

## Lookups

### Lesson 9



"[The Great Hall of the Library of Congress – man standing in center, looking up, and woman seated on bench]," Library of Congress Prints and Photographs Division, accessed December 7, 2024, <https://www.loc.gov/pictures/item/2006683612/>

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## Learning Objectives

- To recognize how lookups allow data to be represented by URIs
- To differentiate between drop-down lists and lookups with query boxes
- To learn how to
  - Search for and select values from a controlled vocabulary
  - Add and delete fields
- To pick up some tips for using lookups

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## Design Principles for Linked Data

1. Use Uniform Resource Identifiers (URIs) as names for things.
2. Use HTTP URIs so that people can look up those names.
3. When someone looks up a URI, they should be provided with useful information that follows standards (e.g., RDF).
4. Include links to other URIs so people and computers can discover more useful things.

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The screenshot shows the Library of Congress MARC21 editor interface. The 'Media type' field is highlighted with a red box, and a red arrow points to the 'unmediated' value. A red box also highlights the search bar and the 'unmediated' value. A text box with a red border contains the text: 'Lookups search an external authoritative source for structured data.' The interface includes a sidebar with a 'Work' section and a 'Media type' dropdown menu. The main area displays the MARC21 record details, including the 'Media type' field, the 'URL of Instance' field, and the 'Projected publication date (YYMM)' field. The 'Media type' field is set to 'unmediated' and has a lightning bolt icon next to it. The 'URL of Instance' field is set to 'http://id.loc.gov/vocabulary/relators/aut'. The 'Projected publication date (YYMM)' field is set to '2024-11-21T12:57:08.279Z'. The interface also includes a 'Menu' bar with options like 'Tools', 'View', 'Preferences', 'Layouts', 'Save', 'Validate', and 'Post'. The 'Work' sidebar lists various fields like 'Instance of', 'Title Information', 'Statement of Responsibility', 'Edition Statement', 'Provision Activity', 'Copyright Date', 'Mode of Issuance', 'Identifiers', 'Notes about the Instance', 'Supplement', 'Immediate Source of Acquisition', 'Applicable Institution', 'Media type', 'Extent', 'Dimensions', 'Carrier', 'URL of Instance', 'Projected publication date (YYMM)', and 'Admin Metadata'. The 'Media type' dropdown menu is open, showing 'unmediated' as the selected option. The 'URL of Instance' field is set to 'http://id.loc.gov/vocabulary/relators/aut'. The 'Projected publication date (YYMM)' field is set to '2024-11-21T12:57:08.279Z'. The 'Admin Metadata' section shows the 'Your cataloger ID (Windows ID)' as 'jr13' and the 'Date' as '2024-11-21T12:57:08.279Z'. The 'Media type' field is set to 'unmediated' and has a lightning bolt icon next to it. The 'URL of Instance' field is set to 'http://id.loc.gov/vocabulary/relators/aut'. The 'Projected publication date (YYMM)' field is set to '2024-11-21T12:57:08.279Z'. The 'Admin Metadata' section shows the 'Your cataloger ID (Windows ID)' as 'jr13' and the 'Date' as '2024-11-21T12:57:08.279Z'.

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# Dropdowns

5

## Dropdowns

### BIBFRAME Work Elements

- Classification > Assigning agency
- Classification numbers > Used by assigning agency
- Color content
- Content type
- Contributors > Relationship designator
- Country of origin of the Work
- Creator of work > Relationship designator
- Form/Genre > Thesaurus
- Government publication
- Illustrative content

### More BIBFRAME Work Elements

- Input transcribed series > Relationship
- Input transcribed series > Status
- Intended audience
- Language
- Language note
- Language resource
- Notes about the Work > Note type
- Script
- Search related Work > Relationship designator
- Search series Hub > Relationship
- Subjects > Thesaurus
- Supplementary content

### BIBFRAME Instance Elements

- Carrier type
- Identifiers > Assigning agency
- Identifiers > Invalid/canceled
- Immediate source of acquisition note > Applicable institution
- Media type
- Mode of issuance
- Notes about the Instance > Note type
- Provision activity > Search place of publication

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## Dropdowns

- autonomous
- federal
- government
- international intergovernmental
- local
- multilocal
- multistate
- state

- Country of origin of the Work
- Creator of work > Relationship designator
- Form/Genre > Thesaurus
- Government publication
- Illustrative content

- Input
- Re
- Inp
- Int
- La
- La
- La
- No
- Sc
- Se
- de
- Scheme Members
- Sea
- federal
- Subject
- government
- Supplementary content

More E

The Library of Congress > Linked Data Service > Government Publication Type

Search Government Publication Type List

Search In: Government Publication Type

### Government Publication Type

Value indicating that a resource is published or produced by or for an international, national, state, provincial, or local government agency, or by any subdivision of such a body.

