

WHO CATALOGS WHAT?

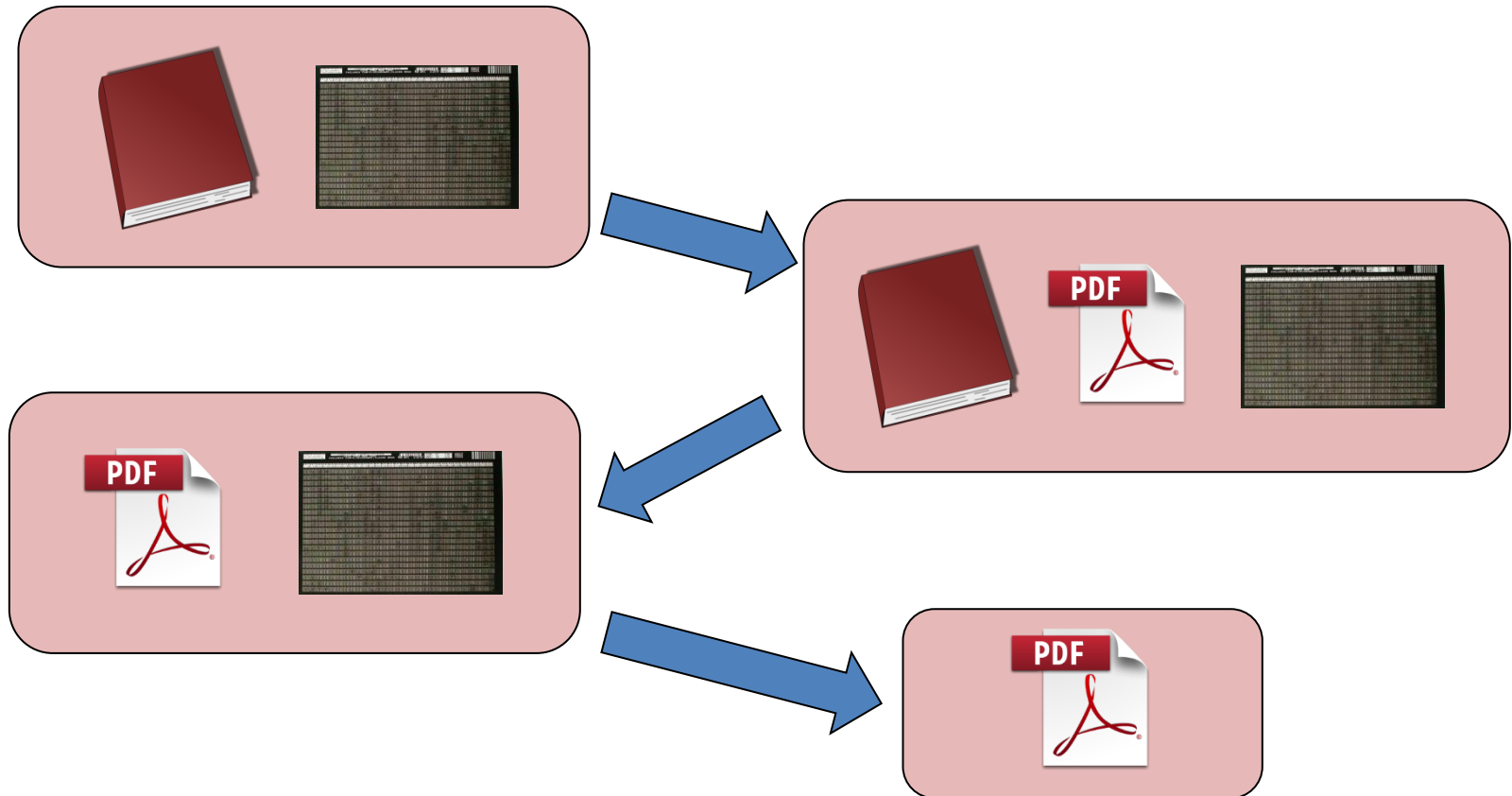
A Virtual Workflow for Cataloging
Electronic Theses & Dissertations

