

UXPROD-1241

Analytical records; bound with - part 2: link multiple bibs to the same item
Presentation for Developers 8/19/2020

Working group:

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Our collections

	5 Colleges	Chicago	Cornell	Duke	ZBW (GBV library)
Total numbers for bibliographic records		~ 6,5 mill bibs			~ 4 mill bibs
Bound with		29,379	Several hundred thousand?	187,000	23,914
Analytics		280,049			2,6 mill

Glossary

Bound-with:

A physical object where two or more titles are joined together under one cover.

The object is represented in a system as a single item which links to more than one bibliographic record.

Analytics:

A bibliographic record for an individual work in a monographic series.

Alternatively, a bibliographic record for an article in a journal or newspaper, or for a chapter in a book.

Analytics for monographic series are common in libraries. Analytics for journal articles or book chapters are much less common. Sometimes called “analytic entry.”

10 most important usecases for

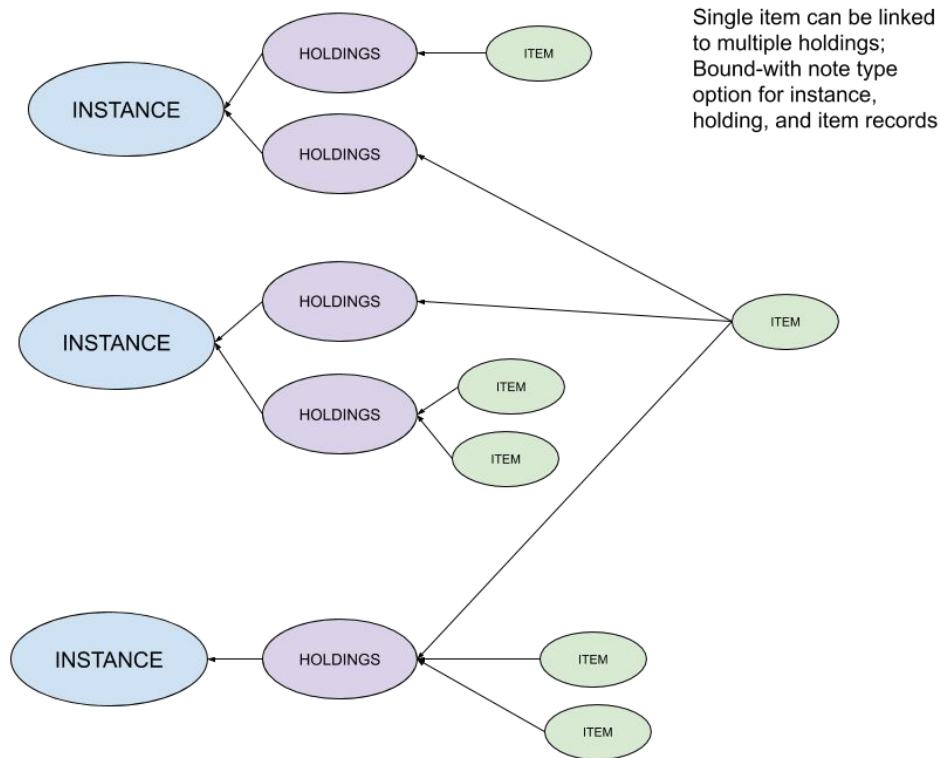
Bound-with:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Analytics:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Data model: 1 shared item linked to multiple holdings records



Item record. Check box to display in top of Item record

Instance: authentic, test
Holdings: Main Library >

Item record book Checked out Bound with


Effective location for item **Effective call number string**
Main Library

^ **Administrative data**

Record last updated: 6/2/2020 9:40 AM

Item HRID	Item barcode	Accession number
it000000000099	53534	-
Item identifier	Former identifier	-
-	-	-
Statistical code type	Statistical code	-
-	-	-

^ **Item data**



Add accordion at bottom of item record for linked instance information

Bound-with titles

Instance HRID	Instance Title	Holdings HRID
inst0000000000017	Title 1	hol00000000000001
inst0000000000018	Title 2	hol00000000000002

Title 1, 2 copies

Instance record **The grapes of wrath [by] John Steinbeck. The Viking P...** The Viking Press, [c1939] Actions

[Collapse all](#)

Instance record text

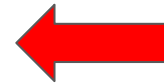
The grapes of wrath [by] John Steinbeck.