URI(s)  
- <http://id.loc.gov/vocabulary/mgovtpubtype>

#### Scheme Members

Policy, Training, and Cooperative Programs Division

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The screenshot shows the Library of Congress MARC21 editor interface. The 'Carrier type' dropdown menu is open, showing the option 'volume (nc)'. The interface includes a left sidebar with a 'Work' section containing various metadata fields like 'Expression of [search for a Hub]', 'Creator of Work', 'Title information', etc. The main area displays the MARC21 record with fields like '290 280', '290', 'cam a22', 'i 4500', '001 id1', '003 DLC', '005 20241212163939.0', '007 t|', '008 241212|', '758 \$4 http://id.loc.gov/ontologies/bibframe/instanceOf', '758 \$1 http://id.loc.gov/resources/instances/e0009686', and '884 \$a DLC bibframe2marc v2.9.0 (libxslt) \$g 2024121216'. The 'Carrier type' dropdown is highlighted with a red box, and the 'volume (nc)' option is selected.

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Menu Tools View Preferences Layouts Save Validate Post

Work

- Expression of [search for a Hub]
- Creator of Work
- Title information
- Contributors
- Notes about the Work
- Contents
- Summary
- [SH]: No Heading
- Geographic coverage
- Genre/Form
- Classification numbers
- Intended audience
- Content type
- Language (008 [1st], 041 \$a [others])
- Language resource (041 \$bdefgt)
- Language note (041 \$hijkmpqr or 041 1#)
- Illustrative content
- Color content
- Supplementary content
- Government publication
- Input transcribed series
- Search series Hub (optional)
- Search related work
- Script
- Date of Work
- Country of origin of the Work
- (Time) coverage of the content
- Dissertation
- Add BIBFRAME Instance
- Admin Metadata

Language note (041 \$hijkmpqr or 041 1#)

Language code

2.9.0 2.8.0

2.9.0

cam a22 i 4500

001 1d1

Illustrative content

- charts (chr)
- coats of arms (coa)
- facsimiles (fac)
- forms (for)
- genealogical tables (gnt)
- illustrations (ill)
- maps (map)
- music (mus)
- phonodisc (pho)
- photographs (pht)
- plans (pln)
- plates (plt)
- portraits (por)
- samples (sam)

ISSN

Series enumeration

Applies to

Search series Hub (optional)

Relationship

Search series Hub

Series enumeration

Search related work

Relationship

Search related work

Script

2.9.0 2.8.0

cam a22 i 4500

001 1d1

charts (chr)

coats of arms (coa)

facsimiles (fac)

forms (for)

genealogical tables (gnt)

illustrations (ill)

maps (map)

music (mus)

phonodisc (pho)

photographs (pht)

plans (pln)

plates (plt)

portraits (por)

samples (sam)

000 0

\$0 http://id.loc.gov/vocabulary/car

nc.gov/ontologies/bibframe/instanceOf

nc.gov/resources/instances/e0009686

2marc v2.9.0 (1bxs1t) \$g 2024121218

coding="UTF-8">

c="http://www.loc.gov/MARC21/slim">

ce="preserve"> cam a22 i 45

ml:space="preserve" tag="001">id1</m

ml:space="preserve" tag="003">DLC</m

ml:space="preserve" tag="005">202412

ml:space="preserve" tag="007">t|</ma

ml:space="preserve" tag="008">241212

"338" ind1=" " ind2=" ">

le="a">volume</marc:subfield>

le="b">nc</marc:subfield>

le="0">http://id.loc.gov/vocabulary/c

"758" ind1=" " ind2=" ">

le="4">http://id.loc.gov/ontologies/b

de="1">http://id.loc.gov/resources/wo

tag="758" ind1=" " ind2=" ">

<marc:subfield code="1">http://id.loc.gov/resources/in

</marc:datafield>

<marc:datafield tag="884" ind1=" " ind2=" ">

<marc:subfield code="a">DLC bibframe2marc v2.9.0 (libx

<marc:subfield code="g">20241212185116.0</marc:subfield

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Home - LC Linked Data Service: id.loc.gov

