

SLS BIBFRAME Editor

An Overview



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SLS is a library management system for small libraries such as school, church and and special libraries.

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

SLSCloud OPAC is the next-generation library catalog with BIBFRAME linked data as the backend database.

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

All search functions are conducted by issuing **SPARQL queries** against its build-in triplestore.

SLS BIBFRAME Editor

A part of the SLSCloud platform, providing cutting edge cataloging experience

- ✓ **Original cataloging** in BIBFRAME
- ✓ **Copy cataloging** by importing files of MARC records in MARCXML format and BIBFRAME RDF/XML.

The screenshot displays the BIBFRAME Editor interface, which is organized into three main sections:

- View existing metadata:** This section includes a label "RCN" followed by a text input field containing "[e.g. ABSZ]" and a blue "View" button.
- Create new metadata:** This section includes a label "Template" followed by a dropdown menu showing "Monograph" and a blue "Create" button.
- Create new metadata by import:** This section includes a label "File" followed by a file selection input field with a folder icon, and a label "Format" followed by a dropdown menu showing "MARCXML" and a blue "Create" button.

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

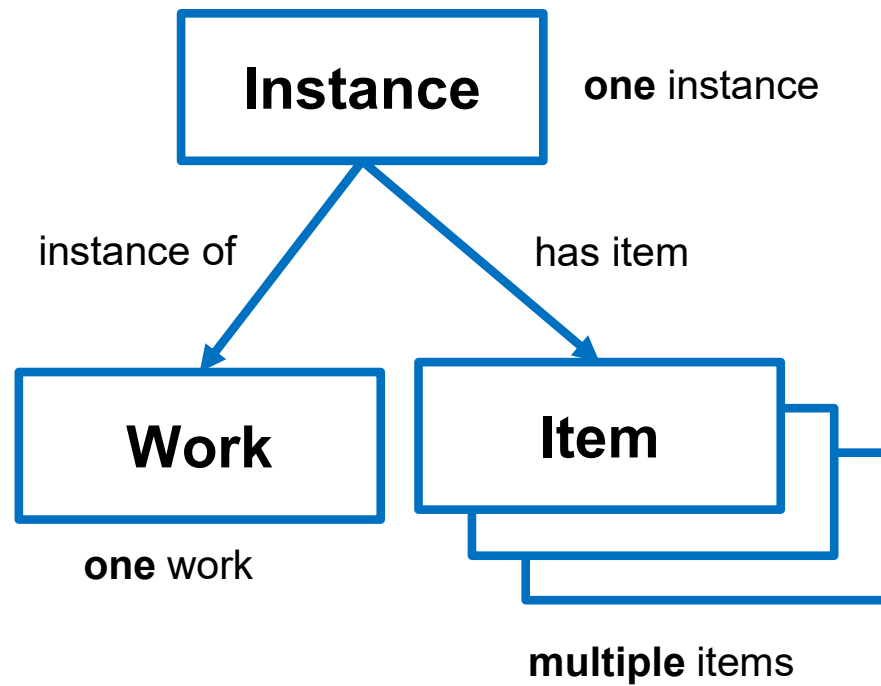
Design principles

- ✓ Light-weight, simple, single-page.
- ✓ Meant for library staff who may not have taken proper cataloging training.

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

The screenshot displays the BIBFRAME Editor interface. At the top, there is a header bar with the title "BIBFRAME Editor" and navigation links for "Export" (RDF/XML, JSON-LD, MARC/XML) and "View" (Graph, Catalog, MARC record). Below this is a black bar indicating the current instance is "Instance [slsdb:ACQs]". The main editing area is divided into sections, each with a title and a set of controls (add, delete, refresh). The "Title" section includes a "Main title" field with the value "喀邁拉空間" and a "Subtitle" field with the value "Gravity". The "Type" dropdown is set to "Title". The "Responsibility" section has a field with the value "泰絲·格里森著；尤傳莉譯.". The "Provision activity" section includes a "Type" dropdown set to "Publication", a "Place" field with the value "台北市", and an "Agent" field with the value "春天出版國際". Each field has a small icon in the bottom right corner, and each section has a set of controls (add, delete, refresh) on the right side.