Holdings: Annex > PS3537.T3234 G737 1939 (holdings call number) View holdings Add item

Item: barcode	Status	Material type	Enumeration	Chronol
<input type="checkbox"/> 54321	Available	Book	-	-

Holdings: Books - Level 2 > BW XYZ 20 View holdings Add item

Item: barcode	Status	Material type	Enumeration	Chronol
<input type="checkbox"/> 206\$123	Available	Book	-	-



Shared item

Title 1, copy 2 holdings detail

^ Location

Holdings location

Permanent

Annex

Temporary

-

Shelving order

-

Shelving title

-

Holdings call number

Copy number

2

Call number type

-

Call number prefix

-

Call number

PS3537.T3234 G737 1939

Call number suffix

(holdings call number)

∨ Holdings details

^ Holdings notes

Notes are optional

Staff only

No

Bound with

Bound with "Critical essays on Steinbeck's Grapes of Wrath"

Title 2, 1 copy

Instance record Critical essays on Steinbeck's The grapes of wrath / [e...
G.K. Hall, 2020

Actions

Collapse all


Instance record text

Critical essays on Steinbeck's The grapes of wrath / [edited by] John Ditsky.

Holdings: Annex > PS3537.T3234 G83 2020
(holdings call number)


View holdings Add item

Item: barcode	Status	Material type	Enumeration	Chronol
54321	Available	Book	-	-



Item detail

Is it possible to add a constant to the title data--such as “And other titles”--when the item is linked to more than one holdings and/or when the “bound with” box is checked?



Instance: The grapes of wrath [by] John Steinbeck.. *The Viking Press, [c1939]* And other titles
Holdings: Annex > PS3537.T3234 G737 1939 (holdings call number)

Item record Book Available

Effective location for item **Effective call number string**
Annex PS3537.T3234 G737 1939 (item call number) (copy 2)

Administrative data

Record last updated: 7/21/2020 8:25 PM

Item HRID	Item barcode	Accession number
it000000000007	54321	-

Item identifier	Former identifier
-	-

Statistical code type	Statistical code
-	-

Item data

Material type
Book

Item call number	Call number prefix	Call number	Call number suffix
Call number type	-	PS3537.T3234 G737 1939	(item call number)

Copy number	Number of pieces	Description of pieces
(copy 2)	-	-

Enumeration data

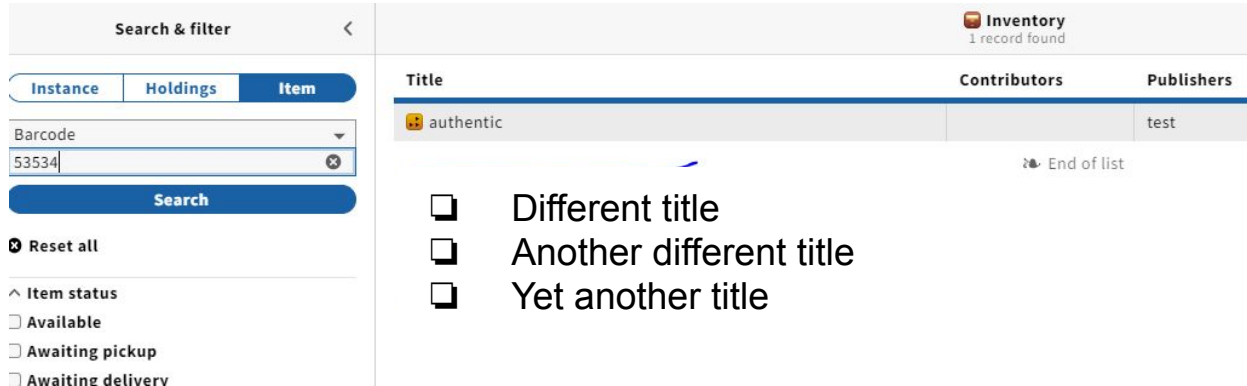
Condition

Item notes


Staff only	Copy note
Yes	copy 2 of Grapes of Wrath, copy 1 of Critical Essays...

Inventory. Search and filter

When barcode scanned (or other search for item-specific data) for item search in Inventory, all instances are displayed in results list.



The screenshot shows the 'Inventory' search interface. On the left, there is a 'Search & filter' sidebar with tabs for 'Instance', 'Holdings', and 'Item'. The 'Barcode' field contains '53534'. Below the search bar are buttons for 'Search' and 'Reset all'. Under 'Item status', there are checkboxes for 'Available', 'Awaiting pickup', and 'Awaiting delivery'. The main area shows the 'Inventory' header with '1 record found'. Below is a table with columns 'Title', 'Contributors', and 'Publishers'. The table contains one row with a yellow warning icon, the title 'authentic', and the publisher 'test'. Below the table is a blue arrow and the text 'End of list'.