The Library of Congress > Linked Data Service

ID.LOC.GOV

Linked Data Service

About

Search

Download

Technical Center

Contact Us

Privacy Policy

ID.LOC.GOV - Linked Data Service

ID.LOC.GOV provides both interactive and machine access to commonly used ontologies, controlled vocabularies, and other lists for bibliographic description. To search everything, use the search box below. Or, select from the list below to learn more and search only in that vocabulary.

Search id.loc.gov GO

BIBFRAME

- BIBFRAME Works
- BIBFRAME Instances
- BIBFRAME Hubs

Subjects, Thesauri, Classification

- LC Subject Headings (LCSH)
- LC Classification (LCC)
- LC Children's Subject Headings
- LC Medium of Performance Thesaurus for Music (LCMPT)
- LC Demographic Group Terms (LCDGT)
- Thesaurus for Graphic Materials (TGM)
- AFS Ethnographic Thesaurus
- Subject Schemes
- Classification Schemes

Cataloging

- Aspect Ratio
- Authentication Action
- Book Format
- Broadcast Standard
- Carriers
- Color Content
- Content Types
- Description Conventions
- Sound Capture and Storage
- Encoding Format
- Encoding Level
- File Type
- Font Size
- Generation
- Government Publication Type
- Groove Width/Pitch/Cutting

Ontologies

- BIBFRAME Ontology
- BIBFRAME LC Extension Ontology
- MADS/RDF Ontology
- PREMIS Ontology

Data Types

- Extended Date/Time Format Datatypes
- Scheme
- Code Datatypes
- Identifier Datatypes

Preservation Vocabularies

- Preservation Vocab (all)
- Actions Granted

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# Lookups

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## Lookups

### BIBFRAME Work Elements

- Contributors
- Creator of Work
- Dissertation > Institution
- Expression of
- Genre/Form
- Geographic coverage
- Search related Work
- Search series Hub
- Subjects

### Authoritative Sources

- Library of Congress Children's Subject Headings (CYAC)
- Library of Congress Genre/Form Terms (LCGFT)
- Library of Congress Name Authority File (LC NAF)
- Library of Congress Subject Headings (LCSH)

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Menu Tools View Preferences Layouts Save Validate Post tsod (jr13)

Work Instance

Expression of [search for a Hub]  
Expression of [search for a Hub]

2.9.0 2.8.0  
2.9.0

Creator of Work  
Person  
Search LCNAF  
Relationship designator

Title information  
Work title  
Non-sort character count  
0  
Preferred title for Work  
Part number  
Part name

Contributors  
Person  
Search LCNAF  
Relationship designator

Notes about the Work  
Note  
Note type

Search LCNAF

<?xml version="1.0" encoding="UTF-8">  
<marc:record xmlns:marc="http://www. ...>  
<marc:leader xml:space="preserve">  
<marc:controlfield xml:space="pres...>  
<marc:controlfield xml:space="pres...>  
<marc:controlfield xml:space="pres...>  
<marc:controlfield xml:space="pres...>  
<marc:datafield tag="758" ind1=" ...>  
<marc:subfield code="4">http://i...>  
<marc:subfield code="1">http://i...>  
</marc:datafield>

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Menu Tools NAF All NAF Personal Names NAF Corporate Name NAF Name/Title  
NAF Title NAF Geographic NAF Conference Name NAF Auth Names  
NAF Geo SubDiv Wikidata

