

The 'Governing' Principle

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Governing Principle

1. What's the idea
2. Implications for catalogers
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Governing Principle

What's the idea?

- Can't fully implement BIBFRAME independent of MARC
- Need to produce MARC from BIBFRAME and need to start old/existing descriptions from MARC
- Not everyone is trained in BIBFRAME editing
- Edits in one format do not directly/simplely map to edits in another.

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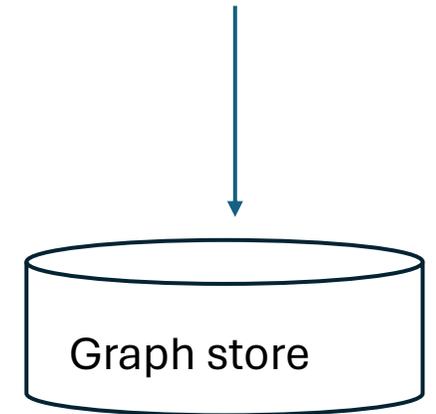
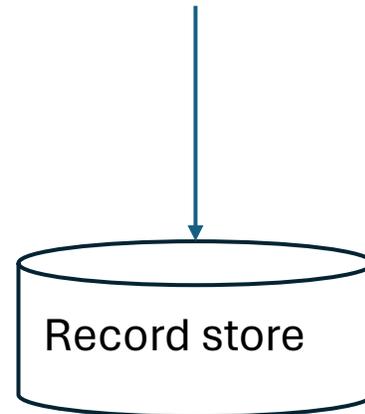
What's the idea?

- So we need a hybrid system that can handle both formats, treat them independently, but in synch.
- How?
- On ingest, most systems will start with MARC records. All will be mirrored in BIBFRAME, but controlled/editable as MARC.
- Trained catalogers will be authorized to edit MARC governed records as their BIBFRAME mirrored versions, but upon saving, those descriptions take the source “BIBFRAME” going forward. (They will have a copy saved as MARC as well).

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Implications for Catalogers

Two editors, two storage areas, but with interlinking processes



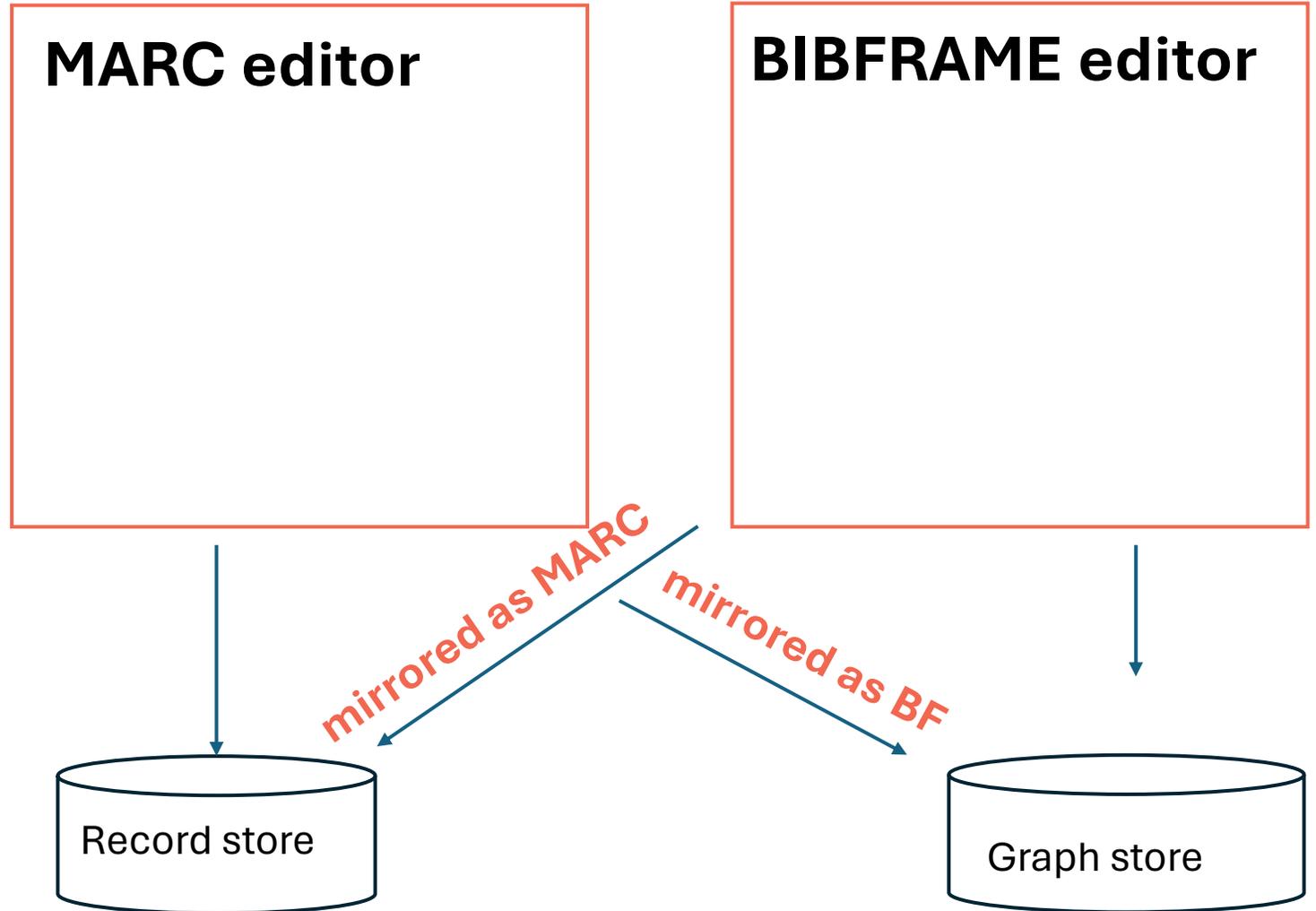
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Implications for Catalogers