Title	Contributors	Publishers
 authentic		test

- Different title
- Another different title
- Yet another title

Check out

Check out | Agreements | Check in | **Check out** | Courses | Data import | Apps | Circ Desk 2

Scan patron card

Scan or enter patron id **Enter**

Patron look-up

Borrower

Koss, Vito Barcode: 574640275318167

Patron group: Graduate | Status: Active | User expiration: 8/18/2020

Open loans: 2 | Fees/fines owed: 9999.99 | Open requests: 0

Patron blocks: -

Scan items

Scan or enter item barcode **Enter** | Total items scanned: 1 | **End session**

No. ▾	Barcode	Title	Loan policy	Due date	Time	
1	53534	authentic	OneHour	6/2/2020	9:43 AM	...

Can [and other titles] (or similar wording) be generated in the display if the item is marked “bound with”?

Check out | Agreements | Check in | **Check out** | Apps | Online

Scan patron card

960595246465651 **Enter**

Patron look-up

Borrower

Mraz, Kyleigh Tobin Barcode: 960595246465651

Patron Group: graduate | Status: Active | User Expiration: 12/18/2020

Scan items

Scan or enter item barcode **Enter** | Total items scanned: 1 | **End Session**

No. ▾	Barcode	Title	Loan policy
1	authentic	Authentic electronic records [and other titles]	Example Loan Policy

Request

Requests Agreements Check in Check out Courses Data export

× New request

Item information *

Item barcode boundwith2	Title Annual Report. <input type="checkbox"/> bound-with	Contributor Asylum for the Insane of the State of California
Effective location Annex	Effective call number string Asylum reports, 1859-1860 [v.2]	Requests on item 0
Item status Available	Current due date -	

Request information

Request type Page	Request expiration date <input type="text" value="YYYY-MM-DD"/>
-----------------------------	---

Requester information *

Enter

[Requester look-up](#)

should "bound with" display anywhere, maybe here? (generated from item data)

Patron notice

× **Request available** [Actions](#) ▾

Name
Request available

Active
Yes

Description

Category
Request

^ **Email**

Subject [Preview](#)
The title you requested is now available

Body
{{item.title}} -- this would need to include all titles and a generic note that only one represented the title that was requested

Possible note text:

“The title you requested is included in a volume with these titles: list of titles”

Or


“The title you requested is included in a volume beginning with this title: title 1”


Or just “With: title(s)”

Also pertains to recalls, overdue notices, etc.

Ex. from TAMU's catalog (7/30/2020)

Title: [Defensa de la silla apostolica contra su usurpador Napoleon.](#)
Publisher: México : La Oficina de Dona Maria Fernandez de Jauregui Calle de Stó. Domingo, Año de 1809.
Description: 23 pages ; 20 cm.
Subjects: [Napoleon I, Emperor of the French, 1769-1821.](#)
[Champagny, Jean-Baptiste Nompère de, duc de Cadore, 1756-1834.](#)
[Caprara, Giambattista, Cardinal, 1733-1810.](#)
[Gabrielli, Giulio, Cardinal, 1748-1822.](#)
[Catholic Church--France--History--19th century--Sources.](#)
[Church and state--France--History--19th century--Sources.](#)
[Church and state--Catholic Church--History--19th century--Sources.](#)
[Napoleonic Wars, 1800-1815--Religious aspects--Sources.](#)
[France--History--Consulate and First Empire, 1799-1815--Sources.](#)

Notes: Bound in a single volume which contains 22 titles and is cataloged under the call number of the second title, Exclamacion que hizo en brazos del cardenal Rinuccini.
Location: Cushing Colonial Mexican Imprint Coll (Does not check out)
[Map it!](#)
Call Number: DP204 .E92 1808  Text Call # [?](#)
Status: Available

