

# SINOPIA TEST REPORT

TJ Kao  
Head of Metadata Creation  
UC Davis  
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# OUTLINE

General concerns

Issues specific to CJK cataloging

Wish list

# GENERAL CONCERNS

BIBFRAME model very different from FRBR's WEMI

Very customizable = Open to many interpretations and practices

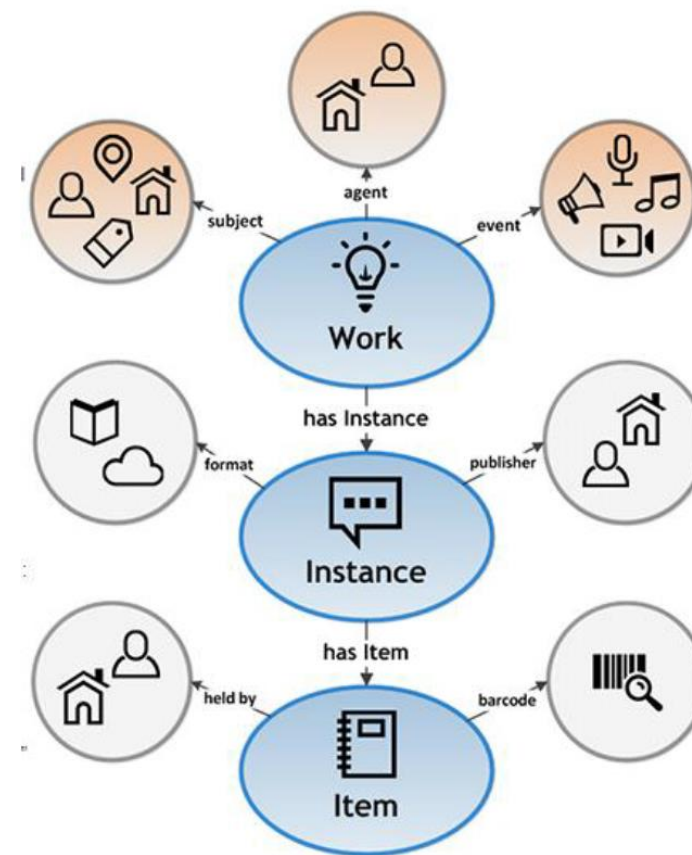
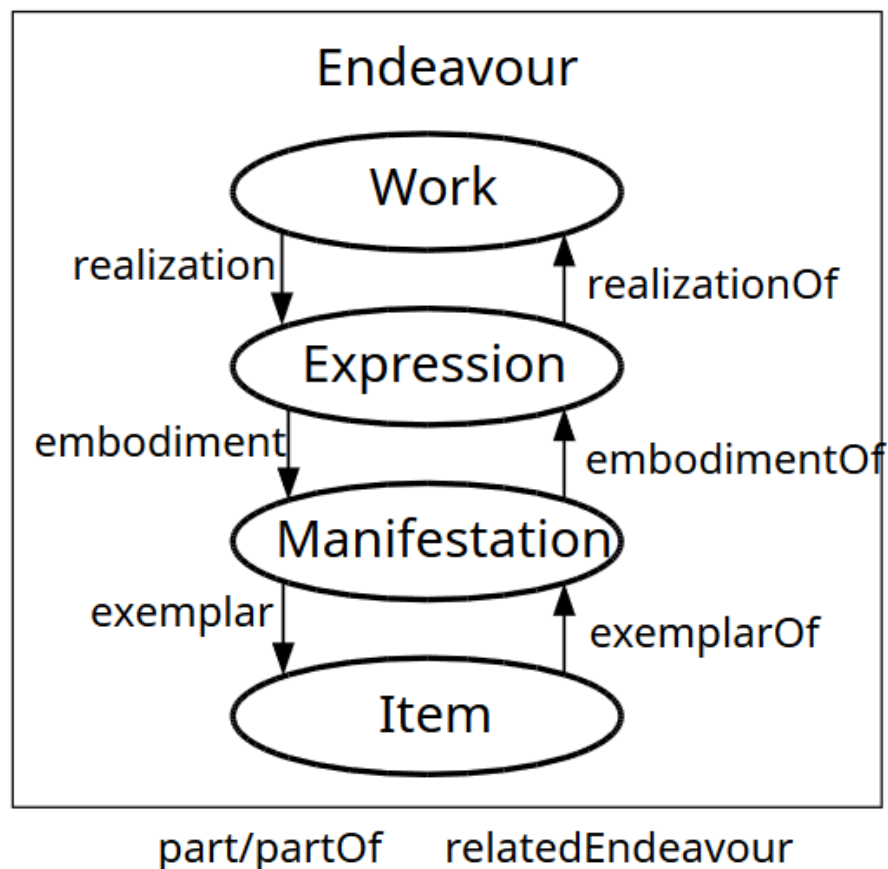
Minimalist interface

No visualization of relationships between different entities

Unstable performance and limited vocabulary/thesauri of lookup tools

“Click, click, click!”

