

Consortia – Shared Catalog in Alma

November, 2015



Shared Catalog

Cataloging

Shared and enriched bibliographic database

- allows network members to maintain single, central bibliographic record for all members of the network, while maintaining local ownership for local fields and inventory;
- maximizes cooperation, integration and sharing between member institutions of a collaborative network

- **Establish cataloging and metadata management standards**
- **Establish rules for keeping uniqueness of the data**
- **Establish shared policies**

Shared
work
flows

Shared
Configu
ration

Shared
Policies

Shared
data

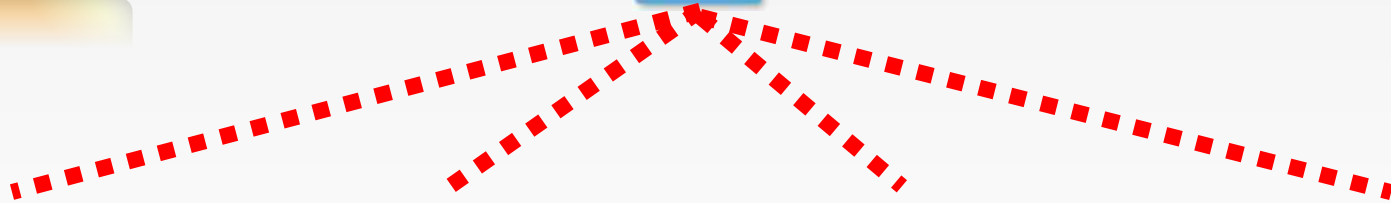
Shared Catalog



Shared
Catalog

Cataloging

Network Zone



Institution
A



Institution
B



Institution
C



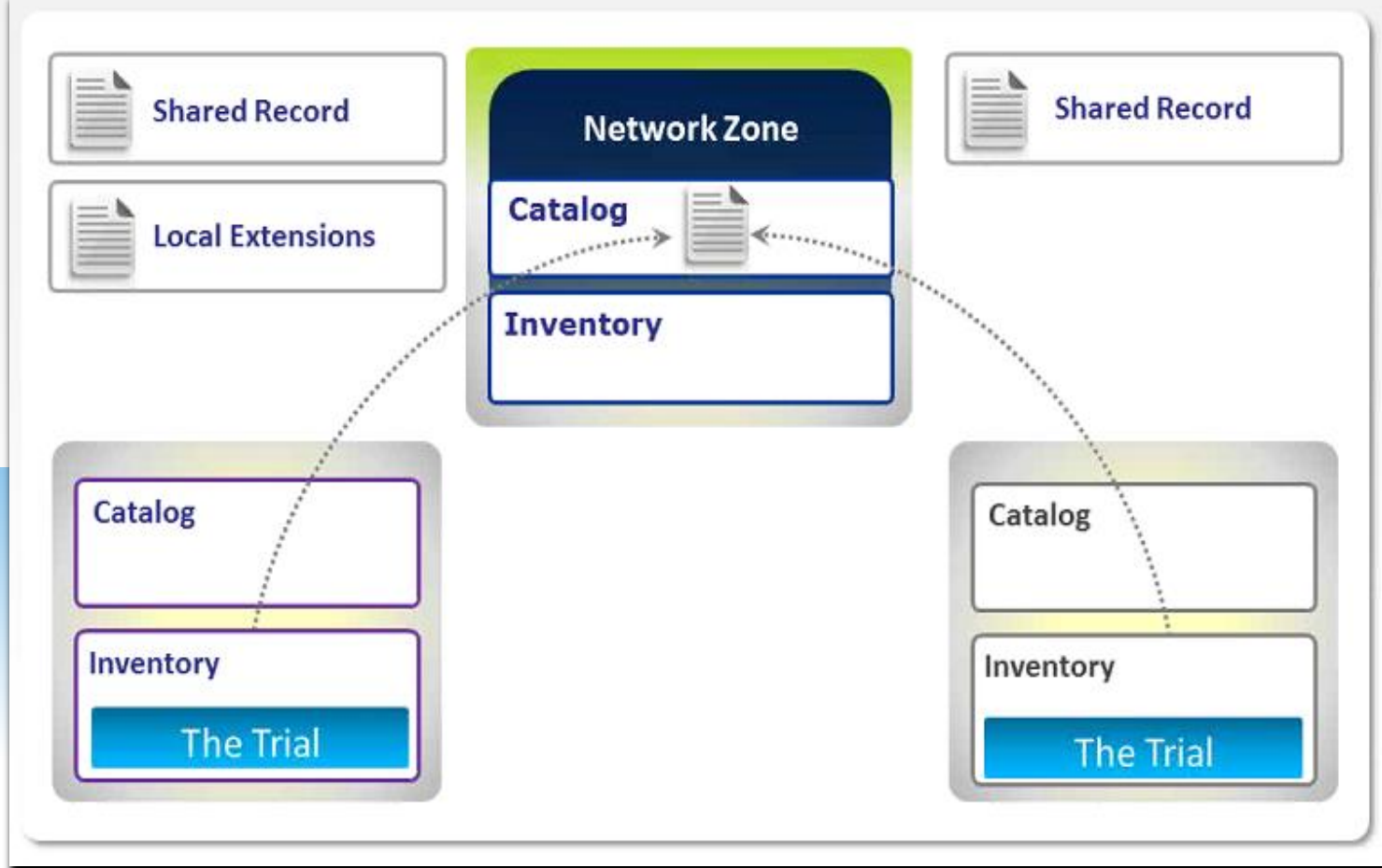
Institution
D

Shared Catalog



Shared
Catalog

Cataloging





Shared Catalog

Cataloging

- Initial NZ bibliographic data created and loaded into NZ by migration based on a best approach defined for a consortia
- After migration NZ repository updated and enriched in a day-to day work from each member institution zone and from NZ itself
 - New records loaded in bulk using import profiles
 - New records created manually by copy catalog from External resources
 - New records created manually in Metadata Editor



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Cataloging

Matching identifier

Identifier agreed between institutions –
generally OCLC number

035a and 035z = 'OCLC Identifier' Normalization Flow:

```
for each Bib
  MARC "035"|"a" AND MARC "035"|"z" value as '(Prefix)||'ID'
  normalize lower_case '(Prefix)||'ID'
  normalize OCLC prefix ('Prefix') for (ocolc)' OR '(oclc)' AS '(ocolc)'
  remove initial zero padding ('ID')
  remove OCLC padding ('ID') for 'ocm' OR 'ocn' OR 'on'
end
```



Shared Catalog

Cataloging

How Shared Catalog created during migration?

- Each catalog will be migrated to its own Alma institution zone catalog
- Each institution zone catalog is processed to link to the NZ, sequentially from largest to smallest or in predefined order
- First institution zone has biggest rate of contributing to NZ, later institutions link and contribute to NZ depending on match rate

