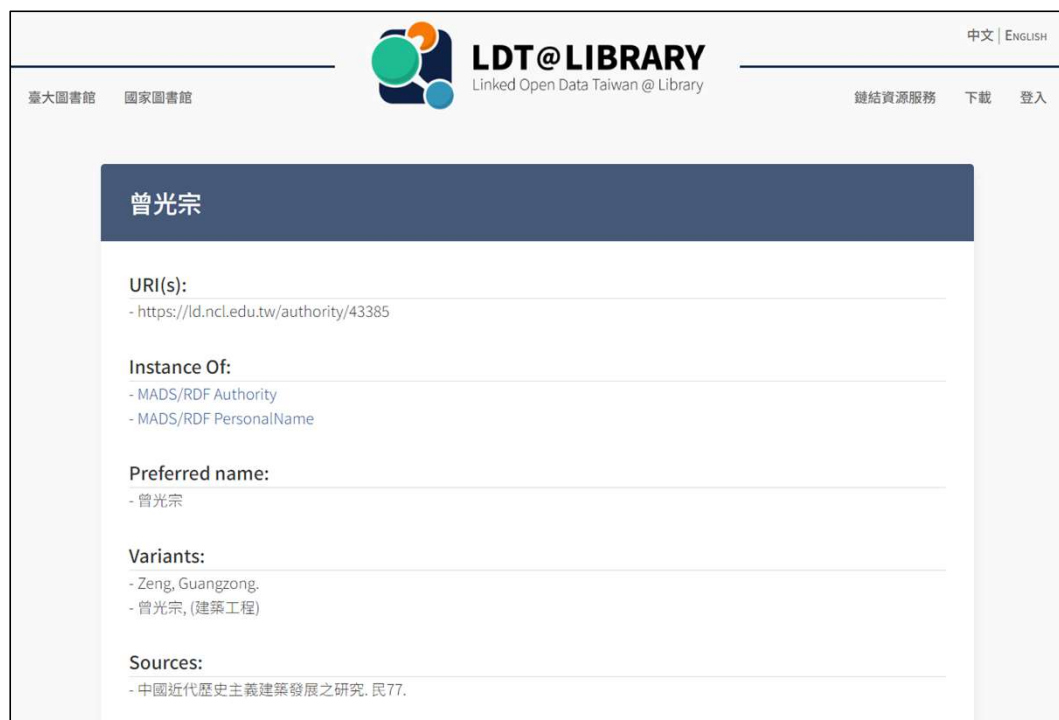


The screenshot displays the LDT@LIBRARY website interface. At the top, there is a navigation bar with the LDT@LIBRARY logo and the text "Linked Open Data Taiwan @ Library". The logo consists of three overlapping circles in green, orange, and blue. To the right of the logo, there are links for "中文" and "ENGLISH". Below the navigation bar, there are links for "臺大圖書館", "國家圖書館", "鏈結資源服務", "下載", and "登入". The main content area features a dark blue header with the title "客家". Below the header, there are three sections of information:

- URI(s):**
- <https://ld.ncl.edu.tw/subject/94509>
- Instance Of:**
- MADS/RDF Authority
- MADS/RDF Topic
- Topic name:**
- 客家

The output with Linked Data

- Here is the fifth URL of the Linked Data enrichment (Added Entry - Personal Name):
<https://ld.ncl.edu.tw/authority/43385>



The screenshot displays the LDT@LIBRARY interface for the authority record of 曾光宗. The page includes a header with the library logo and navigation links, and a main content area with the following details:

- URI(s):**
 - <https://ld.ncl.edu.tw/authority/43385>
- Instance Of:**
 - MADS/RDF Authority
 - MADS/RDF PersonalName
- Preferred name:**
 - 曾光宗
- Variants:**
 - Zeng, Guangzong.
 - 曾光宗, (建築工程)
- Sources:**
 - 中國近代歷史主義建築發展之研究. 民77.

ExLibris[®]
Part of Clarivate



© 2024 Clarivate

Clarivate and its logo, as well as all other trademarks used herein are trademarks of their respective owners and used under license.