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Implementing FRBR Concepts for  
Serials: The University of Iowa Libraries  
Experience

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# **IMPLEMENTING FRBR CONCEPTS FOR SERIALS: THE UNIVERSITY OF IOWA LIBRARIES EXPERIENCE**

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**Research Libraries Discussion Group**

**ALA Midwinter, Jan 12, 2008, Philadelphia, PA**

# WHAT I'LL COVER

- Basic information about institution and practices
- Basics of FRBR in Primo
- FRBR & serials
- Problems
- Alterations to our workflow & records
- Future improvements



# SIZE OF THE UNIVERSITY OF IOWA

- 27,298 FTE students
- 4.8 million volumes
- 57,382 current serials
- 168,425 serial titles in catalog
- Recon not complete for less than 5000 serials
- Full federal depository



# SOFTWARE

- ILS: Aleph - *InfoHawk*
- Link Resolver: SFX - *InfoLink*
- Marc record service: *MARCit*
- Next generation catalog: Primo - *SmartSearch*



# SHARED RECORDS

- We do not have a consortial catalog
- We do not share any records
- Catalog includes records for Law Library and State Historical Society



# CATALOGING BEFORE PRIMO

- 33,350 serial titles shelved by main entry
- Recon is a wide mix of manually entered records, and includes latest title and successive records
- Most serials include ISSN (if one is on piece)
- Few serials include OCLC 035
- Single record approach used
- Batchloading only for aggregator databases



# PRIMO TIMELINE

- Worked on implementation this summer
- Local soft release in late September  
<http://smartsearch.uiowa.edu>
- Full release on Friday, Jan. 11
- Next update will include a few changes to FRBR
- V.2 will come out late winter/early spring and will have significant FRBR improvements



# FRBR IN PRIMO

- Two separate functions—De-duplication and FRBRization
- Rules assess similarity between records. Those that meet a threshold for similarity will be merged together.
  - Dedup records are completely merged; individual records cannot be viewed in Primo but do have a link to Aleph catalog
  - FRBR records are merged for display, but also allow viewing of individual titles



# DE-DUPLICATION EXAMPLE

## Details

A woodland counting book



One record

Author: [Claudia McGehee 1963-](#) ;

Subjects: [Counting -- Juvenile literature](#) ; [Forest plants -- Juvenile literature](#) ; [Forest animals -- Juvenile literature](#) ;

Related Titles: Series: [A bur oak book](#)

Publisher: Iowa City : University of Iowa Press

Creation Date: c2006

Format: [28] p. : col. ill. ; 25 cm.

Language: English

[This item in the Library Catalog](#)

[This item in the Library Catalog](#)

[This item in the Library Catalog](#)

[View in WorldCat®](#)

Three links to ILS

Add to e-Shelf

On Shelf (GetIt)

### Availability and location:

**Available:**

- [Special Collections](#) University Archives (QA113 .M3935 2006 )
- [Curriculum Lab](#) (513.2 /M145w )
- [Iowa City Historical Library](#) Iowa Stacks (\* QA113 .M3935 2006 )

**Out of library :** • [Main](#) Library (QA113 .M3935 2006 )

Call numbers for all locations



# FRBR EXAMPLE

2

## [The wonderful wizard of Oz](#)



L. Baum (Lyman Frank), 1856-1919. NetLibrary, Inc.  
Champaign, Ill. : Project Gutenberg ; Boulder, Colo. : NetLibrary 199-?

Book


 [17 versions of this item in English published between 1903-2000](#)


Add to e-Shelf


[Online access \(GetIt\)](#)


Records clustered.  
Link to see all records.

Individual records  
in FRBR cluster

-  [The annotated Wizard of Oz: The wonderful Wizard of Oz...](#)  
L. Baum (Lyman Frank), 1856-1919. Michael Patrick Hearn  
New York, C. N. Potter 1973

Book  Add to e-Shelf [On Shelf \(GetIt\)](#)
-  [The Wizard of Oz.](#)  
L. Baum (Lyman Frank), 1856-1919. Allen Atkinson ill.  
New York: Little Simon c1985

Book  Add to e-Shelf [On Shelf \(GetIt\)](#)
-  [The new Wizard of Oz](#)  
L. Baum (Lyman Frank), 1856-1919. W Denslow (William Wallace),  
1856-1915.  
Chicago : M.A. Donohue c1903

Book  Add to e-Shelf [Check Availability \(GetIt\)](#)
-  [L. Frank Baum's the wonderful Wizard of Oz.](#)  
L. Baum (Lyman Frank), 1856-1919. Barry Moser ill.  
Berkeley : University of California Press c1986



# SERIALS RULES

- De-duplication slightly different for serials
  - 022 vs. 020
  - More flexibility regarding dates
  - Place of publication vs. Publisher and Pagination
- Locally added 776 x to comparison with 022 a – this should increase likelihood of different formats de-duplicating
- Locally adding OCLC 035 – this should increase likelihood of FRBRization instead of de-duplication – it will also help with older titles



# EXAMPLE OF SINGLE RECORD DISPLAY

1

## [PAJ : a journal of performance and art.](#)



Baltimore, MD : Published for PAJ Publications by the Johns Hopkins University Press c1998-

Journal

Add to e-Shelf

[Online access \(GetIt\)](#)

Single record. Online access shows on brief results.

