

Authority Control in Evergreen : The Straight Dope

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Authorities: why use them & what you can do in Evergreen

- Improve findability
 - Recognize terms entered by a patron, and point them to the authorized term used by catalogers. Also, browse!
- Increase cataloging uniformity
 - Make sure that catalogers have up-to-date information when cataloging new materials
- Decrease staff effort
 - Let the computer do the grunt work of updating and maintaining record content

Control Sets

- Default Evergreen control set: LOC
- Custom control sets for custom authority headings

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Control Sets

New Control Set

Delete Selected

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✓	#	Name	Description	Other properties
<input type="checkbox"/>	1	Astronomy Index	Local Authority Semantics	Thesauri (1) Authority Fields (1)
<input type="checkbox"/>	2	LoC	Library of Congress standard authority record control semantics	Thesauri (10) Authority Fields (48)
<input type="checkbox"/>	3	Music	Customized music headings	Thesauri (1) Authority Fields (1)

Thesauri

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Thesauri

[New Thesaurus](#)[Delete Selected](#)

Showing only thesauri linked to control set: [\(1\) LoC / Library of Congress standard authority record control semantics](#)

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✓	#	Thesaurus Code	Control Set	Name	Description
<input type="checkbox"/>	1	a	LoC	Library of Congress Subject Headings	
<input type="checkbox"/>	2	b	LoC	LC subject headings for children's literature	
<input type="checkbox"/>	3	c	LoC	Medical Subject Headings	
<input type="checkbox"/>	4	d	LoC	National Agricultural Library subject authority file	
<input type="checkbox"/>	5	k	LoC	Canadian Subject Headings	
<input type="checkbox"/>	6	n	LoC	Not applicable	
<input type="checkbox"/>	7	r	LoC	Art and Architecture Thesaurus	
<input type="checkbox"/>	8	s	LoC	Sears List of Subject Headings	
<input type="checkbox"/>	9	v	LoC	Repertoire de vedettes-matiere	
<input type="checkbox"/>	10				

Control Sets

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✓	#	Name	Description	Other properties
<input type="checkbox"/>	1	Astronomy Index	Local Authority Semantics	Thesauri (1) Authority Fields (1)
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<input type="checkbox"/>	3	Music	Customized music headings	Thesauri (1) Authority Fields (1)

Authority Fields

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Authority Fields

New Authority Field

Delete Selected

Showing only authority fields linked to control set: (1) LoC / Library of Congress standard authority record control semantics

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✓	#	Name	Description	Main Entry	Control Set	Tag	Subfield List	Joiner	Linking Subfield	Non-filing Indicator	Subfield List for Display	Controlled Bib Fields	Axes
<input type="checkbox"/>	1	Heading -- Personal Name			LoC	100	abcdefghijklm				abcdefghijklm	100. 600 700. 800	Author
<input type="checkbox"/>	2	Heading -- Corporate Name			LoC	110	abcdefghijklr				abcdefghijklr	110. 610 710. 810	Author
<input type="checkbox"/>	3	Heading -- Meeting Name			LoC	111	acdefgklng				acdefgklng	111. 611 711. 811	Author
		Heading										130. 240	

Authority Field configuration

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Authority Fields

[New Authority Field](#) [Delete Selected](#)

Showing only authority fields linked to control set: [\(1\) LoC / Library of Congress standard authority record control semantics](#)

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✓	#	Name	Description
<input type="checkbox"/>	1	Heading -- Personal Name	
<input type="checkbox"/>	2	Heading -- Corporate Name	
<input type="checkbox"/>	3	Heading -- Meeting Name	
<input type="checkbox"/>	4	Heading -- Uniform Title	

Name	Heading -- Personal Name
Description	
Main Entry	
Control Set	1
Tag	100
Subfield List	abcdefghijklmnopqrstvxyz
Joiner	
Linking Subfield	
Non-filing Indicator	
Subfield List for Display	abcdefghijklmnopqrstvxyz
Cancel	Save

Subfield List for Display	Control Set	Fields	Axes
abcdefghijklmnopqrstvxyz	100, 600, 700, 800		Autho
abcdefghijklmnopqrstvxyz	110, 610, 710, 810		Autho
abcdefghijklmnopqrstvxyz	111, 611, 711, 811		Autho
abcdefghijklmnopqrstvxyz	130, 240, 630, 730		Title

Authority Fields

Authority Fields

Showing only authority fields linked to control set: [\(1\) LoC / Library of Congress standard authority record control semantics](#)

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✓	#	Name	Description	Main Entry	Control Set	Tag	Subfield List	Joiner	Linking Subfield	Non-filing Indicator	Subfield List for Display	Controlled Bib Fields	Axes
<input type="checkbox"/>	1	Heading -- Personal Name			LoC	100	abcdefghijklm				abcdefghijklm	100. 600. 700. 800	Author
<input type="checkbox"/>	2	Heading -- Corporate Name			LoC	110	abcdefghijklr				abcdefghijklr	110. 610. 710. 810	Author
<input type="checkbox"/>	3	Heading -- Meeting Name			LoC	111	acdefgklng				acdefgklng	111. 611. 711. 811	Author
		Heading										130. 240.	