First institution records

- become shared NZ records

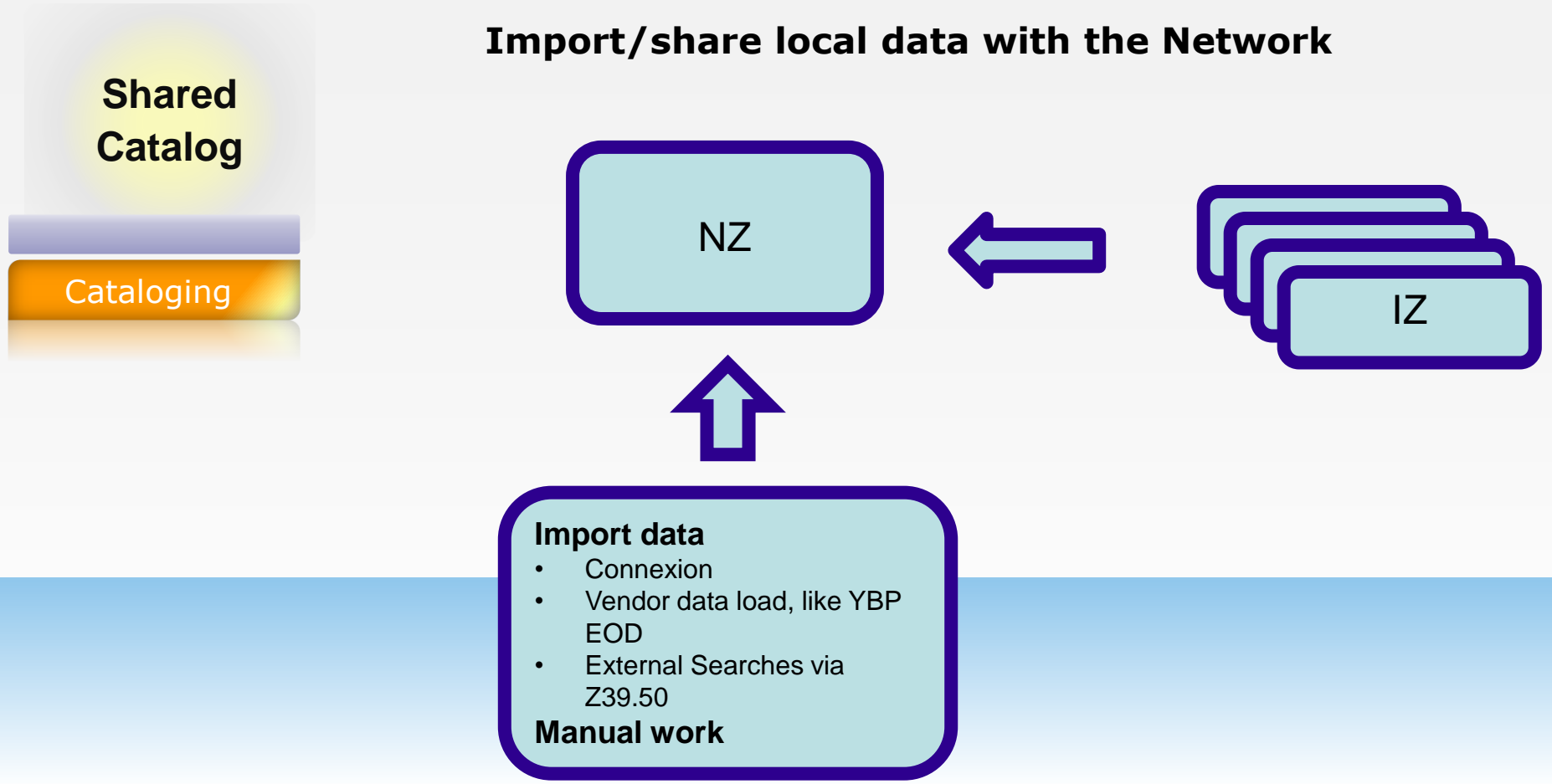
Following institutions

- Single Match found in NZ -> IZ record overwritten; local fields remain in IZ record
System numbers overwritten; original record kept as previous record version;
Inventory remains local; suppressed management tag remains local.
- Multi-match found -> record is not linked to NZ; record remains in IZ
Multi-match example – IZ record has two OCLC numbers which match two different records in NZ. This record will be rejected from NZ contribution.

Shared Catalog



Import/share local data with the Network



Match-merge-overlay-normalize rules

Shared Catalog



Shared Catalog

Cataloging

Import profile details

Profile Type New Order

Profile Details Normalization & Validation Match Profile Set Management Tag

Profile Details

Use Network Zone	Yes
Profile name	YBP EOD Brief
Profile description	YBP embedded order data brief records for new firm orders.
Originating system	YBP Library Services
Import Protocol	FTP
Physical source format	Binary
Encoding format	UTF-8
Source format	MARC21 Bibliographic
Status	Active

Import Profile Details

Profile Type New Order

Profile Details Normalization & Validation Match Profile

Filter

Filter out the data using -

Normalization

Correct the data using YBP EOD

Validation Exception Profile

Handle invalid data using MarcXML Bib Import

Profile Type New Order

Profile Details Normalization & Validation Match Profile

Match Profile

Serial match method	035 (Other System Identifier) Match Method
Non Serial match method	035 (Other System Identifier) Match Method

Match Actions

CREATE CSV Record	No
Handling	Automatic
Upon match	Merge
Merge/Overlay	Merge
Merge method	NZ Import YBP EOD
Allow bibliographic record deletion	No
Do not override/merge a non-brief record with a brief version	No
Do not override/ merge record with an older version	Disabled



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Cataloging

- When records are saved from the metadata editor of an institution it is possible to determine whether they will by default be saved in the institution or in the network zone
- Typically the records are saved in the network zone and not in the institution, as this is the motivation of being part of a consortium in the first place.

