

Global Data Change

eBUG 2012

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Agenda

- ▶ Overview
- ▶ Retrieving Records, and Create Record Sets
- ▶ Data Change Rules
- ▶ Preview
- ▶ Job Management
- ▶ Suggested practices

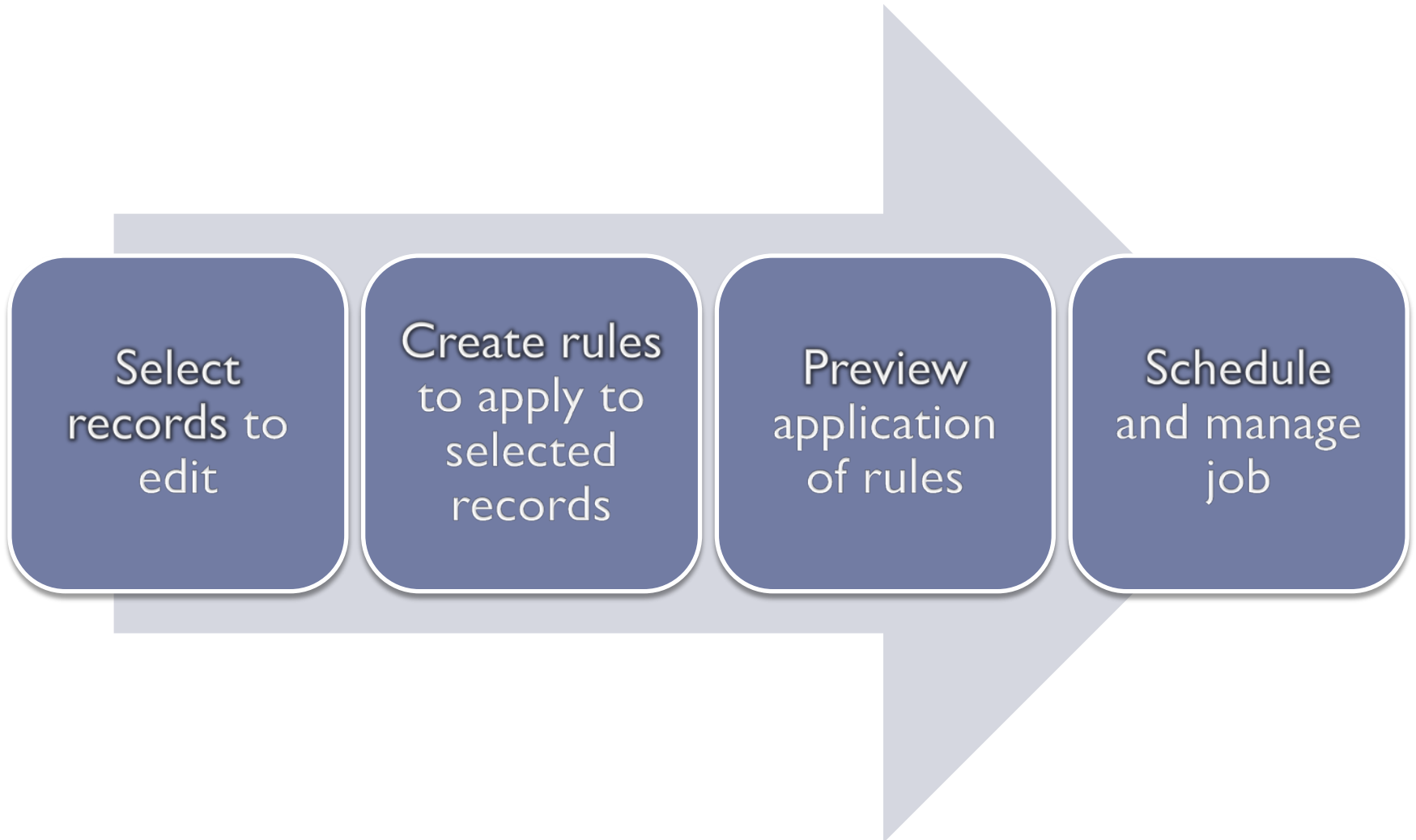
Overview

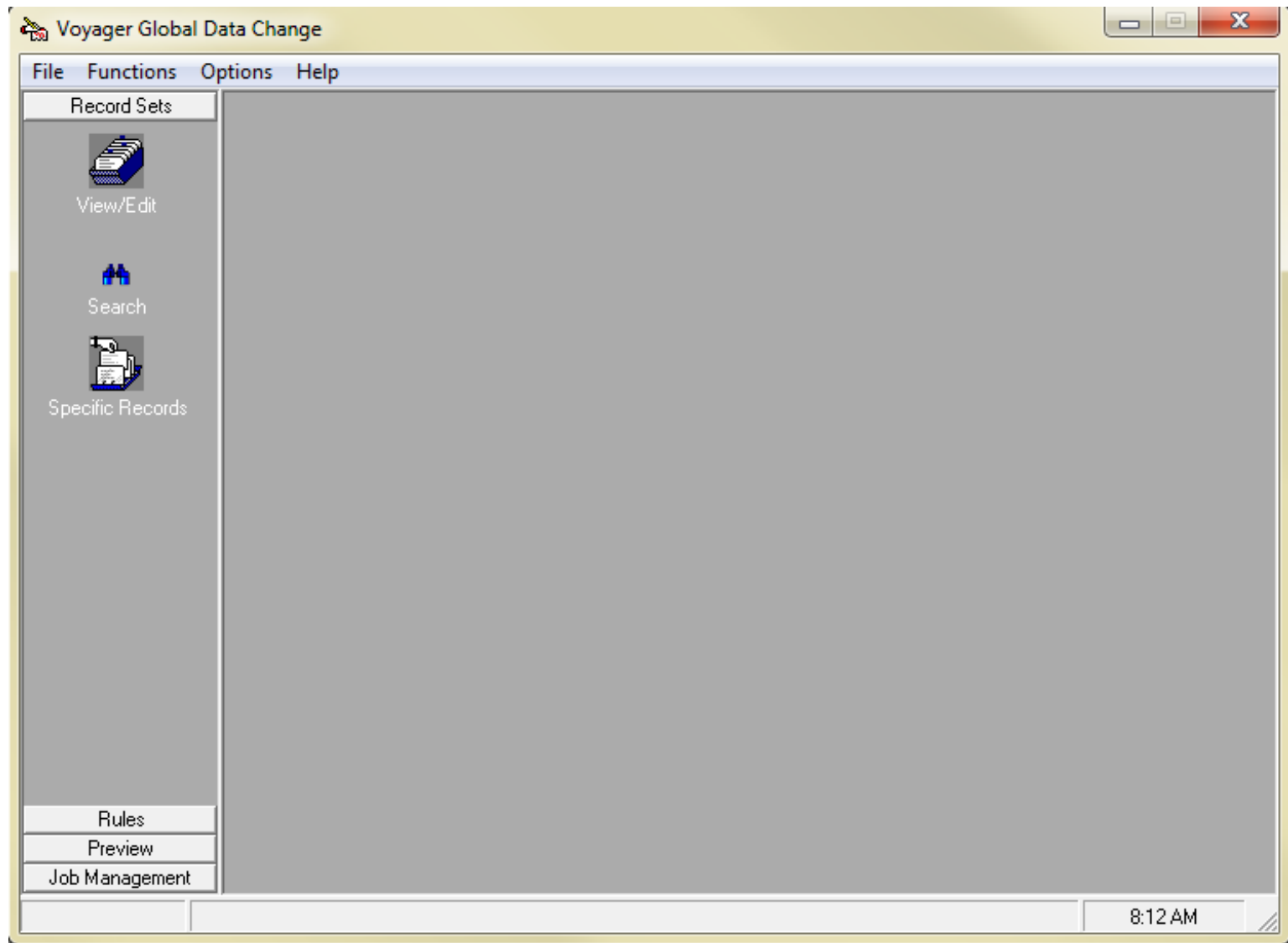
- ▶ “[A]n integrated solution for making mass data changes to bibliographic, holdings, and authority records within the Voyager database handled through batch processing.”
 - ~ Ex Libris Global Data Change Manual

Overview

- ▶ Edits only MARC records
- ▶ Edits only Voyager records
- ▶ Very flexible, but use with caution
 - ▶ NOTE: does not consult tag tables, authority files or validate MARC
- ▶ Access in SysAdmin