Adding Controlled Bib Fields

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Control Set Bib Fields [New Control Set Bib Field](#) [Delete Selected](#)

Showing only control set bib fields linked to authority field: [Heading -- Personal Name \(100 tabcdefklmnopqrstvxyz\)](#)

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✓	#	Tag	Controlling Authority Field
<input type="checkbox"/>	1	100	Heading -- Personal Name
<input type="checkbox"/>	2	600	Heading -- Personal Name
<input type="checkbox"/>	3	700	Heading -- Personal Name
<input type="checkbox"/>	4	800	Heading -- Personal Name

Authority Fields

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Authority Fields

New Authority Field

Delete Selected

Showing only authority fields linked to control set: (1) LoC / Library of Congress standard authority record control semantics

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Filter

✓	#	Name	Descriptio	Main Entry	Control Set	Tag	Subfield List	Joiner	Linking Subfield	Non-filing Indicator	Subfield List for Display	Controlled Bib Fields	Axes
<input type="checkbox"/>	1	Heading -- Personal Name			LoC	100	abcdefghijklm				abcdefghijklm	100, 600 700, 800	Author
<input type="checkbox"/>	2	Heading -- Corporate Name			LoC	110	abcdefghijklr				abcdefghijklr	110, 610 710, 810	Author
<input type="checkbox"/>	3	Heading -- Meeting Name			LoC	111	acdefgklng				acdefgklng	111, 611 711, 811	Author
		Heading										130, 240	

Browse Axes

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Browse Axes

New Browse Axis

Delete Selected

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✓	#	Code	Name	Description	Sorter Attribute
<input type="checkbox"/>	1	astronomytopic	Astronomy Topic	astronomy specific topics	Title
<input type="checkbox"/>	2	author	Author	Author axis	Title
<input type="checkbox"/>	3	subject	Subject	Subject axis	Title
<input type="checkbox"/>	4	title	Title	Title axis	Title
<input type="checkbox"/>	5	topic	Topic	Topic Subject axis	Title

Creating Authority Records

- Import new authority records
- Create a new authority record directly from the bib record

Import Authority Records

- Cataloging -> MARC Batch Import/Export
- Record Type = Authority Records

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Export Records Import Records Inspect Queue Record Display Attributes Merge / Overlay Profiles
Record Match Sets Holdings Import Profiles

Evergreen MARC File Upload

Record Type Authority Records

Create a New Upload Queue or Add to an Existing Queue

Record Match Set Limit matches to bucket

Holdings Import Profile

Select a Record Source oclc

Record Import Actions

Merge Profile

Import Non-Matching Records

Merge On Exact Match (901c)

Merge On Single Match

Merge On Best Match

Best/Single Match Minimum Quality Ratio 0.0 New Record Quality / Quality of Best Match

Insufficient Quality Fall-Through Profile

Copy Import Actions

Validate to check for linked authority record

Record Summary ([Add Volumes](#)) ([View MARC](#))

Title: A game of thrones

Edition:

TCN: 695174

Created By: admin

Author: Martin, George R. R.

Pub Date: 1996

Database ID: 695174

Last Edited By: admin

Bib Call #: 813/.54

Record Owner:

Last Edited On: 2012-12-18 10:35 AM

Record 3 of 4

Start

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End

Search Results

Actions for this Record

Options

☐ Stack subfields ☐ Flat-Text Editor ☐ Fast Item Add

Validate

Save Record

[Help](#)

MARC Record

040		#a DLC	#b eng	#c DLC	#d FIT	#d BAKER	#d NLGGC	#d BTCTA	#d YDXCP	#d OQP	#d JTH	#d O2H	#d SEA	#d DSR	#d CGU
-----	--	--------	--------	--------	--------	----------	----------	----------	----------	--------	--------	--------	--------	--------	--------

020			†a 9780553103540
-----	--	--	------------------

020			±a 0553103547
-----	--	--	---------------

020			±a 9780553386790 (pbk.)
-----	--	--	-------------------------

020			†a 0553386794 (pbk.)
-----	--	--	----------------------

035			#a (OCoLC) 33360758
-----	--	--	---------------------

050	0	0	#a PS3563.A7239	#b G36 1996
-----	---	---	-----------------	-------------

082	0	0	$\pm 813 / 54$	± 2.20
-----	---	---	----------------	------------

100	1	#a Martin, George R. R.
-----	---	-------------------------

245 1 2 +a A game of thrones / +e George R.R. Martin.