Left Anchored Keyword << < Page 1 of 7 > >>

willems, mo willems, mo

Search

Willems, Mo  
Willems, Mo. Gen da huo er shuo xie xie! (USE Willems, Mo. Thank you bo...  
Willems, Mo. Wo de xin wan ju! (USE Willems, Mo. I love my new toy! Chine...  
Willems, Mo. Wo jiu xi huan gan shui! (USE Willems, Mo. I really like slop! C...  
Willems, Mo. Wo yao da ge dun er! (USE Willems, Mo. I will take a nap! Chi...  
Willems, Mo. !Esperar no es facil! (USE Willems, Mo. Waiting Is Not Easy! S...  
Willems, Mo. !Estamos en un libro! (USE Willems, Mo. We are in a book! Sp...  
Willems, Mo. !Hoy volare! (USE Willems, Mo. Today I will fly! Spanish)  
Willems, Mo. !No dejes que la paloma conduzca el autobus! (USE Willems, ...  
Willems, Mo. ?Debo compartir mi helado? (USE Willems, Mo. Should I shar...  
Willems, Mo. "Zhe shi wo de," wei shen me yao fen gei ni? (USE Willems, M...  
Willems, Mo. =パーティーによばれましたよ (USE Willems, Mo. I am inviter...  
Willems, Mo. Aie! Ma trompe! (USE Willems, Mo. I broke my trunk! French)  
Willems, Mo. An twaeyo, an twae! (USE Willems, Mo. That is not a good ide...  
Willems, Mo. Ardillas ilimitadas (USE Willems, Mo. Unlimited squirrels. Spar...  
Willems, Mo. Are you ready to play outside? Chinese

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The screenshot shows the NAF editor interface. On the left, a search bar contains 'willems, mo'. Below it, a list of search results is displayed, with 'Willems, Mo' selected. The main panel on the right shows the detailed record for 'Willems, Mo'. The record includes the following fields:

- PersonalName:** [view on id.loc.gov](#)
- Non-Latin Authoritative Labels:**
  - モー・ウィレムズ @ zxx-Jpan
- Variants:**
  - Mō Wiremuzu
  - モー・ウィレムズ
- LC Classification:**
  - PS3623.I555 (dlc)
  - PZ7.W65535 (dlc)
- Birth Place:**
  - Chicago (Ill.)
- Field of Activity:**
  - (lcsh) Children's literature
  - (lcsh) Illustration of books
- Occupation:**
  - (lcsh) Cartoonists
  - (lcsh) Animators
  - (lcsh) Authors

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This screenshot is similar to the one above, but with additional annotations. A red box highlights the 'PersonalName' field and its link to 'view on id.loc.gov'. A red arrow points from this box to another red box that also contains the text 'PersonalName view on id.loc.gov'. The search results and the detailed record for 'Willems, Mo' are the same as in the previous screenshot.

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Menu To

NAF All NAF Personal Names NAF Corporate Name NAF Name/Title

NAF Title NAF Geographic NAF Conference Name NAF Auth Names

NAF Geo SubDiv Wikidata

Left Anchored Keyword

Search

willems, mo

Willems, Mo

Willems, Mo. Gen da huo er shuo xie xie! (USE Willems, Mo. Thank you boc  
Willems, Mo. Wo de xin wan ju! (USE Willems, Mo. I love my new toy! Chine  
Willems, Mo. Wo jiu xi huan gan shui! (USE Willems, Mo. I really like slop! C  
Willems, Mo. Wo yao da ge dun er! (USE Willems, Mo. I will take a nap! Chi  
Willems, Mo. !Esperar no es facil! (USE Willems, Mo. Waiting Is Not Easy! S  
Willems, Mo. !Estamos en un libro! (USE Willems, Mo. We are in a book! Sp  
Willems, Mo. !Hoy volare! (USE Willems, Mo. Today I will fly! Spanish  
Willems, Mo. !No debes que la paloma conduzca el autobus! (USE Willems,  
Willems, Mo. ?Debo compartir mi helado? (USE Willems, Mo. Should I shar  
Willems, Mo. "Zhe shi wo de," wei shen me yao fen gei ni? (USE Willems, M  
Willems, Mo. = パーティーによばれましたよ (USE Willems, Mo. I am inviter  
Willems, Mo. Aie! Ma trompe! (USE Willems, Mo. I broke my trunk! French)  
Willems, Mo. An twaeyo, an twae! (USE Willems, Mo. That is not a good ide  
Willems, Mo. Ardillas ilimitadas (USE Willems, Mo. Unlimited squirrels. Spar  
Willems, Mo. Are you ready to play outside? Chinese

Willems, Mo

PersonalName  
[view on id.loc.gov](#)

Non-Latin Authoritative Labels:

- モー・ウィレムズ @ zxx-Jpan

Variants:

- M6 Wiremuzu
- モー・ウィレムズ

LC Classification:

- PS3623.I555 (dlc)
- PZ7.W65535 (dlc)

Birth Place:

- Chicago (Ill.)