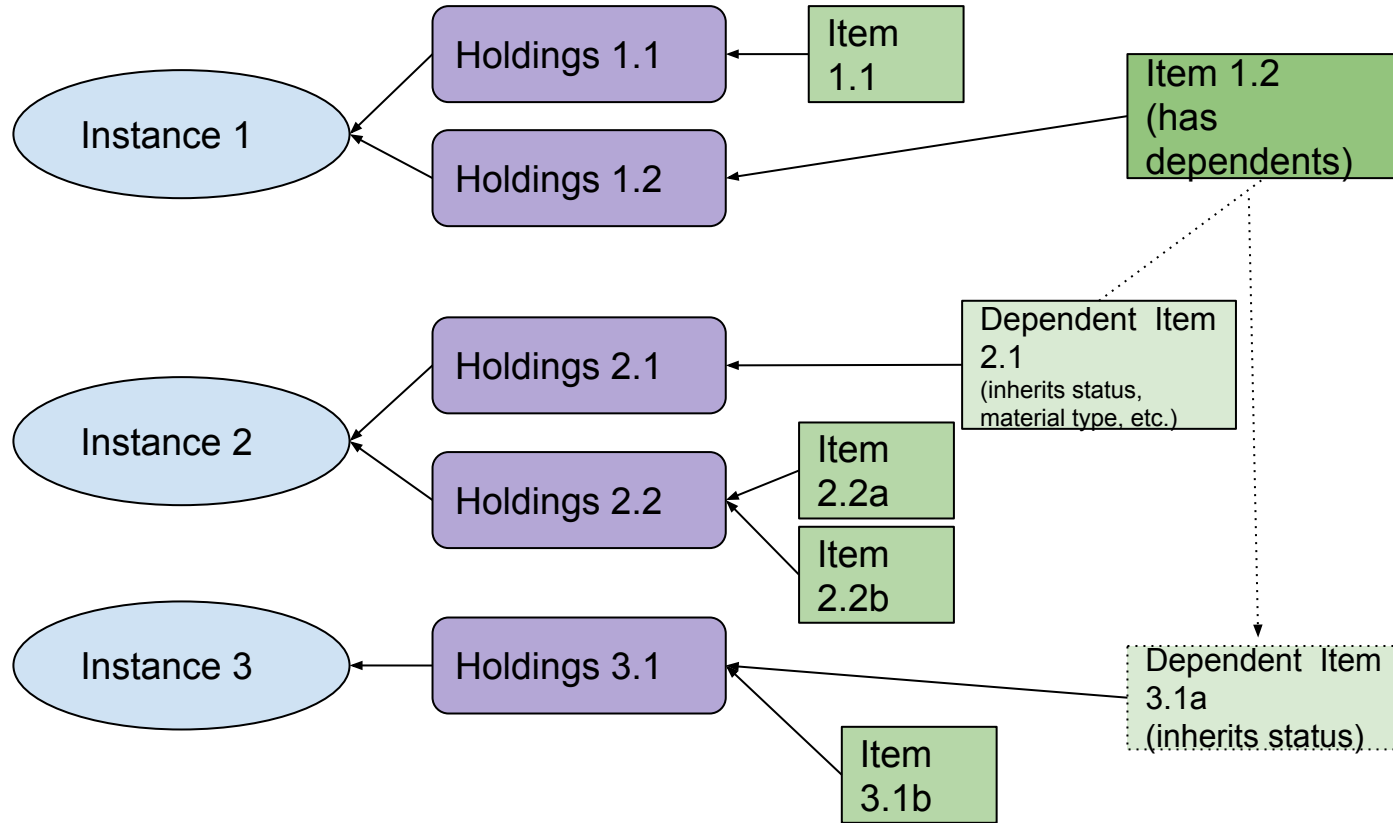
Notes: Bound in a single volume which contains 15 titles and is cataloged under the call number of the first title, Papeles varios de España.
Location: Cushing Colonial Mexican Imprint Coll (Does not check out)
[Map it!](#)
Call Number: DP204 .P36 1808  Text Call # [?](#)
Status: Available

Requested changes -- How possible? How big?