260		#a New York :	#b Bantam Books,	#c c1996.
-----	--	---------------	------------------	-----------

300		#a 694 p. : #b ill., maps ; #c 25 cm.
-----	--	---------------------------------------

490	1		tu 7 song of ice and fire : tu [bl: 1]
-----	---	--	--

Create New Authority record

1 Bib Record: 695174 +

Record Summary ([Add Volumes](#)) ([View MARC](#))

Title: A game of thrones

Author: Martin, George R. R.

Bib Call #: 813/.54

Edition:

TCN:

695174

Created By: admin

base ID: 695174

Last Edited By: admin

Record Owner:

Last Edited On: 2012-12-18 10:35 AM

Record 3 of 4

[Start](#)

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Options

☐ Stack subfields ☐ Flat-Text Editor

MARC Record

040			+a DLC +b eng +c DLC
020			+a 9780553103540
020			+a 0553103547
020			+a 9780553386790 (pbk.)
020			+a 0553386794 (pbk.)
035			+a (OCoLC) 33360758
050	0	0	+a PS3563.A7239 +b G36
082	0	0	+a 813/.54 +2 20
100	1		+a Martin, George R. R.
245	1	2	+a A game of thrones / +c George R.R. Martin.
260			+a New York : +b Bantam Books, +c c1996.
280			+a 604 p. : +b ill. ; +c 25 cm.

Create New Authority from this Field

Previous page

Clements, Andrew, / 1949-

See also: Elborn, Andrew, / 1949-

Clements, Andrew, / 1949-

See also: Elborn, Andrew, / 1949-

Green, Jane, / 1968-

See from: Warburg, Jane Green, / 1968-

Rowling, J. K. / Characters / Harry Potter.

Rowling, J. K. / Criticism and interpretation.

Green, Jane, / 1968-

See from: Warburg, Jane Green, / 1968-

Next page

[Actions for this Record](#)

[Help](#)

[XCP](#) [+d](#) OQP [+d](#) JTH [+d](#) O2H [+d](#) SEA [+d](#) DSR [+d](#) CGU

Create New Authority record

Record Summary ([Add Volumes](#)) ([View MARC](#))

Title: A gan **Edition:** **TCN:** 695174 **Created By:** admin

Author: Marti **Pub Date:** 1996

Bib Call #: 813/.5

Record 3 of 4

Options

☐ Stack subfields ☐ Flat-Text Editor

MARC Record

035			#a (COWS) 695324
035			#a (OCoLC) ocm33360758
040			#a DLC #b eng #c DLC
020			#a 9780553103540
020			#a 0553103547
020			#a 9780553386790 (pbk.)
020			#a 0553386794 (pbk.)
035			#a (OCoLC) 33360758
050	0	0	#a PS3563.A7239 #b G36
082	0	0	#a 813/.54 #2 20
100	1		#a Martin, George R. R.
245	1	2	#a A game of thrones / #c George R.R. Martin.
260			#a New York : #b Bantam Books, #c c1996.
300			#a 694 p. : #b ill., maps ; #c 25 cm.
490	1		#a A song of ice and fire : #v [bk. 1]

New Authority Record

Options

☐ Stack subfields ☐ Flat-Text Editor

MARC Record

Fixed Fields -- Record type: AUT

Type	z	Elvl	o		GeoDiv	Roman	CatLang
Kind		Rules		Subj		SerNum	NameUse
SubjUse		SerUse		TypeSubd		RefStatus	UpdStatus
Name		Status		ModRec		Source	

LDR			nz a22 o 4500
001			AUTOGEN-1395409809
008			
040			+a GAAPL +c GAAPL
100	1		+a Martin, George R. R.

Bibliographic record linking

Record Summary ([Add Volumes](#)) ([View MARC](#))

Title: A game of thrones

Author: Martin, George R. R.