Joshua Barton / Lucas Mak

Michigan State University Libraries

Thesis & Dissertation Cataloging at MSU

- Subject analysis (LCSH)
- Authority control of author names



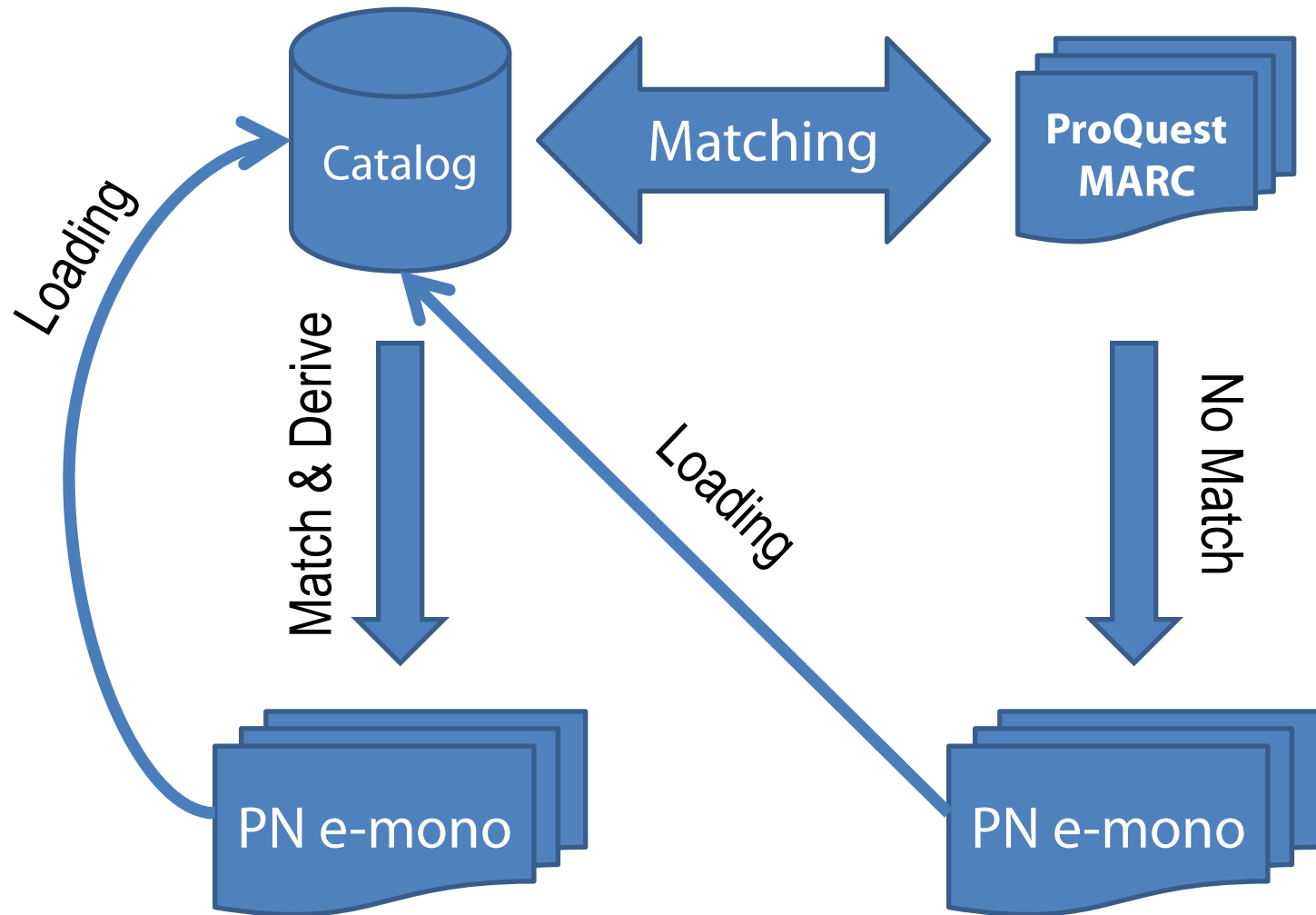
ProQuest MARC Records Processing

- Request all MSU titles with full-text access
 - Request made every 4 months
 - Current titles
 - Retrospectively digitized titles
- Processing
 - Limited to not-yet-cataloged items by comparing UMI no. (aka Dissertation/thesis number) against local catalog

ProQuest Record

=020 \\\$a9781303631030
=035 \\\$a(UMI)AAI3606079
=100 1\\\$aMusolff, Corey Evan.
=245 10\\\$aSimulation study of lipid bilayer/nanoparticle interactions.
=300 \\\$a121 p.
=500 \\\$aAdviser: Phillip Duxbury.
=502 \\\$aThesis (Ph.D.)--Michigan State University, 2013.
=520 \\\$aA coarse-grained model is used to simulate lipid bilayers (LB) ...
=590 \\\$aSchool code: 0128.
=650 \\4\\\$aNanoscience.
=650 \\4\\\$aPhysics, Condensed Matter.
=650 \\4\\\$aBiophysics, General.