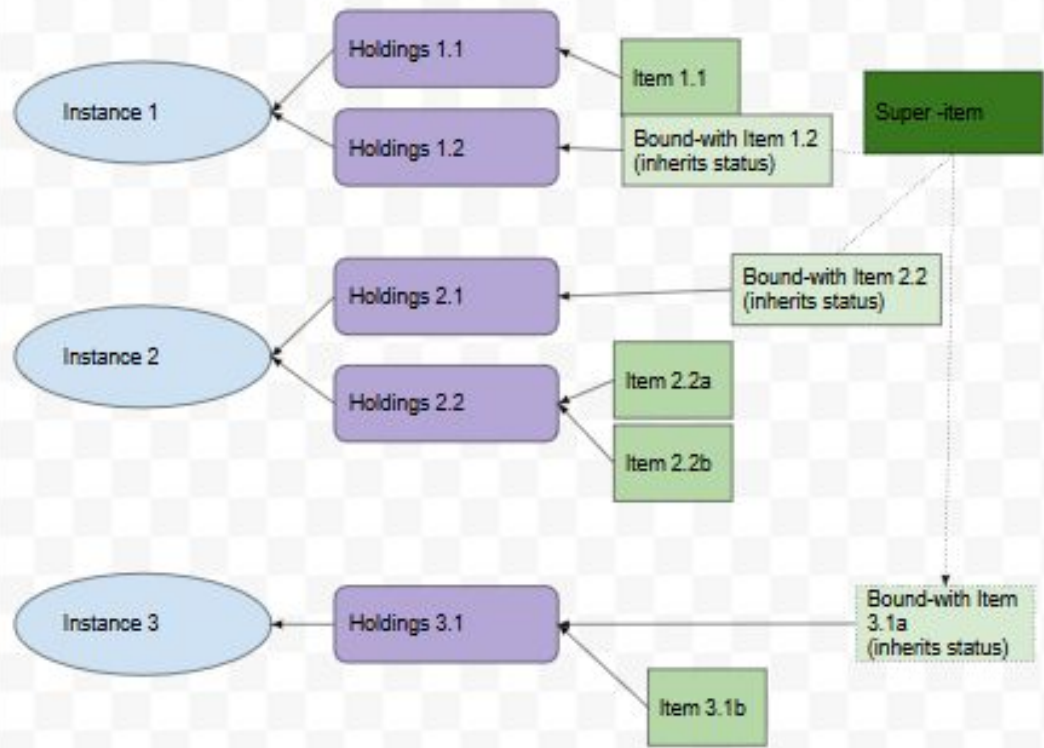
- 1) Allow item to link to more than one holdings record (major change to data model)
- 2) Add display element to item to indicate bound-with-ness
- 3) Add constant display text to title in various displays
- 4) Add accordion/element to item record: bound-with titles (similar to related instances element in Instance record)
- 5) Other options we haven't considered?

Alternative model for bound-withs:
linking at item level

Model 2: Primary/Dependent Items



Model 3: Super-Item



Presents many of the same issues as the single item linked to multiple holdings model?

Item elements (dependent items)

Required

Date created
Created by (user)
Date updated
Updated by (user)
HRID
Holdings UUID

Required, inherited from primary item, editable

Material type, term
Material type, category
Material type, source

Inherited from primary item, not editable

Location
Call number
Barcode
Item status (availability)
Permanent loan type

Inherited from primary item, editable

Suppression from discovery (yes/no)


All other item data elements are optional, all
editable

“Primary” item

 Instance record text

ABA Journal

^ Holdings: Annex > K1 .M44

Item: <u>barcode</u> ^	Status	Material type	Loan type	Effective location
<input checked="" type="checkbox"/> primary 	Available	bound-with	Can circulate	Annex

not suggesting we use “bound-with” as item material type -- though this is an existing option -- rather we would like an additional element (“make primary” / “make dependent”?) in the item data

Primary item display

×

Item record primary Available

Instance: ABA Journal. *American Bar Association, 1915-1983* *And other titles*
Holdings: Annex > K1 .M44

Item record bound-with Available Primary

Effective location for item **Effective call number string**

Annex

primary call number

^ Administrative data

Record last updated: 8/31/2020 11:28 AM

Item HRID

it000000000026

Item barcode

primary

Accession number

-

Item identifier

-

Former identifier

-

Statistical code type

Statistical code

Accordion at bottom to display/create links to dependent items

Dependent item display

✕ **Item record inherited from primary Available**

Instance: New test title.
Holdings: Main Library > ZZ39.50 *And other titles*

Item record bound-with Available , **Dependent**

Effective location for item **Effective call number string**
Main Library inherited

^ **Administrative data**

▼ Record last updated: 8/31/2020 11:37 AM

Item HRID	Item barcode	Accession number
it000000000027	inherited from primary	-
Item identifier	Former identifier	
-	-	
Statistical code type	Statistical code	

Accordion at bottom, displaying link to “primary item” and other dependent items?

Add accordion at bottom of item record for linked item information

Bound-with titles

Item HRID	Instance HRID	Instance Title	Holdings HRID
item0000000000022	inst000000000017	Title 1	ho0000000000001
item0000000000023	inst000000000018	Title 2	ho0000000000002
item0000000000034	inst0000000000031	Title 3	ho0000000000031
item0000000000035	inst0000000000031	Title 3	ho0000000000032
item0000000000036	inst0000000000042	Title 4	ho0000000000039
item0000000000037	inst0000000000042	Title 4	ho0000000000039

Germany. Modelling bound-with in CBS -> FOLIO

Link to document from Felix Hemme:

<https://docs.google.com/document/d/1Y5n78Hdfx8oYW-yn6hrI5Yhc3UmnvN3jWdQ7Rjnfy3k/edit>

Needed in Folio

- Store an item barcode in just one item. The barcode is then automatically assigned to the other, linked items through the creation of a bound-with relationship.
- Be able to search by barcode and see all associated records (items/instances).
- Show all items that are linked together as bound-withs.