Basic Workflow

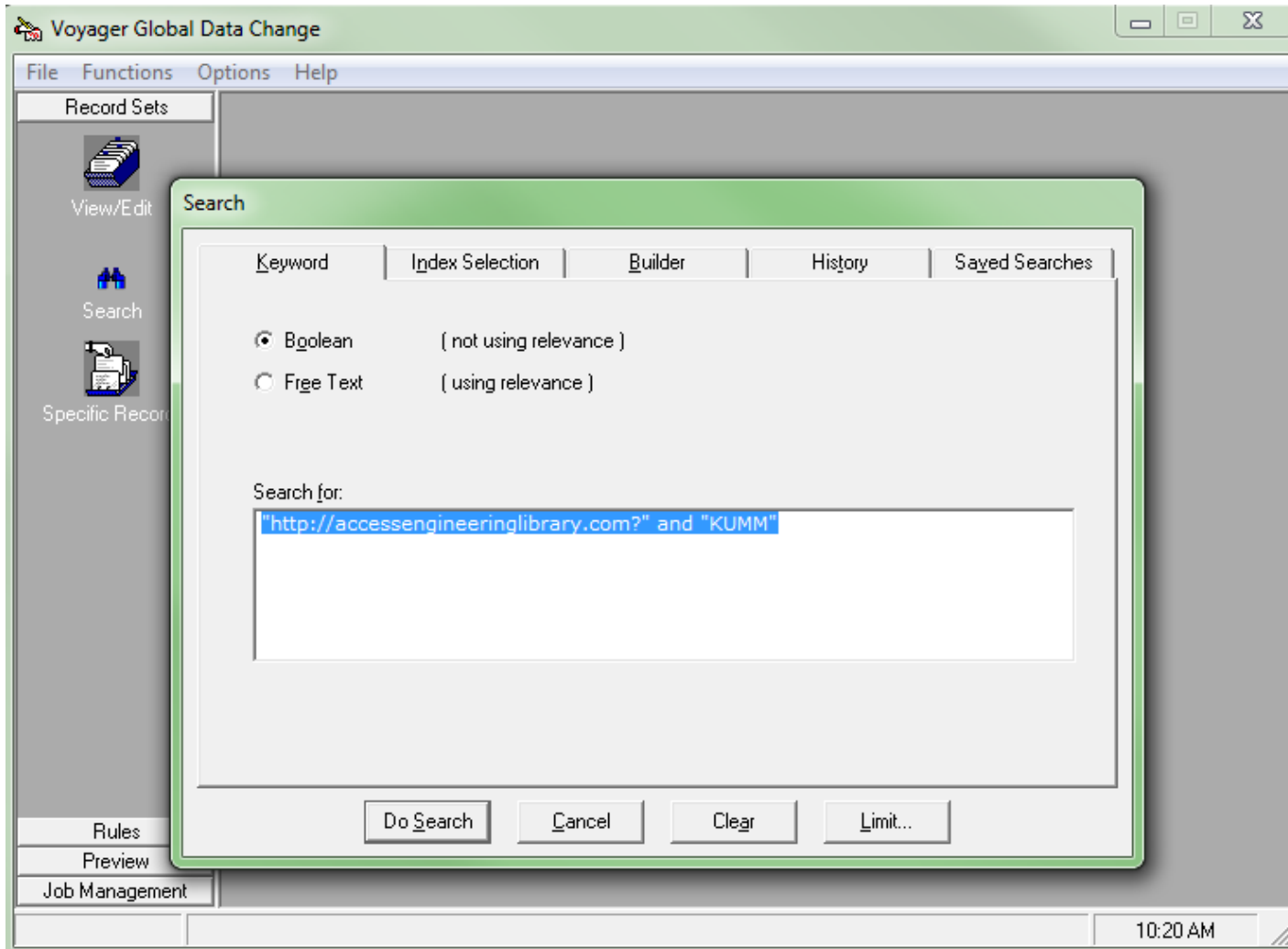




Creating Record Sets

- 1) Search [Bibs]
- 2) List of ID number(s) [Bibs, MFHDs, Auths]
- 3) Scan [Bibs, MFHDs, Auths]

