



# **SLS BIBFRAME Editor** **an overview**

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The **SLS** library management system has been in use since **1991**.

It is designed specifically for small-sized libraries, including school, church, and special libraries.

<https://www.sls.org.hk>

**SLSCloud** is the current platform offering catalog searching, and daily library functions, including cataloging, circulation, user management and reporting.

SLSCloud utilizes advanced **linked data** technology, with data stored in a triplestore and accessed through **SPARQL** queries.

SLSCloud OPAC **Demo**: <https://www.sls.org.hk:8443/opac>

# SLS BIBFRAME Editor

A part of the SLSCloud platform, providing cutting-edge cataloging in **BIBFRAME**

- ✓ **Original cataloging** in BIBFRAME
- ✓ **Copy cataloging**
  - by importing **files** in MARCXML and BIBFRAME RDF/XML formats
  - by copying records directly from **other library catalogs**

<https://www.sls.org.hk:8443/opac/edit>

The screenshot displays the 'Catalog Management' interface of the SLS BIBFRAME Editor. At the top, there is a navigation menu with a hamburger icon. Below it, the 'Create bib' section offers four options: 'by template', 'by file', 'via remote db', and 'Batch'. The 'Batch' option is further divided into 'Import' and 'Update items'. A 'Search catalog' section features a dropdown menu set to 'RCN', a search input field, and a 'Search' button. Three main creation methods are visible: 1. 'Create bib by template' with a 'Template' dropdown set to 'Monograph' and a 'Create bib' button. 2. 'Create bib by file' with a 'File' upload field, a 'Format' dropdown set to 'MARCXML', and a 'Create bib' button. 3. 'Create bib via - SLS Demo' with an external link icon and an 'RCN' input field containing 'e.g. ABCD', followed by a 'Create bib' button.

# Design principles

- ✓ Light-weight, simple, single-page
- ✓ Ideal for library staff who might lack formal cataloging training

<https://www.sls.org.hk:8443/opac/edit/ACQs>

## Catalog Management

SLS BIBFRAME Editor

Export: RDF/XML | JSON-LD | MARC/XML  
View: Graph | Catalog | MARC record

Instance [slsdb:ACQs-20220428-20241006]

**Title**

Main title: 喀邁拉空間

Subtitle: Gravity

Type: Title

**Statement of responsibility**

泰絲.格里森著;尤傳莉譯.

**Provision activity**

Type: Publication

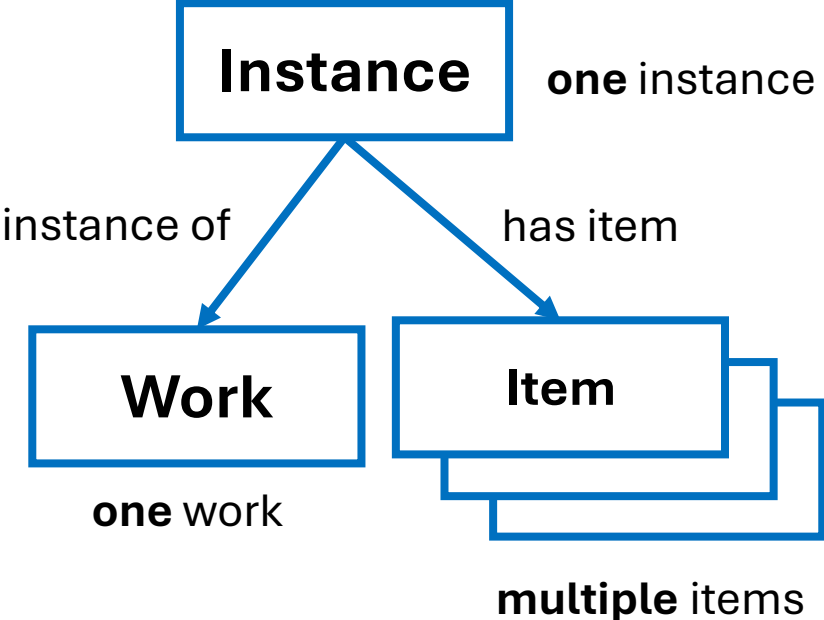
Place: 台北市

Agent: 春天出版國際

Date: 2014

Place code: Taiwan

# Hierarchy of SLS BIBFRAME linked data



# Groups – example of a Contributor group in Work

The image shows a screenshot of a user interface for a 'Work' section. The title bar reads 'Work [s1sdbw:ACQs-20220428-20241006]'. Below the title bar, there is a 'Contributor' group. The group is represented by a red bracket on the left labeled 'Group'. The group contains several fields, each with a label and a value:

- Contributor**: Gerritsen, Tess (This field is highlighted with a red bracket and labeled 'Root statement' with an arrow pointing to it.)
- Type**: Person
- Role**: author
- Contribution type**: Primary contributic
- URI (identifiedBy)**: lcnaf:n85335215 (This field is labeled 'field' with an arrow pointing to the label, and 'value' with an arrow pointing to the value. A red bracket below these two labels is labeled 'statement'.)