# BIBFRAME MODEL VERY DIFFERENT FROM FRBR'S WEMI



# VERY CUSTOMIZABLE = OPEN TO MANY INTERPRETATIONS

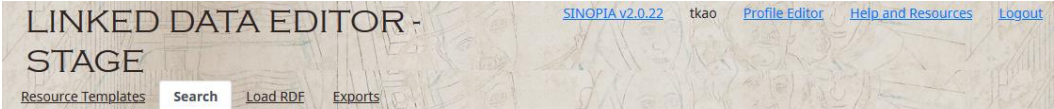
Example: 18 templates for monograph work!

Find a resource template

[> Most recently used resource templates](#)

Label / ID	Resource URI	Author	Date	Guiding statement
<a href="#">_Monograph Work (BF2) Un-Nested</a> ld4p:RT:bf2:Monograph:Work:Un-nested	http://id.loc.gov/ontologies/bibframe/Work	LD4P	Aug 19, 2019	based on LC template ld4p:RT:bf2:Monograph:Work
<a href="#">_Monograph Work (BIBFRAME)</a> ld4p:RT:bf2:Monograph:Work	http://id.loc.gov/ontologies/bibframe/Work	LD4P	Aug 19, 2019	based on LC template ld4p:RT:bf2:Monograph:Work
<a href="#">_Monograph Work TEST BF2 Un-Nested</a> ld4p:RT:bf2:Monograph:TEST:Work	http://id.loc.gov/ontologies/bibframe/Work	LD4P	Aug 19, 2019	for testing purposes only by Stanford
<a href="#">_TEST unnested Monograph Work (BIBFRAME)</a> test:RT:bf2:Monograph:Work_Unnested	http://id.loc.gov/ontologies/bibframe/Work	LD4P	Aug 19, 2019	based on LC template ld4p:RT:bf2:Monograph:Work
<a href="#">Frick BIBFRAME Monograph Work</a> Frick:RT:bf2:Monograph:Work	http://id.loc.gov/ontologies/bibframe/Work	Frick		Updated with ld4p rt
<a href="#">Harvard Monograph Work (BIBFRAME) standalone</a> harvard:RT:bf2:Monograph:Work:Independent	http://id.loc.gov/ontologies/bibframe/Work	Harvard test	Aug 19, 2019	based on LC template ld4p:RT:bf2:Monograph:Work
<a href="#">TAMU Monograph Work (BF2) Nested</a>	http://id.loc.gov/ontologies/bibframe/Work	Lescaette, De (aka@libopen)	Aug 19, 2019	

# MINIMALIST INTERFACE



Sinopia search: use \* as wildcard; default operator for multiple terms is AND; use | (pipe) as OR operator; use quotation marks for exact match. For more details see [Searching in Sinopia](#).



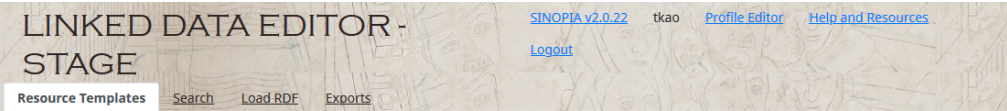
Sinopia is a project of [Linked Data for Production 2 \(LD4P2\)](#), generously funded by the Andrew W. Mellon Foundation. All metadata available on Sinopia are published free of restrictions, under the terms of the [Creative Commons CC0 1.0 Universal Public Domain Dedication](#).



Sinopia search: use \* as wildcard; default operator for multiple terms is AND; use | (pipe) as OR operator; use quotation marks for exact match. For more details see [Searching in Sinopia](#).