Single link to Aleph catalog.

## PAJ : a journal of performance and art.

**Subjects:** [Performing arts -- Periodicals](#) ; [Drama -- Collections -- Periodicals](#) ;

**Related Titles:** Earlier Title:Performing arts journal

**Publisher:** Baltimore, MD : Published for PAJ Publications by the Johns Hopkins University Press

**Creation Date:** c1998-

**Format:** v. : ill. ; 26 cm.

**Language:** English



[This item in the Library Catalog](#)

[Online Access](#)

[View in WorldCat®](#)

Add to e-Shelf

[Online access \(GetIt\)](#)

### Availability and location:

- May be available:**
- [Main Library](#) (No call number)
  - [Electronic Resource](#) (For online access, see URL above)



# EXAMPLE OF DEDUP PRINT + ONLINE

1

[Wisconsin lawyer \(Online\)](#)

← Online record takes priority for display



Journal

State Bar of Wisconsin.  
Madison, WI : State Bar of Wisconsin c1989-

Add to e-Shelf

[Online access \(GetIt\)](#)

Single record. Online access shows on brief results.

**Wisconsin lawyer (Online)**

**Author:** [State Bar of Wisconsin](#) ;  
**Subjects:** [State Bar of Wisconsin -- Periodicals](#) ; [Bar associations -- Wisconsin -- Periodicals](#) ; [Law -- Wisconsin -- Periodicals](#) ;  
**Related Titles:** Earlier Title: [Wisconsin bar bulletin](#)  
**Publisher:** Madison, WI : State Bar of Wisconsin  
**Creation Date:** c1989-  
**Language:** English

- [This item in the Library Catalog](#)
- [This item in the Library Catalog](#)
- [Online Access](#)

Add to e-Shelf

[Online access \(GetIt\)](#)

Two links to Aleph catalog.

**Availability and location:**

**Available:** [Electronic Resource](#) (For online access, see URL above)

**May be available:** [Law Library](#) (KF200 .W573 )





# FRBR & SERIALS

- Fairly unusual in our catalog at this time
- Latest title and successive title records should FRBRize
  - Later title in successive should match with latest title record.
  - Earlier title in successive should not match
- Some title changes will FRBRize



# TITLE CHANGE

3

[American law register \(Philadelphia, Pa. : 1898 : Online\)](#)

University of Pennsylvania. Dept. of Law.  
Philadelphia, Pa. : The Department c1898-1907



Journal

[2 versions of this item in English published between 1852-1898](#)

Add to e-Shelf

[Online access \(GetIt\)](#)

More recent record  
takes priority for  
display

FRBR link

1

[American law register \(Philadelphia, Pa. : 1852 : Online\)](#)

Philadelphia, Pa. : D.B. Canfield & Co. 1852-1891



Journal

Add to e-Shelf

[Online access \(GetIt\)](#)

Later Title: American  
law register and  
review

2

[American law register \(Philadelphia, Pa. : 1898 : Online\)](#)

University of Pennsylvania. Dept. of Law.  
Philadelphia, Pa. : The Department c1898-1907



Journal

Add to e-Shelf

[Online access \(GetIt\)](#)

Earlier Title:  
American law register  
and review



# ONLINE + PRINT

1  **Journal**

[Current housing reports. H 170. American housing survey for the Chicago metropolitan area in ... \(Online\) \[Current housing reports. H 170. American housing survey for the Chicago metropolitan area in ... \(Online\)\]](#)

United States. Bureau of the Census.; United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Washington, DC : U.S. Dept. of Commerce, Economic and Statistics Administration, Bureau of the Census : U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research 1995

 [2 versions of this item in English published between 1987-1995](#)

Add to e-Shelf [Online access \(GetIt\)](#)

← Online record takes priority for display

← FRBR link

1  **Journal**

[Current housing reports. H-170. American housing survey for the Chicago metropolitan area in ...](#)

United States. Bureau of the Census.; United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Washington, DC : U.S. Dept. of Commerce, Bureau of the Census : For sale by Data Users Services Division, Customer Services Publications, Bureau of the Census 1990-

Add to e-Shelf [Online access \(GetIt\)](#)

← Print record.  
Published Washington DC, 1990-

2  **Journal**

[Current housing reports. H 170. American housing survey for the Chicago metropolitan area in ... \(Online\)](#)