Field of Activity:

- (lcsh) Children's literature
- (lcsh) Illustration of books

Occupation:

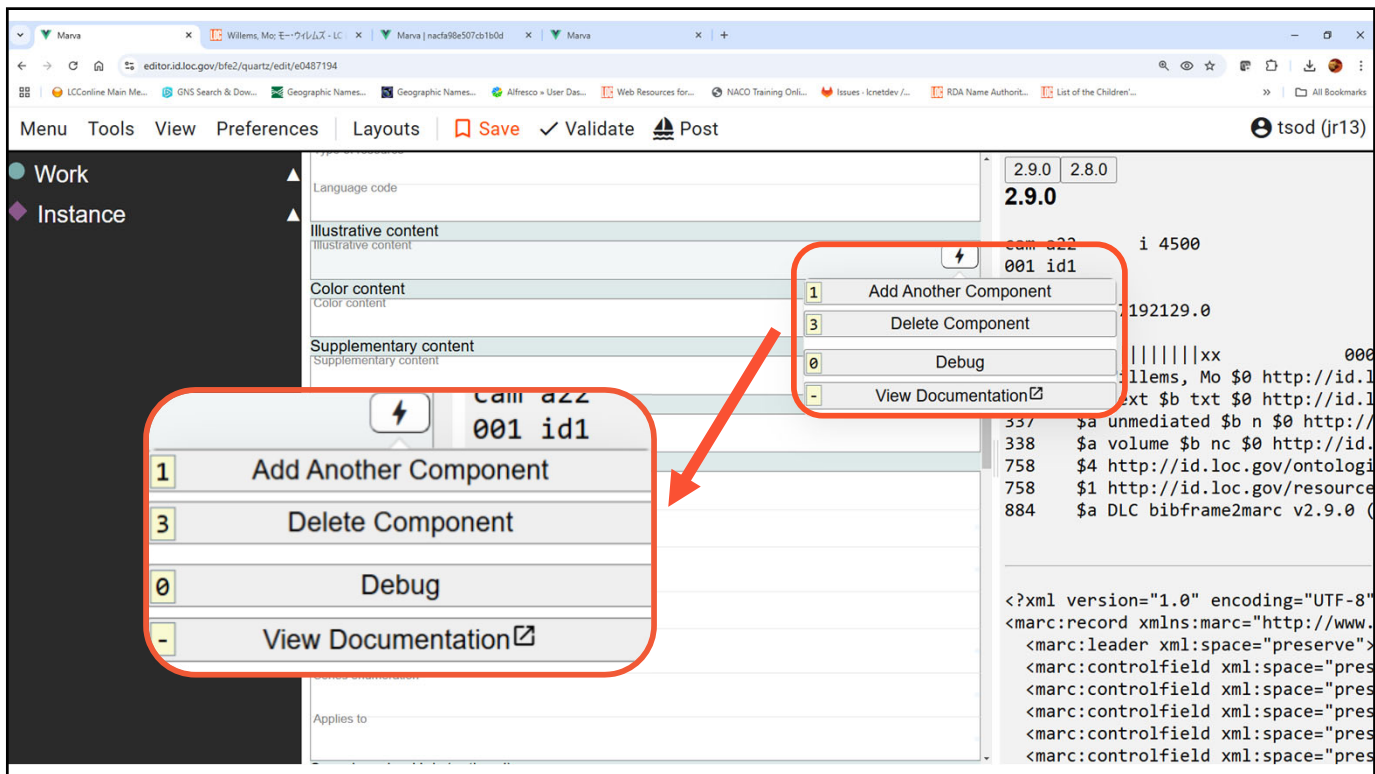
- (lcsh) Cartoonists
- (lcsh) Animators
- (lcsh) Authors