[Filter by class](#) [Go](#) [Filter by institution](#) [Go](#)

Label / ID	Class	Institution	Modified	Sort by
New directions in dental anthropology <a href="https://trellis.stage.sinopia.io/repository/ucsd/02313a4c-0d67-4acd-9552-aded49b4fee1">https://trellis.stage.sinopia.io/repository/ucsd/02313a4c-0d67-4acd-9552-aded49b4fee1</a>	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	University of California, San Diego	Nov 12, 2019	<a href="#">Edit</a> <a href="#">Copy</a>
Materiales cartográficos <a href="https://trellis.stage.sinopia.io/repository/cornell/e7f3e9d5-265e-4042-9581-102c85921650">https://trellis.stage.sinopia.io/repository/cornell/e7f3e9d5-265e-4042-9581-102c85921650</a>	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	Cornell University	Aug 30, 2019	<a href="#">Edit</a> <a href="#">Copy</a>
Issues in environmental politics <a href="https://trellis.stage.sinopia.io/repository/ucsd/d6a9c9e3-cb78-4f87-b261-c025d55b8389">https://trellis.stage.sinopia.io/repository/ucsd/d6a9c9e3-cb78-4f87-b261-c025d55b8389</a>	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	University of California, San Diego	Mar 4, 2020	<a href="#">Edit</a> <a href="#">Copy</a>
<a href="https://trellis.stage.sinopia.io/repository/minnesota/27c49f95-cea4-4f1a-9ac8-">https://trellis.stage.sinopia.io/repository/minnesota/27c49f95-cea4-4f1a-9ac8-</a>	<a href="http://id.loc.gov/ontologies/bibframe/Item">http://id.loc.gov/ontologies/bibframe/Item</a>	University of Minnesota	Apr 16, 2020	<a href="#">Edit</a> <a href="#">Copy</a>




[Import Profile / Resource Template](#)

Find a resource template

Label / ID	Resource URI	Author	Date	Guiding statement	Download
<a href="#">_Cartographic Instance (BIBFRAME)</a> Id4p:RT:bf2:Cartographic:Instance	<a href="http://id.loc.gov/ontologies/bibframe/Instance">http://id.loc.gov/ontologies/bibframe/Instance</a>	LD4P	Aug 19, 2019	based on LC template Id4p:RT:bf2:Cartographic:Instance	<a href="#">Download</a>
<a href="#">_Cartographic Instance (BIBFRAME) Un-Nested</a> Id4p:RT:bf2:Cartographic:Instance:unnested	<a href="http://id.loc.gov/ontologies/bibframe/Instance">http://id.loc.gov/ontologies/bibframe/Instance</a>	LD4P	Nov 22, 2019	based on LC template Id4p:RT:bf2:Cartographic:Instance	<a href="#">Download</a>
<a href="#">_Cartographic Item (BIBFRAME) Un-Nested</a> Id4p:RT:bf2:Cartographic:Item:unnested	<a href="http://id.loc.gov/ontologies/bibframe/Item">http://id.loc.gov/ontologies/bibframe/Item</a>	LD4P	Nov 22, 2019	based on LC template Id4p:RT:bf2:Cartographic:Item	<a href="#">Download</a>
<a href="#">_Cartographic Work (BIBFRAME)</a> Id4p:RT:bf2:Cartographic:Work	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	LD4P	Aug 19, 2019	based on LC template Id4p:RT:bf2:Cartographic:Work	<a href="#">Download</a>
<a href="#">_Cartographic Work (BIBFRAME) Un-Nested</a> Id4p:RT:bf2:Cartographic:Work:unnested	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	LD4P	Nov 22, 2019	based on LC template Id4p:RT:bf2:Cartographic:Work	<a href="#">Download</a>

# NO VISUALIZATION OF RELATIONSHIPS BETWEEN DIFFERENT ENTITIES

Search Sinopia Letras femeninas. 





Sinopia search: use \* as wildcard; default operator for multiple terms is AND; use | (pipe) as OR operator; use quotation marks for exact match. For more details see [Searching in Sinopia](#).

[Filter by class](#)

[Go](#)

[Filter by institution](#)

[Go](#)

Label / ID	Class	Institution	Modified	<a href="#">Sort by</a> ▼
Let. fem.,Letras femeninas,Letras femeninas <a href="https://trellis.stage.sinopia.io/repository/ucdavis/c9bb5c80-0809-48b0-a08d-4c5e9e2170a8">https://trellis.stage.sinopia.io/repository/ucdavis/c9bb5c80-0809-48b0-a08d-4c5e9e2170a8</a>	<a href="http://id.loc.gov/ontologies/bibframe/Work">http://id.loc.gov/ontologies/bibframe/Work</a>	University of California, Davis	Nov 28, 2019	 
Letras femeninas,Let. fem. <a href="https://trellis.stage.sinopia.io/repository/ucdavis/788a8db2-6e87-41ef-95ec-17c4c60d6dcc">https://trellis.stage.sinopia.io/repository/ucdavis/788a8db2-6e87-41ef-95ec-17c4c60d6dcc</a>	<a href="http://id.loc.gov/ontologies/bibframe/Instance">http://id.loc.gov/ontologies/bibframe/Instance</a>	University of California, Davis	Nov 28, 2019	 