‘Mirrored’ records / resources

Each edit results in a copy on the other side

Mirroring uses the current MARC2BIBFRAME and BIBFRAME2MARC transformations



Governing Principle

Cataloging Workflows

Mirrored records / resources

Governing Record

**MARC
record**



governed by

source = **MARC**

**BIBFRAME
resource**



governed by

source = **BIBFRAME**

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Cataloging Workflows

Mirrored records / resources

Governing Record

Data Governance

“Flipping”

**MARC
record**

source = **BIBFRAME**

Can’t “flip” to

source = **MARC**

**BIBFRAME
resource**

source = **MARC**

Can “flip” to

source = **BIBFRAME**

Most records start as “MARC-governed, but can transition to BIBFRAME governed.

The reverse is NOT true. The end goal would be all records are BIBFRAME-governed.

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Implications for Catalogers

MARC editor

BIBFRAME governed records are read-only as MARC

BIBFRAME editor

MARC governed records are read-only as BIBFRAME, except to trained/authorized catalogers

Implications for bulk edit

How will this work?

Can we design a system that interprets a change request query in MARC and BIBFRAME and performs the equivalent change on each side?

(No)

MARC bulk edit

BIBFRAME-governed records are read-only as MARC

BIBFRAME bulk edit

MARC-governed records are read-only as BIBFRAME

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Implications for bulk edit

To perform a bulk edit you will need to describe the change you want in each format, independently, developing 2 different queries if needed.

MARC bulk edit

A MARC governed edit request will not affect ANY records governed in BIBFRAME

BIBFRAME bulk edit

A BIBFRAME governed edit request will not affect descriptions governed in MARC

Bulk edit processes in BIBFRAME will NOT flip the governing source to BIBFRAME

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Implications for bulk edit

Case 1: Typo in title

Search and replace
“comapny” in the title field

- Only BIBFRAME governed records are selected
- mirrored MARC has the 245a fixed.

MARC bulk edit

BIBFRAME bulk edit

Replace:
bf:Instance/bf:title/bf>Title/
bf:mainTitle

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Implications for bulk edit

Case 1: Typo in title

Search and replace
“comapny” in the title field

- Only MARC governed records are selected
- mirrored BIBFRAME has the mainTitle fixed.

MARC bulk edit

Replace: 245a

BIBFRAME bulk edit

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Implications for bulk edit

Case 2: remove “from old catalog” and add a link to the authority

- Only BIBFRAME governed records are selected

MARC bulk edit

BIBFRAME bulk edit

Find Agents with the matching label, update the label, and add the URI

Mirrored MARC records fixed

```
<bf:agent >  
  <bf:Agent rdf:about="https://id.loc.gov/rwo/agents/n92000189">  
    <rdfs:label >ALA Midwinter Meeting [from old catalog]</rdfs:label>  
  </bf:Agent>  
</bf:agent>
```

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Implications for bulk edit

Case 2: remove “from old catalog” and add a link to the authority

- Only MARC governed records are selected

MARC bulk edit

Find 1xx, 7xx with matching label, update the \$a and add a \$1
(Mirrored BF resources fixed by transform).

BIBFRAME bulk edit

100 ##\$a ALA Midwinter Meeting [~~from old catalog~~]
\$1 <https://id.loc.gov/rwo/agents/n92000189>

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Implications for bulk edit

Case 3: add a death date to a name authority

- Only BIBFRAME governed records are selected

MARC bulk edit

BIBFRAME bulk edit

No change if your system automatically looks up labels each time you view a resource.

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Implications for bulk edit

Case 3: add a death date to a name authority

- Only MARC governed records are selected

MARC bulk edit

Your system may automatically run this batch job to update all the affected 1xx, 7xx fields

BIBFRAME bulk edit

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Implications for bulk edit

Case 4: change a resource type

- `bf:subject/madsrdf:CorporateName`
to
- `bf:subject/bf:Meeting`

Only affects BIBFRAME resources

MARC bulk edit

Re-mirror all the MARC records with 611 tags as BIBFRAME

BIBFRAME bulk edit

Change:

- `bf:subject/madsrdf:CorporateName`
to :
- `bf:subject/bf:Meeting`

- Update the transformation software, `MARC2BIBFRAME` and `BIBFRAME2MARC`
- Confirm that mirrored MARC creates 611 tags from `bf:Meeting`

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Concluding

- Governing principle keeps us sane.
- Bulk processes can be tuned to each format.
- Native BIBFRAME edits will not be lost.
- Direction is ONE-Way; descriptions can only go from MARC-governed to BIBFRAME-governed.

MARC → BIBFRAME

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Thanks!

Nate Trail

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