Placement of new bibliographic records

Local Network

A dialog box with a title bar "Placement of new bibliographic records". It contains two radio buttons: "Local" (unselected) and "Network" (selected). Below the radio buttons are two buttons: "Save" and "Cancel".

Shared Catalog - Repository search



Shared
Catalog

Cataloging

- “Institution” tab and the “Network” tab.
- The “Network” tab only appears for institutions which are members of a network.

Repository Search Part of a network

Find where

Repository Search Not part of a network

Find where

Network tab appears as part of the Repository Search. Using this tab, collaborating institutions can search for resources within their shared network.

Shared Catalog - Repository search



Shared Catalog

Cataloging

Find All titles where Keywords contains history Go [Advanced search](#) [Saved queries](#)

Institution Network Community

Limit results to: 1 2 3 Go 1 - 20 of approximately 1,335,467 Records

Inventory

- Collection
- Electronic title
- Digital title
- Physical title

Material Type

- Book (1267220)
- Computer file (911)
- Journal (29240)
- More (4) ▾

Language

- Achinese (5)
- Acoli (2)
- Advqei (1)
- More (463) ▾

Publication Year

- 0000 - 1961 (325842)
- 1962 - 1985 (328134)
- 1986 - 2000 (308979)
- More (2) ▾

- The history**
Book (Book - Physical) (Dublin 1767)
Language: English Record number: (CKB)33600000245028
Held by: University of Wisconsin - La Crosse, University of Wisconsin - Milwaukee, University of Wisconsin - River Falls, University of Wisconsin - Superior, University of Wisconsin - Oshkosh, University of Wisconsin - Platteville, University of Wisconsin - Stout
[Link](#) | [Edit](#) | [Order](#)
- History [microform]**
Journal (Microforms) (London : Macmillan and Co Ltd Began publication with Jan. 1912 issue.)
ISSN: 0018-2648
Subject: History Periodicals.
Language: English Medium Type: [microform] Record number: (WEU)319727-clairedb
Held by: University of Wisconsin - Eau Claire
[Link](#) | [Edit](#) | [Order](#)
- History, 1989.**
Book (Undefined) by Folstad, Ardis Bakke. (1989)
Subject: Mamre Lutheran Church (Dunn County, Wis.) -- Mamre Cemetery Association (Dunn County, Wis.) -- Lutheran Church History. Wisconsin Dunn County and others
Language: English Record number: (WMenU)153543-stoutdb
Held by: University of Wisconsin - Stout
[Link](#) | [Edit](#) | [Order](#)
- History.**
Mixed material (Undefined) By First Congregational Church (Lancaster, Wis.) (1843)
Subject: Congregational Church Wisconsin Lancaster. -- Lancaster (Wis.) Church history. -- Manuscript collection.
Language: English Record number: (Whi)20691-arcatdb
Held by: My Institution
[Link](#) | [Edit](#) | [Order](#)

Shared Catalog - Repository search



Shared
Catalog

Cataloging

- Details of the inventory at the holding institution "Held By".
- In this case it is physical inventory (indicated by a 'Holdings' tab)

Title Uppermost Proterozoic formations in central Mackenzie Mountains, Northwest Territories / J.D. Aitken.

Institution **Western Washington University**

Holdings(1) Portfolios(0) Representations(0) Electronic Databases(0)

1 Library: Western Library
Location: Wilson 5W - Books
Call Number: QE185 .A43 no. 368
No. of Items: 1
Available: 1

Shared Catalog - Repository search



Shared
Catalog

Cataloging

- This icon is displayed in the Network tab if the record is linked to the local institution (with or without inventory).