Bib Call #: 813/.54

Edition:

Pub Date: 1996

TCN: 695174

Database ID: 695174

Record Owner:

Created By: admin

Last Edited By: admin

Last Edited On: 2012-12-18 10:35 AM

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Search Results

Actions for this Record

Options

☐ Stack subfields ☐ Flat-Text Editor ☐ Fast Item Add

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MARC Record

040			#a DLC #b eng #c DLC #d FIT #d BAKER #d NLGGC #d BTCTA #d YDXCP #d OQP #d JTH #d O2H #d SEA #d DSR #d CGU
020			#a 9780553103540
020			#a 0553103547
020			#a 9780553386790 (pbk.)
020			#a 0553386794 (pbk.)
035			#a (OCoLC)33360758
050	0	0	#a PS3563.A7239 #b G36 1996
082	0	0	#a 813/.54 #2 20
100	1		#a Martin, George R. R. #0 (GAAPL)37
245	1	2	#a A game of thrones / #c George R.R. Martin.
260			#a New York : #b Bantam Books, #c c1996.
300			#a 694 p. : #b ill., maps ; #c 25 cm.
490	1		#a A song of ice and fire ; #v [bk. 1]

Bibliographic record linking - Batch

`authority_control_fields.pl`

- Runs on the Evergreen server at the command line
- Can be run over all records, or a subset
- Only knows about a static copy of the stock LoC Control Set

Authority Search

- Cataloging -> Manage Authorities

1 Bib Record: 695174 2 Manage Authorities +

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Search term: martin

Authority type: Author

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Page: 0

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Submit

Actions

0 Clements, Andrew, 1949-

Control Set: LoC (#1)

Actions

0 Green, Jane, 1968-

Control Set: LoC (#1)

Actions

1 Martin, George R. R.

Control Set: None (#undefined)

Actions

1 Rowling, J. K. Characters Harry Potter.

Control Set: None (#undefined)

Actions

1 Rowling, J. K. Criticism and interpretation.

Control Set: None (#undefined)

Managing Authorities

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Search term: Authority type: [Previous](#) Page: [Next](#) [Submit](#)

Actions ▾	0 Christmas music	Control Set: LoC (#1)
Actions ▾	0 Christmas music	Control Set: LoC (#1)
Actions ▾	0 Christmas music	Control Set: LoC (#1)
Actions ▾	0 Kidnapping Fiction.	Control Set: None (#undefined)
Actions ▾	1 Middle Earth (Imaginary place)	Control Set: LoC (#1)
Actions ▾	0 Middle Earth (Imaginary place)	Control Set: LoC (#1)
Edit	0 Middle Earth (Imaginary place) test2	Control Set: LoC (#1)
Mark for Merge	0 Picture puzzles	Control Set: LoC (#1)
Delete	0 Picture puzzles	Control Set: LoC (#1)
Actions ▾	0 Picture puzzles	Control Set: LoC (#1)
Actions ▾	0 Police chiefs Fiction.	Control Set: None (#undefined)
Actions ▾	1 Police Virginia Richmond Fiction.	Control Set: None (#undefined)
Actions ▾	0 Policewomen Fiction.	Control Set: None (#undefined)

Editing Authority Records

Options

☐ Stack subfields☐ Flat-Text Editor[Validate](#)[Save \(D\)](#)[Help](#)

MARC Record

Fixed Fields -- Record type: AUT

Type	z	Elvl	n			GeoDiv		Roman		CatLang	
Kind	a	Rules	n	Subj	a	Series	n	SerNum	n	NameUse	b
SubjUse	a	SerUse	b	TypeSubd	n	GovAgn		RefStatus	a	UpdStatus	a
Name	n	Status	a	ModRec		Source					

LDR		00360nz a2200145n 4500
001		1
003		CONS
005		20111018171609.0
008		860211 anannbabn a ana
035		#a (DLC)sh 85085022
906		#t 9224 #u fk05 #v 0
010		#a sh 85085022
040		#a DLC #c DLC #d DLC
150		#a Middle Earth (Imaginary place)
550		#w g #a Imaginary places
953		#a xx00 #b ta25
901		#c 1 #t authority

Authority Propagation

- Bib-authority link tracking
- Automatic authority updating
 - Both are enabled by default
 - Can disable functionality through 2 Global Flags
 - Authority Automation: Disable bib-authority link tracking
 - Authority Automation: Disable automatic authority link tracking