=710 2\\\$aMichigan State University.\$bPhysics - Doctor of Philosophy.
=790 10\\\$aDuxbury, Phillip,\$eadvisor
=790 10\\\$aMahanti, Subhendra\$ecommittee member
=790 10\\\$aLapidus, Lisa\$ecommittee member
=790 10\\\$aWorden, Mark\$ecommittee member
=790 10\\\$aPromislow, Keith\$ecommittee member
=856 \\\$uhttp://gateway.proquest.com/openurl?url_ver=...

ProQuest MARC Records Processing



Brief Record after Processing

=006 m\\\\\\\\o\\\\d\\\\\\\\\\\\

=007 cr\\bn\\a

=008 \\\\\\\s2013\\\\\\xx\\a\\\\\\obm\\\\\\000\\0\\eng\\d

=020 \\\$a9781303631030

=028 50\$a3606079\$bUMI

=099 \\\$aMSU ONLINE THESIS

=100 1\\\$aMusolff, Corey Evan.

=245 10\$aSimulation study of lipid bilayer/nanoparticle interactions\$h[**electronic resource**] /\$cby Corey Evan Musolff.

=260 \\\$c2013.

=300 \\\$a**1 online resource** (121 p.) :\$bill.

=588 \\\$aDescription based on online resource; title from PDF t.p. (viewed on)

=502 \\\$aThesis (Ph. D.)--Michigan State University. Physics - Doctor of Philosophy, 2013.

=504 \\\$aIncludes bibliographical references.