Shift + Enter

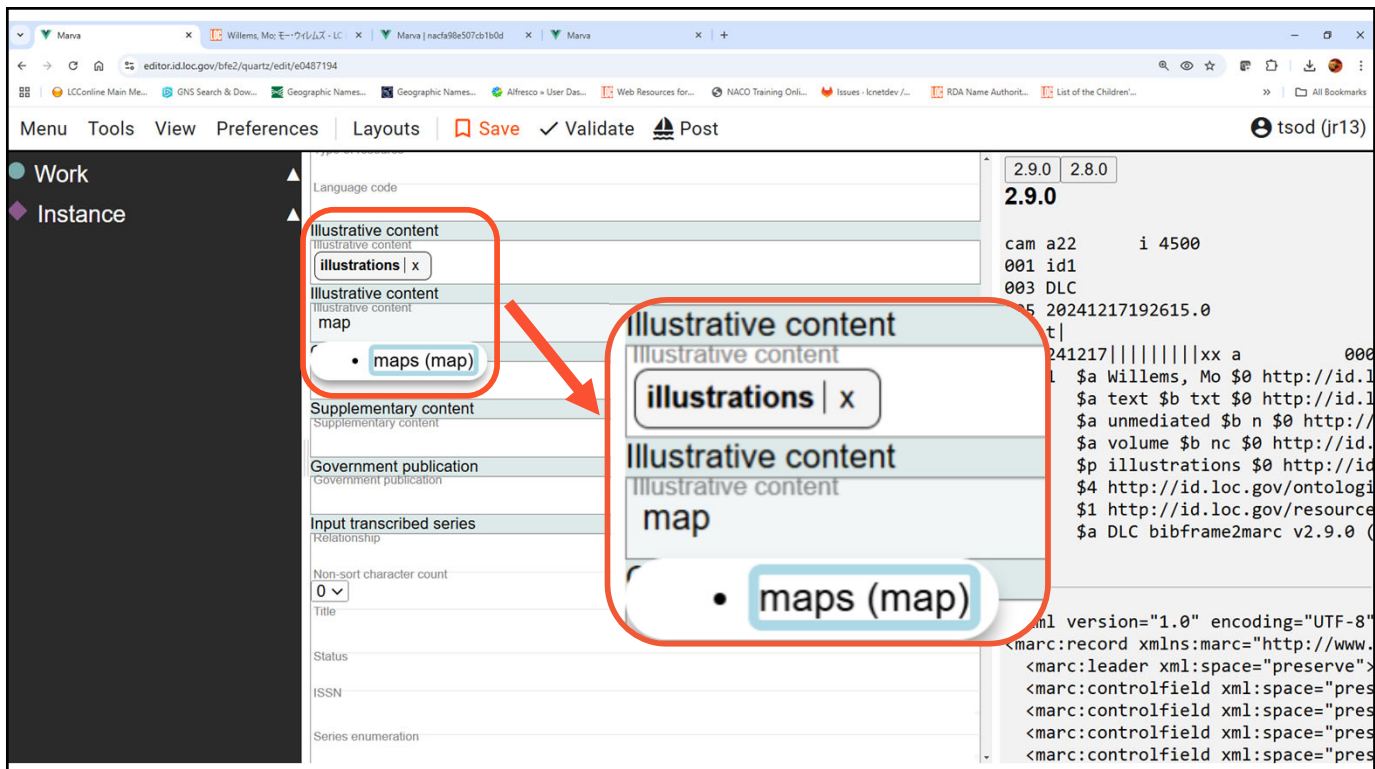
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## The Lightning Bolt Menu

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Menu Tools View Preferences Layouts Save Validate Post

Work Instance

Expression of [search for a Hub]  
Expression of [search for a Hub]

Creator of Work  
Person  
Willems, Mo x  
Relationship designator  
author x illustrator x

Work title  
Non-sort character count  
0  
Preferred title for W

Part number  
Part name

Contributor  
Person  
Willems, Mo x  
Relationship designator  
author x illustrator x

Notes  
Note type

2.9.0 2.8.0  
2.9.0  
cam a22 i 4500  
001 id1  
003 DLC  
005 20241217193022.0  
007 t|  
008 241217|||||||xx a 000 a  
100 1 \$a Willems, Mo \$e author \$e illustrator \$4 http://id.loc.gov/vocabulary/relators/author  
336 \$a text \$b txt \$0 http://id.loc.gov/vocabulary/relators/text  
337 \$a unmediated  
338 \$a volume  
340 \$p illustration  
758 \$4 http://id.loc.gov/vocabulary/relators/frame/instance  
758 \$1 http://id.loc.gov/vocabulary/relators/instance/e048719  
884 \$a DLC b