Create a Record Set by searching (Option 1)



Voyager Global Data Change

File Functions Options Help

Record Sets

View/Edit

Titles Index

Font: Verdana Sort By:

Full Title	Author	Date
Handbook of transportation engineering [electronic resource] / [edited by] Myer Kutz.		2011
High power laser handbook [electronic resource] / Hagop Injeyan, Gregory D. Goodno, editors.		2011
Linden's handbook of batteries [electronic resource] / Thomas B. Reddy, editor ; David Linden, editor emeritus.		2011
Nutrient removal [electronic resource] / prepared by the Nutrient Removal Task Force of the Water Environment Federation.		2011
Practical software project estimation		2011

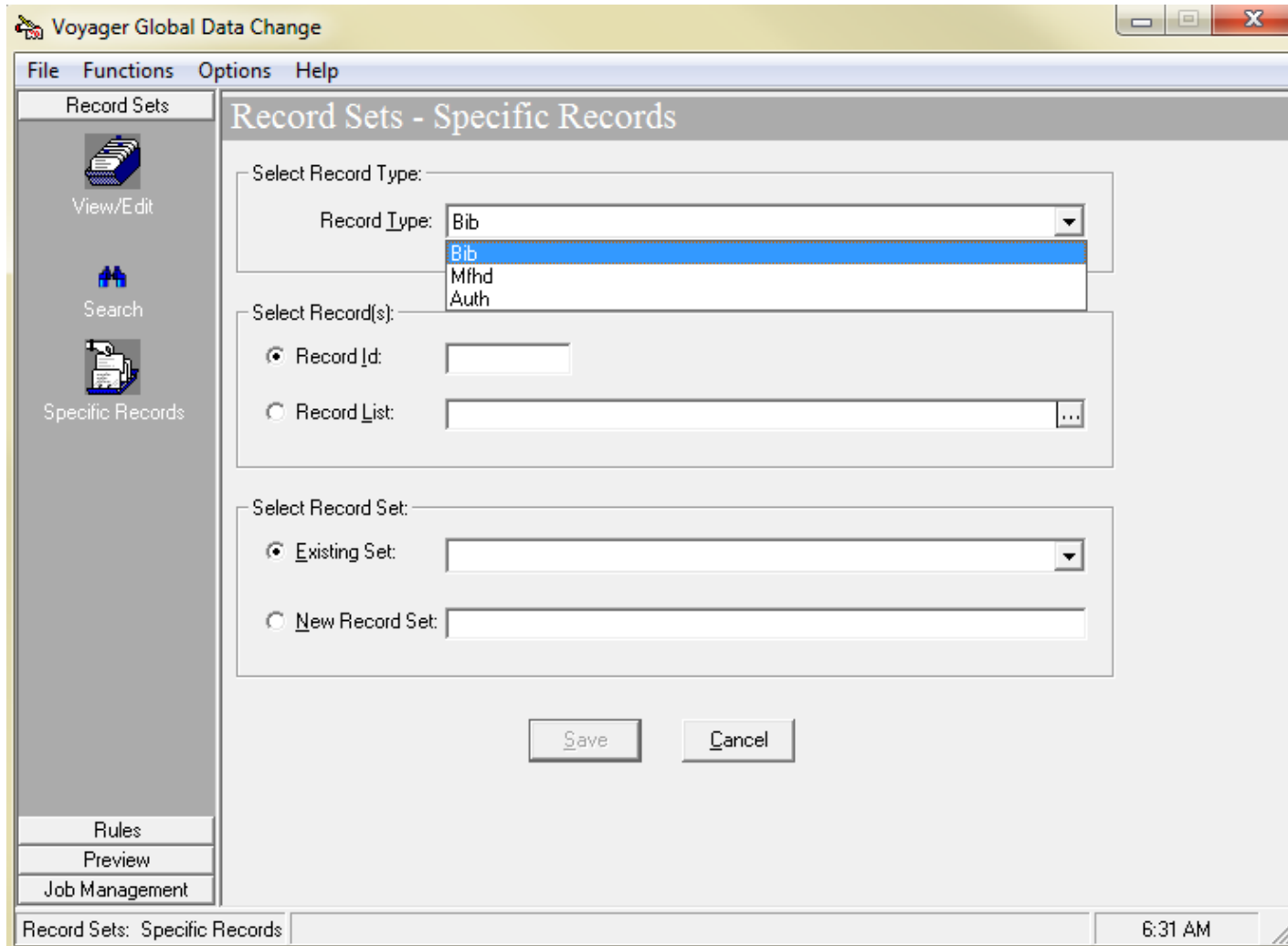
Save to New Set | bibs eb access engineering | Save to Existing Set | Cancel | Search