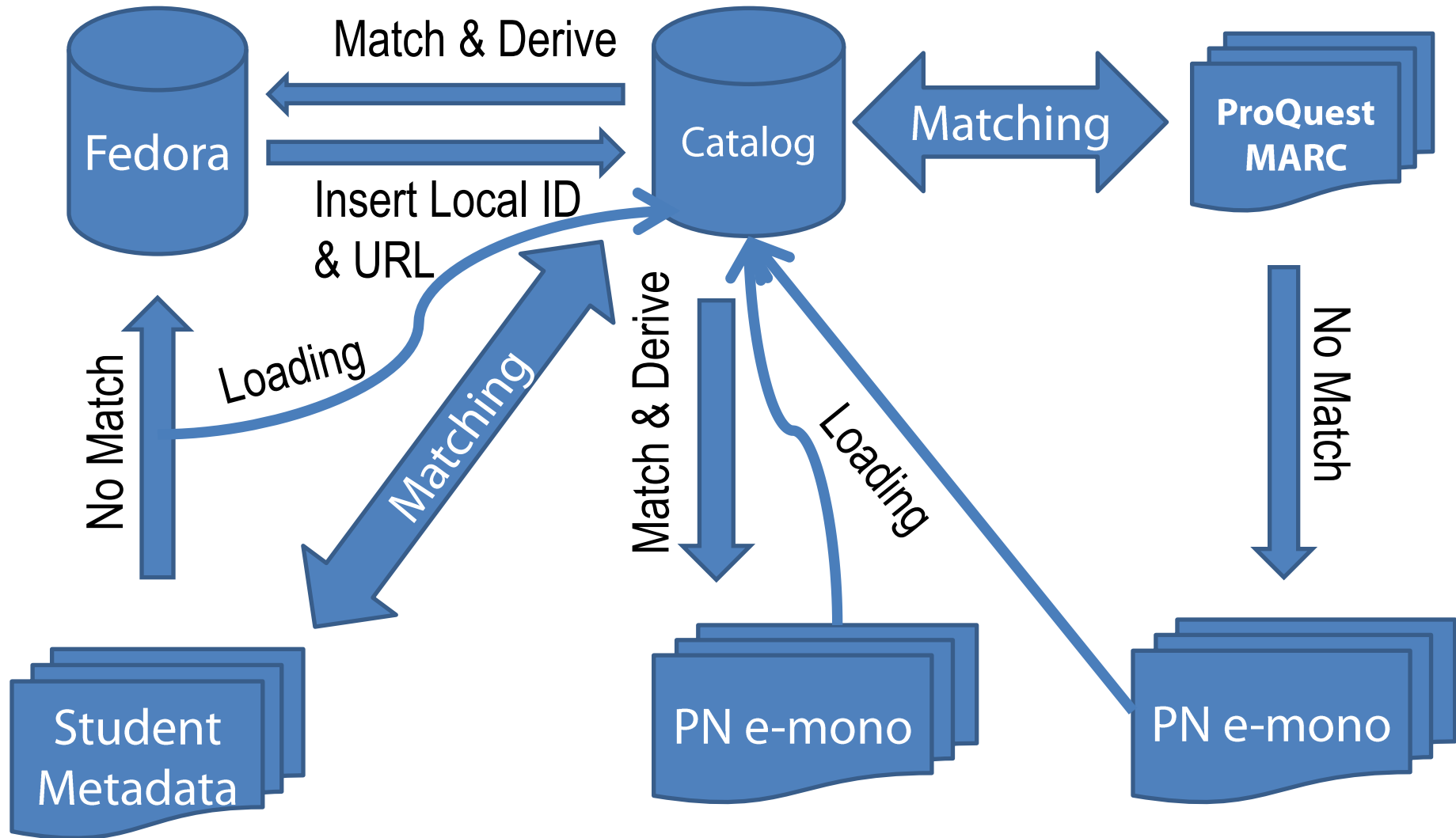
=655 \\0\$aElectronic dissertations.

=856 40\$uhttp://ezproxy.msu.edu:2047/login?url=...

Fedora Records Processing

- Local repository for MSU ETDs
 - Coverage starts from 2010
- Metadata records based on ETD submission data from student
- Crosswalked into MarcXML, MODS, DC, & ETD-MS
 - Retaining extra info not available in MSU catalog
 - Still not on a regular ingest schedule

ProQuest + Fedora Processing



Cataloging Workflow

- Staffing: 9 librarians, 4 staff
- AACR2 for this first round
- Goals:
 - Enhance / verify basic description
 - Name authority control
 - LCSH terms

BUT....



Brewbooks. "Empty Bookshelves - Seattle Central Library" <https://www.flickr.com/photos/brewbooks/259422533/>

Virtual workflow needs:

- Shareable across unit
- Real time updating
- Direct linking to resource

Cataloging workflow: ideas

- Review file in ILS
 - Issues: potential redundant work; inflexibility in assigning / claiming work
- Printed spreadsheet
 - Issues: wasteful, confusing
- Online spreadsheet
 - Excel workbook on shared drive?
 - Google Sheets!