Inter-authority linking

LDR	02258cz a2200265n 4500
001	39
003	CONS
005	20140304193213.0
008	130715n azannaabn a aaa
010	#a n 2013043083 #z no2013074568 #z no2013077005
035	#a (OCoLC)oca09520380
040	#a DLC #b eng #e rda #c DLC #d OCoLC #d DLC
046	#s 2013
053	0 #a PR6068.093
288 1	#a Galbraith, Robert
372	#a Crime fiction
372	#a Detective and mystery stories #2 lcsb
374	#a Authors #2 lcsb
375	#a male
377	#a eng
400 1	#w nne #a Galbraith, Robert, #d 1968-
500 1	#w nnnc #a Rowling, J. K. #0 (testing)39
663	#a Works by this author are identified by the name used in the item. For by this author, search also under:
670	#a The cuckoo's calling, 2013 #b t.p. (Robert Galbraith)
670	#a Telegraph, viewed July 15, 2013 #b (JK Rowling unmasked as author of Galbraith, the Harry Potter creato book is billed as a "classic crime according to the Sunday Times)
670	#a Wikipedia, July 14, 2013 #b (under J. K. Rowling: Rowling has parted releasing the tragicomedy The Casual Vaca crime fiction novel The Cuckoo's Calling Calling, the purported debut novel of aut former plainclothes Royal Military Police security industry". An anonymous tweet to journalist Richard Brooks into the possib Rowling and Galbraith had the same agent found similarities, and subsequently cont pseudonym. Rowling has already written a under the name of Robert Galbraith.)
901	#c 39 #t authority

LDR	04253cz a2200793n 4500
001	38
003	CONS
005	20140304193141.0
008	971028n azannaabn a aaa
010	#a n 97108433
035	#a (OCoLC)oca04490878
040	#a DLC #b eng #e rda #c DLC #d UPB #d IAHCCS #d DLC #d OC1 #d OCoLC
046	#f 19650731
053	0 #a PR6068.093
100 1	#a Rowling, J. K.
370	#a Gloucestershire, England #c Great Britain #e Edinburgh, Scotland
372	#a Young adult fantasy
372	#a Fantasy fiction #a Young adult fiction #2 lcsb
372	#a Fantasy #2 lcsb
373	#a University of Exeter
374	#a Authors #2 lcsb
375	#a female
377	#a eng
378	#q Joanne Kathleen
400 1	#a Rowling, Joanne K.
400 1	#a Rowling, Jo
400 1	#a Roling, G'e. Ke
400 1	#a Rowlingová, Joanne K.
400 1	#a Poniar', Дж. К.
400 1	#a Roling, Dz'h'. K.
500 1	#w nnnc #a Galbraith, Robert #0 (testing)39
500 1	#w nnnc #a Scamander, Newt
500 1	#w nnnc #a Whisp, Kennilworthy
663	#a For works of this author written under other names, search also under: #k
670	#a J.K. Rowling, c2002: #b p. 9 (Joanne Kathleen Rowling: Jo is still the na
670	#a Garri Potter i uznik Azkabana, 2007: #b t.p. (Дж.К. Ролинг = Dzh.K. Rolin
670	#a Wikipedia viewed via the WWW June 22, 2011 #b (Rowling read for a BA in F
670	#a The casual vacancy, 2012: #b t.p. (J.K. Rowling) jkt. (1st adult novel)
670	#a J.K. Rowling, via WWW, Nov. 13, 2012 #b (lives in Edinburgh with her husb
670	#a The cuckoo's calling, 2013: #b t.p. (Robert Galbraith)
670	#a JK Rowling revealed as author of The Cuckoo's Calling, via BBC News - Ente July 14, 2013
953	#a lb13 #b td03
901	#c 38 #t authority

Inter-authority linking - Batch

`authority_authority_linking.pl`

- Runs on the Evergreen server at the command line
- Can be run over all records or a subset
- Control-set agnostic, respects database-recorded configuration

Augmented Catalog Authority Browse



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[Basic Search](#)

[Advanced Search](#)

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- [Gabaldon, Diana](#) (13)
- [Gaffney, Patricia](#) (3)
- [Gaiman, Neil](#) (7)
- [Gaines, Ernest J. 1933-](#) (1)
- [Galbraith, Robert](#) (1)
 - See Also From Tracing -- Personal Name [Rowling, J. K.](#) (8)
- [Galdone, Paul](#) (2)
- [Galdone, Paul](#) (4)
- [Galliford, Bill](#) (1)
- [Galvin, James](#) (1)
- [Gammell, Stephen](#) (9)

The Future (Mike's wishlist)

- Control Set-aware bib-authority batch linking
- Automatic bib-authority linking at record creation
- MARC Editor right-click linking for authorities
- Automatic inter-authority linking at record creation
- Authority relationship-aware search and browse (BT/NT, etc)
- Automatic inter-authority change propagation
- Background authority propagation (See: [LP#1193490](#))
 - This will give us less painful bib record reingest!

The Future (Mike's wishlist)

Allow me to repeat that...

LESS

PAINFUL

REINGEST

The Future (Mike's wishlist)

- Control Set-aware bib-authority batch linking
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