Each field has a set of control icons (a list icon, a plus sign, and a trash icon) to its right. The 'Contributor' label has a question mark icon next to it. The 'URI (identifiedBy)' label has a question mark icon next to it. The 'URI (identifiedBy)' value has a search icon to its right.

# Buttons

**Look up ID Source**  
(LCNAF, LCSH, OCLC FAST, Wikidata)

**Group buttons**

**Delete this group**

**Add this group**

**Select a group to add**

**Statement buttons**

**Delete this statement**

**Add this statement**

**Select a statement to add**

**Look up ID Source**  
(LCNAF, LCSH, OCLC FAST, Wikidata)

**Select a statement to add**

**Work** [s1sdbw:ACQs-20220428-20241006]

Contributor  **+** **+** **+**

Type  **+** **+** **+**

Role  **+** **+** **+**

Contribution type  **+** **+** **+**

URI (identifiedBy)  **+** **+**

# Export and View

**Export**  
in RDF/XML, JSON-LD  
and MARCXML formats

**Visualize** BIBFRAME  
metadata as a graph

**View** OPAC record

**View** MARC record

The screenshot shows a user interface for a library system. At the top, there are two rows of menu items: "Export: RDF/XML | JSON-LD | MARC/XML" and "View: Graph | Catalog | MARC record". Below this is a header for an "Instance [s1sdb:ACQs-20220428-20241006]". The main area displays a list of metadata elements. The first element is "Title", which is expanded to show "Main title" with the value "喀邁拉空間" and "Subtitle" with the value "Gravity". The "Type" is set to "Title". Each element has a set of control icons (list, add, delete) on its right side.

# Linked data query service

SPARQL query editor

Query result in table

## Linked data query service

Query

```
1 PREFIX slsdb: <https://www.sls.org.hk:8443/bf/instance/>
2 SELECT ?s ?p ?o
3 WHERE {
4 GRAPH slsdb:ACQs {
5   ?s ?p ?o.
6 }
7 }
8 LIMIT 2000
```

Table Response 155 results in 0.055 seconds

label Page size: 10


	s	p	o
93	slsdb:ACQs#Hub999-13	rdfs:label	Gerritsen, Tess. Gravity. Chinese
96	slsdb:ACQs#GenreForm655-17	rdfs:label	Fiction
99	slsdb:ACQs#Bnode-93	rdfs:label	Storytella ; 37.
104	slsdb:ACQs#Topic999-15	rdfs:label	Microorganisms
109	slsdb:ACQs#Topic999-16	rdfs:label	Women physicians
114	slsdb:ACQs#Bnode-81	rdfs:label	喀邁拉空間
117	slsdb:ACQs#Bnode-82	rdfs:label	Gravity
121	slsdb:ACQs#Agent999-11	rdfs:label	尤傳莉
124	slsdb:ACQs#Agent999-12	rdfs:label	Gerritsen, Tess
131	slsdb:ACQs#Bnode-87	rdfs:label	Gravity. Chinese

Showing 11 to 20 of 26 entries (filtered from 155 total entries) < 1 2 3 >

<https://www.sls.org.hk:8443/opac/lod>



# Enrichment – “More about...” in OPAC



**喀邁拉空間 : Gravity**  
泰絲·格里森著 ; 尤傳莉譯.  
台北市 : 春天出版國際, 2014  
383 pages ; 22 cm  
**Book**


**Item availability**

Location	Call number	Barcode	Status
Chinese Collection	PS3557 .E687 G73127 2014	A1354258	Due: 2026-03-23 +2 Hold(s)


[Reserve](#)

Redirect search to: [Google](#) | [HKPL](#) | [HKALL](#)


**Related items**



對決細菌、病毒



天使與魔鬼

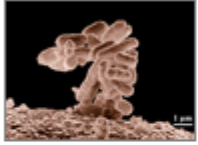


達文西密碼


[More about...](#)

Knowledge cards about **subjects** and **names** are displayed in OPAC by following **URI** links to external sources


[More about...](#)



**Microorganism** [W](#)  
微生物 [W](#)  
Microscopic living organism 肉眼看不见或看不清的具有独特生命特征和功能的微小生命体或类生命体，包括细菌、真菌、单细胞藻类以及病毒、原生动物等



**Tess Gerritsen** [W](#)  
泰絲·格里森 [W](#)  
American novelist



**Woman physician**  
Physician with female gender



***Explore***

**SLS BIBFRAME Editor**

<https://www.sls.org.hk:8443/opac/edit>