United States. Bureau of the Census.; United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Washington, DC : U.S. Dept. of Commerce, Economic and Statistics Administration, Bureau of the Census : U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research 1995

Add to e-Shelf [Online access \(GetIt\)](#)

← Online record.  
Published Washington DC, 1995-



# LATEST & SUCCESSIVE TITLE PROBLEM

- Latest title serial may dedup with successive rather than FRBRize

1 [Iowa journal of history.](#)  
State Historical Society of Iowa.  
Iowa City : The State Historical Society of Iowa. 1903

Journal

Add to e-Shelf [Check Availability \(GetIt\)](#)

← No FRBR link

2 [The Iowa journal of history and politics.](#)  
State Historical Society of Iowa.  
Iowa City : State Historical Society of Iowa 1903-1948

Journal

Add to e-Shelf [Check Availability \(GetIt\)](#)

← Earlier title in successive title cataloging



# LATEST & SUCCESSIVE TITLE PROBLEM

**Iowa journal of history.**

**Author:** [State Historical Society of Iowa.](#) ;

**Subjects:** [Iowa -- History -- Periodicals](#) ;

**Additional Title:** Iowa journal of history and politics

**Related Titles:** Earlier Title: Iowa historical record

**Publisher:** Iowa City : The State Historical Society of Iowa.

**Creation Date:** 1903

**Format:** 59 v. plates (part fold.) maps. 24-27 cm.

**Language:** English

 [This item in the Library Catalog](#)

 [This item in the Library Catalog](#)

 [This item in the Library Catalog](#)

 [This item in the Library Catalog](#)

 [View in WorldCat®](#)

Covers v. 1-59; Jan. 1903-Apr. 1961. (Iowa j of history and politics 1903-1948)

Covers v. 1-59; Jan. 1903-Apr. 1961. (Iowa j of history and politics 1903-1948)

Covers Vol. 47, no. 1 (Jan. 1949)-v. 59, no. 2 (Apr. 1961)

Covers Vol. 47 (Jan. 1949)- v. 59, no. 2 (Apr. 1961).

Earlier title  
from latest  
title record

Add to e-Shelf

[Check Availability \(GetIt\)](#)



# UNRELATED TITLES PROBLEM

1



Journal

[Early American life \(2001 : Online\)](#)

Early American Society.

Camp Hill, PA : Celtic Moon Pub. c2001-

[2 versions of this item in English published in 2001](#)

Add to e-Shelf

[Online access \(GetIt\)](#)

1



Journal

[Early American life.](#)

Early American Society.

Gettysburg, Pa. : Early American Society. 19uu

Add to e-Shelf

[Check Availability \(GetIt\)](#)

← A publication about decorative arts

2



Journal

[Early American life \(2001 : Online\)](#)

Early American Society.

Camp Hill, PA : Celtic Moon Pub. c2001-

Add to e-Shelf

[Online access \(GetIt\)](#)

← A publication about dwellings



# SERIALS AND BOOKS PROBLEM

1

## [The London spy](#)



Edward Ward 1667-1731.

East Lansing : Colleagues Press 1993

Book

[2 versions of this item in English published between 1698-1993](#)

Add to e-Shelf

[On Shelf \(GetIt\)](#)

1



Book

## [The London spy](#)

Edward Ward 1667-1731.

East Lansing : Colleagues Press 1993

Add to e-Shelf

[On Shelf \(GetIt\)](#)

2



Journal

## [The London spy](#)

Edward Ward 1667-1731.

London 1698

Add to e-Shelf

[Check Availability \(GetIt\)](#)



# ALTERATIONS TO OUR WORKFLOW

- Major increase in batchloading
  - Packages
  - Consortial agreements
  - Free titles
  - Not loading records for individually purchased titles
- Backlog for serials catalogers based on the quality of the batchloaded record and the priority of the general category



# ALTERATIONS TO OUR RECORDS

- No changes due to FRBR in Primo
- Changes made for Primo
  - Should alter notes in some 856s to improve display
  - Removing some unneeded uniform titles
- Changes made for reasons other than Primo
  - Recataloging from latest title to successive title (project has predated primo)
  - Adding OCLC 035 to serials (unconnected to Primo but with the rules change it will have an impact)
  - Continue to make sure 776 x is correct
  - Making items for titles that lack them



# FUTURE IMPROVEMENTS

- Next update
  - Improving matching of long titles
  - Minor improvement matching on country codes and dates
- V.2 will include major changes to FRBR based on feedback from customers.
- Hopefully it will begin to link related titles



# CONCLUSION

- Really great for different formats
- Not fully live locally so it doesn't feel fully tested
- Complex title situations can be confusing
- “FRBR” still does not show serial title relationships
- Good matches rely on good data (good cataloging)



QUESTIONS? COMMENTS?

Thank you!

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