Hierarchy of SLS BIBFRAME metadata



Group and statements – example Contribution group in Work

The screenshot displays a user interface for managing a 'Work' section. The main header is 'Work [s1sdbw:ABLL]'. Below it, a 'Contribution' group is highlighted with a red bracket and labeled 'Group'. The group contains several fields and controls:

- Root statement:** A text field containing 'Carroll, Lewis, 1832-1898'.
- Type:** A dropdown menu set to 'Person'.
- Role:** A dropdown menu set to 'contributor'.
- URI (identifiedBy):** A text field containing 'lcnaf:n79056546'.

Each field has a small icon (a square with a plus sign) to its left, indicating it can be added to the group. The 'URI (identifiedBy)' field also has a search icon (a magnifying glass) to its right. The entire group is enclosed in a light blue border. Red arrows point from the labels to the corresponding elements: 'Work section' points to the header, 'Root statement' points to the first text field, 'Group' points to the 'Contribution' label, 'Property' points to the 'URI (identifiedBy)' label, and 'Value' points to the 'lcnaf:n79056546' text. A bracket labeled 'Statement' spans the 'URI (identifiedBy)' label and its value.

Editing buttons

Look up ID Source
(LCNAF, LCSH, LC Genre/Form Terms, OCLC FAST, Wikidata)

Work [s1sdbw:ABLL]

Group buttons

Contribution

Carroll, Lewis, 1832-1898

Type

Person

Role

contributor

URI (identifiedBy)

lcnaf:n79056546

Statement buttons

Select a statement to add

Delete this group

Add this group

Select a group to add

Delete this statement

Add this statement

Select a statement to add

Linked data query service

SPARQL query editor

Query result in table

Linked data query service

Query

```
1 PREFIX slsdb: <http://localhost/bf/instance/>
2 SELECT ?s ?p ?o
3 WHERE {
4   GRAPH slsdb:ACQs {
5     ?s ?p ?o.
6   }
7 }
8 LIMIT 2000
```