Repository Search

Find where contains [Advanced search](#) [Saved queries](#)

Limit results to:

[Collection](#)
[Electronic title](#)
[Digital title](#)
[Physical title](#)

1 - 20 of 97 Records

1  [The chemical engineer.](#)
Journal London : Institution of Chemical Engineers No. 238 (May 1970-)
ISSN: 0302-0797
Subject: Chemical engineering Periodicals.
Held by: [Concordia University](#), [Eastern Washington University](#), [Evergreen State College](#), [Lewis & Clark College](#), [My Institution](#), [Marylhurst University](#), [Pacific University](#), [Portland Community College](#), [Reed College](#), [Saint Martin's University](#), [Seattle Pacific University](#), [University of Idaho](#), [University of Washington](#), [Warner Pacific University](#), [Washington State University](#), [Western Washington University](#), [Willamette University](#)
[Edit](#) | [Order](#)

Shared Catalog - Repository search



Shared
Catalog

Cataloging

- This icon is displayed in the Institution Zone tab if the record is linked to the shared bibliographic record in the network zone

The screenshot displays the 'Repository Search' interface. At the top, there is a search bar with 'Find All titles' selected, 'where Keywords' selected, and 'contains ecofeminism' entered. A 'Go' button is to the right. Below the search bar are three tabs: 'Institution', 'Network', and 'Community'. The 'Institution' tab is active. On the left side, there is a 'Limit results to:' section with several filter buttons: 'Inventory', 'Collection', 'Electronic title', 'Digital title', 'Physical title', 'Material Type', 'Book (47)', and 'Journal (3)'. The main search results area shows a single result for 'Ecofeminism : women, culture, nature / edited by Karen J. Warren with editorial assistance from Nisvan Erkal.' The result is highlighted with a red box. The result details include: 'Book (Bloomington : Indiana University Press c1997.)', 'ISBN: 9780253210579 (pbk. : alk. paper) and others', 'Subject: Ecofeminism. -- Aufsatzsammlung -- Ökologie and others', 'Language: English Record number: (OCoLC)ocm35049587', and 'Availability: Physical version at mac: MainColl; HQ1233 .E23 1997 (1 copy, 1 available)'. At the bottom of the result, there are links for 'Edit | Order | Request | Document Delivery | Add to reading list | Holdings | Items | More info'.