E-theses
CSV



- Title
- Control #
- Bib #



Add columns:

- OPAC URL
- Staff initials

Upload/
Convert



Turn on sharing

ETD Workbook					
File Edit View Insert Format Data Tools Add-ons Help Last edit was mad... Comments Share					
fx \$ % .0 .00 123 B I A More					
	A	B	C	D	
1		CATALOG SEARCH	RECORD #	CONTROL #	TITLE
2	mko	http://catalog.lib.msu.edu/search~/osky252028236	b97664649	sky252028236	Fluorous assisted
3	ahf	http://catalog.lib.msu.edu/search~/osky252028344	b97665721	sky252028344	Carl Friedrich Chr
4	mko	http://catalog.lib.msu.edu/search~/osky252028385	b97666130	sky252028385	Individual copyca
5	tec	http://catalog.lib.msu.edu/search~/osky252028492	b97667201	sky252028492	Development and
6	mko	http://catalog.lib.msu.edu/search~/osky258293686	b102797973	sky258293686	Evolving towards
7	tec	http://catalog.lib.msu.edu/search~/osky258293707	b102798138	sky258293707	A grounded theo
8	tec	http://catalog.lib.msu.edu/search~/osky258293718	b102798229	sky258293718	Influence of myco
9	jkb	http://catalog.lib.msu.edu/search~/osky258293719	b102798230	sky258293719	The moderating e
10	jkb	http://catalog.lib.msu.edu/search~/osky258293720	b102798242	sky258293720	Stability estimate
11	mko	http://catalog.lib.msu.edu/search~/osky258293728	b102798308	sky258293728	Effects of methyl

Cataloging Workflow



ETL Workbook

File Edit View Insert Format Data Tools Add-ons Help Last edit was mad... Comments Share

fx

		B	C	D	
1		CATALOG SEARCH	RECORD #	CONTROL #	TITLE
2	mko	http://catalog.lib.msu.edu/search~/osky252028236	b97664649	sky252028236	Fluorous assisted
3	ahf	http://catalog.lib.msu.edu/search~/osky252028344	b97665721	sky252028344	Carl Friedrich Chr
4	mko	http://catalog.lib.msu.edu/search~/osky252028385	b97666130	sky252028385	Individual copyca
5	tec	http://catalog.lib.msu.edu/search~/osky252028492	b97667201	sky252028492	Development and
6	mko	http://catalog.lib.msu.edu/search~/osky258293686	b102797973	sky258293686	Evolving towards
7	tec	http://catalog.lib.msu.edu/search~/osky258293707	b102798138	sky258293707	A grounded theo
8	tec	http://catalog.lib.msu.edu/search~/osky258293718	b102798229	sky258293718	Influence of myc
9	jkb	http://catalog.lib.msu.edu/search~/osky258293719	b102798230	sky258293719	The moderating e
10	jkb	http://catalog.lib.msu.edu/search~/osky258293720	b102798242	sky258293720	Stability estimate
11	mko	http://catalog.lib.msu.edu/search~/osky258293728	b102798308	sky258293728	Effects of methyl

Cataloging Workflow

- Announce procedure → Watch cataloging happen!
- Google Sheet afforded:
 - Ability to share with whole unit
 - Direct access (via OPAC) to the resources
 - Real time title claiming, no redundant work
- 720 theses cataloged in 6 weeks

Record Enhanced by Cataloger

001 sky259003205

006 m o d

007 cr bn a

008 s2013 xx a obm 000 0 eng d

020 9781303631030

020 1303631032

028 50 3606079|bUMI

028 50 Musolff_grad.msu_0128D_12596|blocal

099 MSU ONLINE THESIS

100 1 Musolff, Corey Evan,|eauthor.

245 10 Simulation study of lipid bilayer/nanoparticle interactions|h[electronic resource] /|cby
Corey Evan Musolff.