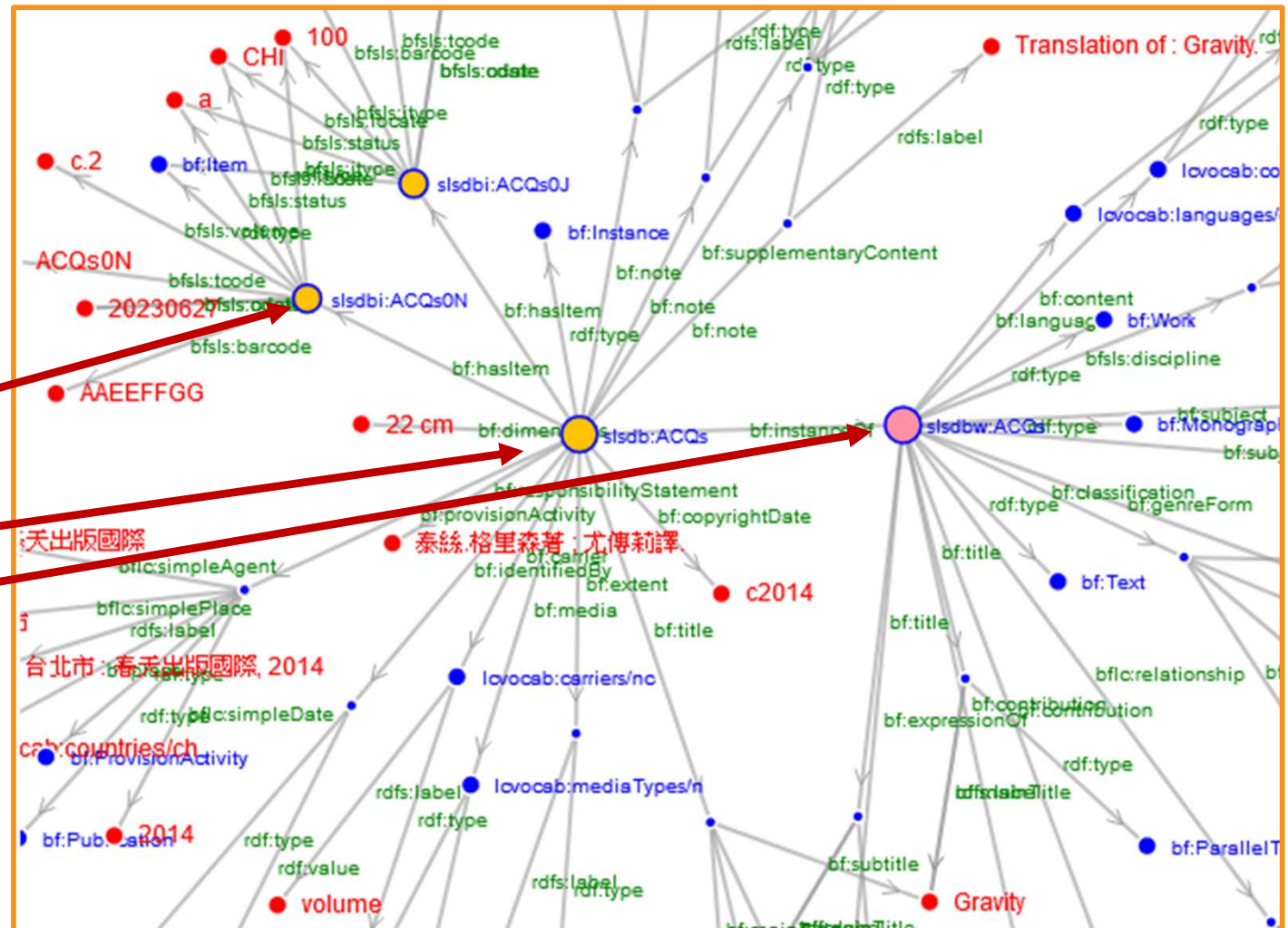
Table Response 171 results in 0.128 seconds

Filter query results Page size: All

	s	p	o
25	slsdb:ACQs	bf:responsibilityStatement	泰絲·格里森著；尤傳莉譯。
64	slsdb:ACQs#Bnode-72	bflc:simpleAgent	春天出版國際
107	slsdb:ACQs#Agent999-11	rdfs:label	尤傳莉
69	slsdb:ACQs#Bnode-71	rdfs:label	喀邁拉空間：Gravity
70	slsdb:ACQs#Bnode-71	bf:mainTitle	喀邁拉空間

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

BIBFRAME graph



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

Enrichment – more about in OPAC

喀邁拉空間 : Gravity

蔡絲·格里森著；尤傳莉譯
台北市：春天出版國際，2014
383 pages ; 22 cm
Book

Physical holdings

Location	Call Number	Status
Chinese Collection	PS3557 E687 G73127 2014	Due: 2026-03-23
Chinese Collection	PS3557 E687 G73127 2014 c.2	Available

[Request](#)

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

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Microscopic living organism
- Tess Gerritsen** [W](#)
蔡絲·格里森 [W](#)
Chinese-American novelist
- Woman physician**
Physician with female gender

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
- Tess Gerritsen** [W](#)
蔡絲·格里森 [W](#)
Chinese-American novelist
- Woman physician**
Physician with female gender

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



Explore

SLS BIBFRAME Editor

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



Subscription

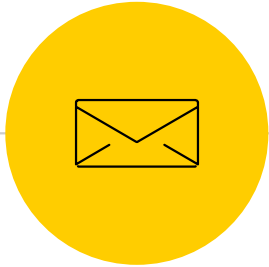
SLS BIBFRAME Editor can be deployed as a learning platform for catalogers to learn BIBFRAME cataloging.

Interested libraries can contact our service provider TR Computer Limited for details about subscription.

Contact:

Phone: (852) 2772-1619

Email: helpdesk@tr-computer.com.hk



SLS Website

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

Contact the Developer

Email: ktlam.kitat@gmail.com