\$e author  
\$e illustrator

<?xml version="1.0" encoding="UTF-8"?>  
<marc:record xmlns:marc="http://www.loc.gov/MARC21/slim">  
<marc:leader xml:space="preserve"> cam a22  
<marc:controlfield xml:space="preserve" tag="001">id1  
<marc:controlfield xml:space="preserve" tag="003">DLC  
<marc:controlfield xml:space="preserve" tag="005">20241217193022.0  
<marc:controlfield xml:space="preserve" tag="007">t|

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Menu Tools View Preferences Layouts Save Validate Post

Work Instance

URL

Immediate source of acquisition note  
Immediate source of acquisition

Applicable institution

Media type  
Media type

Extent  
007 t|  
008 241217

1 Add Another Component  
2 Insert Default Values  
3 Delete Component  
0 Debug  
- View Documentation

Projected publication date (YYMM)  
Projected publication date (YYMM)

2.9.0 2.8.0  
2.9.0  
cam a22 i 4500  
001 id1  
003 DLC  
005 20241217191146.0  
007 t|  
008 241217|||||||xx 000  
Willems, Mo \$0 http://id.1  
http://id.loc.gov/ontologi  
http://id.loc.gov/resource  
LC bibframe2marc v2.9.0 (

<?xml version="1.0" encoding="UTF-8">  
<marc:record xmlns:marc="http://www.  
<marc:leader xml:space="preserve">  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:datafield tag="100" ind1="1"  
<marc:subfield code="a">Willems,  
<marc:subfield code="0">http://i

22



Menu Tools View Preferences Layouts Save Validate Post tsod (jr13)

Work Instance

Media type  
Media type  
unmediated | x

Extent  
Extent

Note

Applies to

Dimensions  
Dimensions

Carrier type  
Carrier type  
volume | x

URL of Instance  
URL

Projected publication date (YYMM)  
Projected publication date (YYMM)

2.9.0 2.8.0  
2.9.0

cam a22 i 4500  
001 id1  
003 DLC  
005 20241217192129.0  
007 t|  
008 241217|||||||xx 000  
100 1 \$a Willems, Mo \$0 http://id.1  
336 \$a text \$b txt \$0 http://id.1  
337 \$a unmediated \$b n \$0 http://  
338 \$a volume \$b nc \$0 http://id.  
758 \$4 http://id.loc.gov/ontologi  
758 \$1 http://id.loc.gov/resource  
884 \$a DLC bibframe2marc v2.9.0 (

<?xml version="1.0" encoding="UTF-8"  
<marc:record xmlns:marc="http://www.  
<marc:leader xml:space="preserve">  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres

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Menu Tools View Preferences Layouts Save Validate Post tsod (jr13)

Work Instance

Summary  
Summary note

Subjects  
Subject components  
Search LCSH/LCNAF  
Thesaurus

001 id1  
003 DLC

1 Add Another Component  
2 Insert Default Values  
3 Delete Component  
4 Make Primary Heading  
0 Debug  
- View Documentation

1 Add Another Component  
2 Insert Default Values  
3 Delete Component  
4 Make Primary Heading  
0 Debug  
- View Documentation

2.9.0 2.8.0  
2.9.0

cam a22 i 4500  
001 id1  
003 DLC  
005 20241217192129.0  
007 t|  
008 241217|||||||xx a 000  
100 1 \$a Willems, Mo \$e author \$e i  
ext \$b txt \$0 http://id.1  
nmediated \$b n \$0 http://  
olume \$b nc \$0 http://id.  
llustrations \$0 http://id.  
http://id.loc.gov/ontologi  
758 \$1 http://id.loc.gov/resource  
884 \$a DLC bibframe2marc v2.9.0 (

<?xml version="1.0" encoding="UTF-8"  
<marc:record xmlns:marc="http://www.  
<marc:leader xml:space="preserve">  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres  
<marc:controlfield xml:space="pres

Cutter Calculator  
Willems, Mo  
.W5

• [Cutter Table](#)  
• [Biography Table](#)  
• [Translation Table](#)

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## Tips for Using Lookups

- You may need to enter the entire string for the desired heading to appear in the list.
- Lookups are sometimes sensitive to case, punctuation, and spacing. You may need to capitalize and punctuate the data exactly as it appears in the controlled vocabulary.
- You may want to search id.loc.gov or ClassWeb Plus directly for a specific heading.

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## Thank you for watching!

More information can be found at

<https://staff.loc.gov/sites/lstraining/bibframe-training-for-lc-staff/>