# UNSTABLE PERFORMANCE AND LIMITED VOCABULARY/THESAURI OF LOOKUP TOOLS

Shi bao chu ban gong si (LCCN n84015380)

Publication, Distribution, Manufacture, Production

Publication [+ Add another](#)

> Place [+](#)

▼ Name [+](#)

Name [+ Add another](#)

▼ Lookup [+](#)

shì bào chū bān gōng sī

LOC all names (QA)

**Knowledge (Shi bao chu ban gong si)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

**Issue (Shi bao chu ban gong si)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

**People (Shi bao chu ban gong si)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

**Lǐ shì xiǎo shuō (Shi bao chu ban gong si)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

[+ Add Note](#)

Publication, Distribution, Manufacture, Production

Publication [+ Add another](#)

> Place [+](#)

▼ Name [+](#)

Name [+ Add another](#)

▼ Lookup [+](#)

時報出版公司

LOC all names (QA)


**Ren yu tu di (Shi bao chu ban gong si)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>  
Editorial note: [Non-Latin script references not evaluated.]

**Shi bao chu ban gong si**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#CorporateName>, <http://www.w3.org/2004/02/skos/core#Concept>  
Editorial note: [Machine-derived non-Latin script reference project.], [Non-Latin script reference not evaluated.]


**New Literal**

# UNSTABLE PERFORMANCE AND LIMITED VOCABULARY/THESAURI OF LOOKUP TOOLS (CONT.)

## Monograph Instance (BF2) Un-Nested

Publication, Distribution, Manufacture, Production 



Publication [+ Add another](#)

▼ Place 

☒ GEONAMES area\_and\_place (QA)  
☒ LOC geographic [names] (QA)

Place

## Monograph Work (BF2) Un-Nested

Subject of the Work  

☒ LOC all names (QA)  
☒ LOC all subjects (QA)  
☒ MESH subjects (QA)  
☒ OCLCFAST event (QA) - cache  
☒ OCLCFAST topic (QA) - direct  
☒ OCLCFAST geographic (QA) - direct

Subject of the Work

# “CLICK, CLICK, CLICK!”

LINKED DATA EDITOR - STAGE

Resource Templates Search Load RDF Editor Exports

Monograph Instance (BIBFRAME) x Monograph Instance (BF2) Un-Nested x Monograph Work (BF2) Un-Nested

\_Monograph Work (BF2) Un-Nested

Contribution (Creator/Contributor) + Add

Title Information \*

Work Title + Add Preferred Title for Work + Add another  
+ Add Part number  
+ Add Part name  
+ Add Note

Work Title Variation + Add another  
+ Add Variant Title for Work  
+ Add Note

Date of Work + Add Place of Origin of the Work + Add In series + Add

(Geographic) Coverage of the Content + Add (Time) Coverage of the Content + Add Intended Audience + Add

Notes about the Work + Add Dissertation + Add Contents + Add

Summary + Add Subject of the Work + Add Classification numbers + Add

Form of Work + Add

8 clicks!



\_Monograph Instance (BIBFRAME) x \_Monograph Instance (BF2) Un-Nested x

\_Monograph Work (BF2) Un-Nested

Contribution (Creator/Contributor)

Primary Contribution + Add another

▼ Primary Contributor (only one per primary contribution node!) + Add another

Person

▼ Name of Person

Murakami, Haruki, 1949- x

Family

+ Add Name of Family

Corporate Body

+ Add Name of Corporate Body

Jurisdiction

+ Add Name of Jurisdiction

Conference

+ Add Name of Conference

▼ Relationship Designator (RDA Appendix I) + Add another

Author x



# ISSUES RELATING TO CJK CATALOGING

Unpredictable results of lookup tool search

Hard to input diacritics

Many different interpretations and practices

# UNPREDICTABLE RESULTS OF LOOKUP TOOL SEARCH

Osaka (Japan) (LCCN n80022951)

Publication, Distribution, Manufacture, Production

Publication [+ Add another](#)