260 |c2013.

300 1 online resource (x, 111 p.) :|bill.

502 Thesis (Ph. D.)--Michigan State University. Physics - Doctor of Philosophy, 2013.

504 Includes bibliographical references.

588 Description based on online resource; title from PDF t.p. (viewed Sept. 10, 2014)

650 0 Nanochemistry.

650 0 Nanotechnology.

650 0 Drug delivery systems.

650 0 Bilayer lipid membranes.

655 0 Electronic dissertations.

856 40 |uhttp://etd.lib.msu.edu/islandora/object/...

856 40 |uhttp://ezproxy.msu.edu:2047/login?url=...

Cataloging Observations

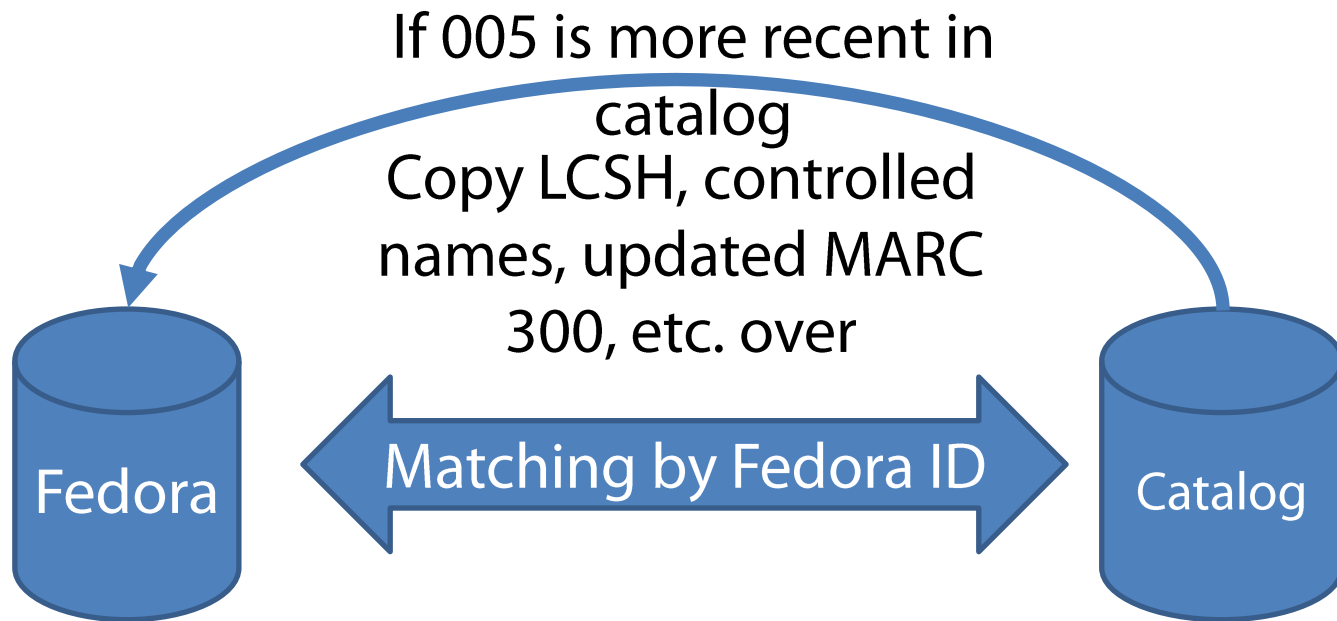
- New visualization of the volume of work
- Real time claiming / ease of identifying who cataloged what
- Impacts:
 - Cataloger behavior, work dynamics
 - Competition

Efficiencies

- Nothing physical to track: materials or documentation
- Automating basic description
 - Vast reduction in manual data entry
- Dynamics motivating faster turnaround
 - For better or worse

Work in progress:

Synchronization between Fedora & Catalog



Thanks!

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