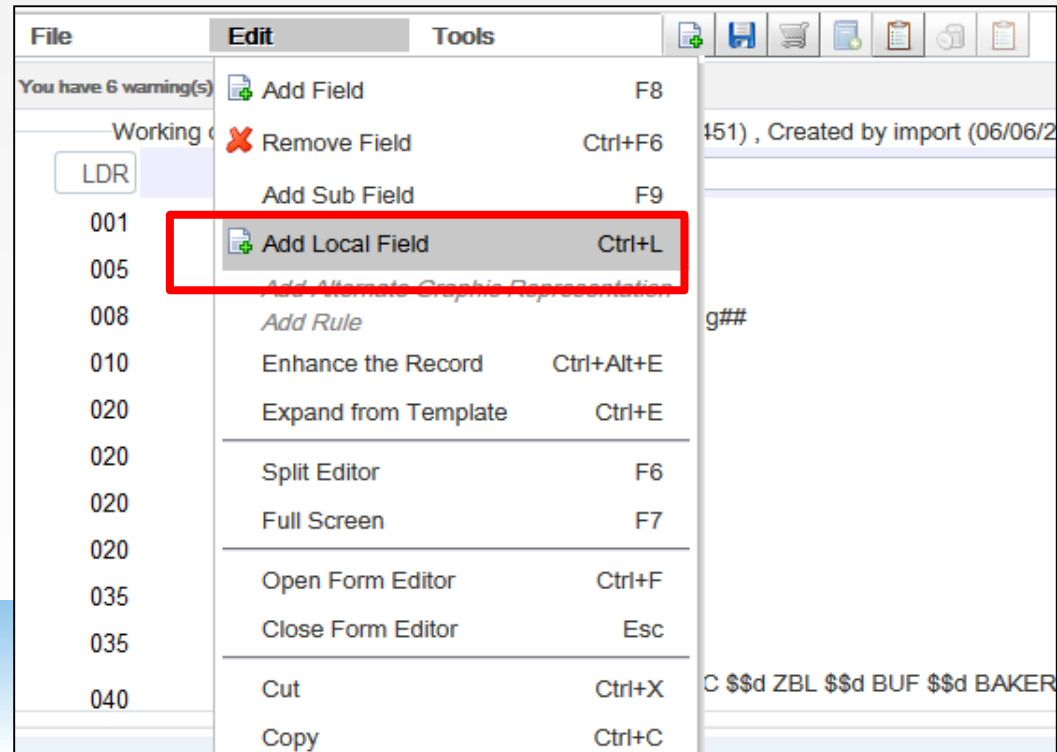
Shared Catalog – local fields



Shared
Catalog

Cataloging

- The institution-specific local fields added in the metadata editor



Shared Catalog – local fields



Shared Catalog

Cataloging

- Tags in the 09x, 59x, 69x, and 9xx – can be used to catalog and store institution local fields/extensions to the master NZ record
- Local extensions are protected from any external update from NZ record
- Local extensions are visible and searchable only by institution
- Institution can configure label for search, and search menu – simple or advanced.
- Local fields can be exposed to Primo for specific institution/ or consortium

830	0	\$\$\$a Economics (Paris, France)
852		\$\$x universal pattern
853	3 3	\$\$8 1 \$\$\$a (year) \$\$w a
853	3 3	\$\$8 2 \$\$\$a (year/year) \$\$w a
856	4 0	\$\$z Check Online Availability \$\$u http://FJ5CA6JQ5X.search.serials.org
863	4 0	\$\$8 1.1 \$\$\$a <1980>
863	4 0	\$\$8 2.1 \$\$\$a <1994/1995>
	922	\$\$\$a local note for my institution



Shared
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Cataloging

Basic principles to identify and document specific policies:

- Catalog quality metrics
- Identify enrichment workflows to the shared catalog – consistency across sources of records (vendor supplied records; external searches, etc.)
- Identify matching routines
- Avoid duplicates
- What is considered duplicate?
- Single or separate records?
- Ordering workflows
- What is considered brief record?
- Catalog completeness, update/overlay policies



Shared Catalog

Cataloging

- Policy for what local extensions to reserve for what purpose

Motivation: to create Primo normalization rules, policies for internal vs. public-facing data must be defined; it's also useful to reserve some 9xx fields for network-wide data

Example:

Public-facing extensions: 590-594, 690-694, 950-975

Internal extensions: 595-599, 695-699, 921-949

Reserved for network-wide public-facing: 900-920

Reserved for network-wide internal: 976-999



Shared Catalog

Cataloging

- Policies and examples of import profile settings that can be shared across institutions

Motivation: aid setup; avoid duplication; avoid data loss

Example: default New Order, Repository, and Update Inventory profiles including:

- Match logic (what matches exist in most records)
- Merge handling (what to retain or discard from existing and incoming records)
- Normalization rules



Shared Catalog

Cataloging

- Guidelines for when to input a new record vs. reusing an existing one

Motivation: avoid duplicates for the same manifestation and agree upon a rules

Example: OCLC and other shared catalogs have templates here.

Alternately, have a policy to use OCLC record when it exists.



Shared Catalog

Cataloging

Shared data

- bibliographic records
- local authorities

Shared policies

- Cataloging decisions
- Rules to avoid duplicates
- Matching routines agreement
- Definition of uniqueness (P and E)
- Local fields/local extension
- Keep 'Local only' records rule
- Agreements on data import and link into NZ

Shared configuration

- Match records rules
- Data normalization rules
- Merge records rules
- Brief record template
- Record cataloging templates
- Import profiles

Shared workflows

- NZ catalog enrichment and maintenance, data load, day-to-day cataloging activities
- Local authorities and vocabularies maintenance



Thank you!