▼ Place

☒ GEONAMES area\_and\_place (QA)  
☒ LOC geographic [names] (QA)

osaka japan

Feature Code: <http://www.geonames.org/ontology#A.ADM1>

Yakumochō (JP) Parent: Ōsaka-fu Parent Country: Japan Country: JP  
Latitude: 34.66667 Longitude: 135.46667  
Feature Class: <http://www.geonames.org/ontology#P>  
Feature Code: <http://www.geonames.org/ontology#P.PPLX>

Nakanoshima (JP) Parent: Ōsaka-fu Parent2: Ōsaka Prefecture  
Parent Country: Japan Country: JP Latitude: 34.69119 Longitude: 135.48689  
Feature Class: <http://www.geonames.org/ontology#P>  
Feature Code: <http://www.geonames.org/ontology#P.PPLX>

Utsubo (JP) Parent: Ōsaka-fu Parent Country: Japan Country: JP  
Latitude: 34.68333 Longitude: 135.5  
Feature Class: <http://www.geonames.org/ontology#P>  
Feature Code: <http://www.geonames.org/ontology#P.PPLX>

Not Found!

Publication, Distribution, Manufacture, Production

Publication [+ Add another](#)

▼ Place

☒ GEONAMES area\_and\_place (QA)  
☒ LOC geographic [names] (QA)

osaka (japan)

GEONAMES area\_and\_place (QA)  
NetworkError when attempting to fetch resource.

LOC geographic [names] (QA)  
NetworkError when attempting to fetch resource.

Industrial Japan (Osaka, Japan)  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

Dainembutsuji (Osaka, Japan)  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#CorporateName>, <http://www.w3.org/2004/02/skos/core#Concept>

Shinmachi (Osaka, Japan)

Not Found!

Publication, Distribution, Manufacture, Production

Publication [+ Add another](#)

▼ Place

☒ GEONAMES area\_and\_place (QA)  
☒ LOC geographic [names] (QA)

Osaka (japan)

GEONAMES area\_and\_place (QA)  
NetworkError when attempting to fetch resource.

LOC geographic [names] (QA)  
**Osaka (Japan)**  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Organization>, <http://www.w3.org/2004/02/skos/core#Concept>, <http://www.loc.gov/mads/rdf/v1#Geographic>  
Editorial note: [Non-Latin script references not evaluated.]. [Old catalog heading: Osaka]

Industrial Japan (Osaka, Japan)  
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#Title>, <http://www.w3.org/2004/02/skos/core#Concept>

# HARD TO INPUT DIACRITICS

Nyū Yōku tankō no higeki

The screenshot shows a library cataloging interface. At the top, a diacritics input menu is open, displaying a grid of characters including Latin, IPA, Greek, Cyrillic, Arabic, and Hebrew. The 'Latin' section is selected. Below the menu, the main form is titled '\_Monograph Instance (BF2) Un-Nested'. The form has a 'Title Information\*' section with fields for 'Instance Title' and 'Transliterated Title'. The 'Instance Title' field contains 'Nyū' and has a red box around it. The 'Transliterated Title' field is empty. To the right of the form, there are buttons for 'Statement of Responsibility' and 'Edition Statement', both with '+ Add' links.

Latin  
Latin Extended  
IPA  
Symbols  
Greek  
Greek Extended  
Cyrillic  
Arabic  
Arabic Extended  
Hebrew

\_Monograph Instance (BIBFRAME) x \_Monograph Instance (BF2) Un-Nested \_Monograph Work (BF2) Un-Nested x

\_Monograph Instance (BF2) Un-Nested

Title Information\*

Instance Title + Add another  
+ Add Main Title  
+ Add Subtitle  
+ Add Part number  
+ Add Part name  
+ Add Note

Transliterated Title + Add another  
▼ Transliterated Title  
Nyū

Statement of Responsibility + Add Edition Statement + Add

# MANY DIFFERENT INTERPRETATIONS AND PRACTICES

Examples:

How to record preferred title for translated work?

Original scripts vs. romanized form

Related expression for translated work?

Not using it vs. Original title



# WISH LIST

Enhance data visualization and user interface

Improve lookup tool's performance and expand variety of thesauri

Establish community agreed-upon resource templates

Create best practice guidelines



Special thanks to Charlene Chou (New York University), Jian Lee (University of Washington), and Chiharu Watsky (Princeton University) for generously sharing their thoughts.

Question? Contact me at [tjkao@ucdavis.edu](mailto:tjkao@ucdavis.edu)