302 Records Found Search: Command="http://accessengineeringlibrary.com?" and "KUMM"

Rules
Preview
Job Management

10:23 AM

Create a Record Set by known IDs (Option 2)



Create a Record Set by scanning (Option 3)

Tag	I1	I2	Subfield Data
016	7		#a 8608360 #2 DNLM
019			#a 14069103
029	1		#a NLM #b 8608360
035			#a (OCoLC)13118450
035			#a ocm13118450
086	0		#a Y 3.T 22/2:2 AN 5 #z Y 3.T 22/2:2 Ai 5
099			#a SEE INTERNET ACCESS
245	0	0	#a Alternatives to animal use in research, testing, and education.
260			#a Washington, D.C. : #b Congress of the U.S., Office to Technology Assessment : #b For sale by the Supt. of Docs., U.S. G.P.O., #c [1986]
300			#a vii, 441 p. : #b ill. ; #c 26 cm.
500			#a Shipping list no.: 1986-0088-P.
500			#a "February 1986"--P. [4] of cover.
500			#a Shipping list no.: 86-88-P.
504			#a Includes bibliographies and index.
500			#a "OTA-BA-273"--P. [4] of cover.
500			#a S/N 052-003-01012-7
530			#a Also available via Internet from the UNT Cybercemetery web site. Address as of 2/11/2003: http://govinfo.library.unt.edu/ota/Ota3/DATA/1986/8601.PDF ; current access available via PURL.
650	0		#a Zoology #x Research #z United States.
650	0		#a Medicine #x Research #z United States.
650	0		#a Animal experimentation #x Moral and ethical aspects #z United States.
650	0		#a Vivisection #z United States.
650	2		#a Animal Testing Alternatives.
650	2		#a Animals, Laboratory.
650	2		#a Research #x methods #z United States.
710	1		#a United States. #b Congress. #b Office of Technology Assessment.
856	4	1	#u http://purl.access.gpo.gov/GPO/LPS26712 #z Adobe Acrobat Reader required

Library Of Congress Control Number

2:18 PM

Alternatives to animal use in research, testing, and education.

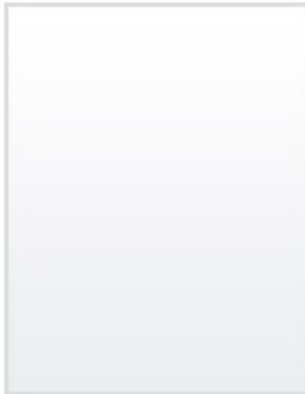
Title: Alternatives to animal use in research, testing, and education.
Other Author(s): [United States. Congress. Office of Technology Assessment.](#)
Publisher: Washington, D.C. : Congress of the U.S., Office to Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1986]
Description: vii, 441 p. : ill. ; 26 cm.
Format: Book
Subjects: [Zoology--Research--United States.](#)
[Medicine--Research--United States.](#)
[Animal experimentation--Moral and ethical aspects--United States.](#)
[Vivisection--United States.](#)
[Animal Testing Alternatives.](#)
[Animals, Laboratory.](#)
[Research--methods--United States.](#)

Internet Access: [Adobe Acrobat Reader required](#)

Notes: Shipping list no.: 1986-0088-P.
"February 1986"--P. [4] of cover.
Shipping list no.: 86-88-P.
"OTA-BA-273"--P. [4] of cover.
S/N 052-003-01012-7
Includes bibliographies and index.
Also available via Internet from the UNT [Bibliographic Record Display](#) address as of 2/11/2003: <http://govinfo.library.unt.edu/ota/Ota3/DATA/1986/8601.PDF>

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Alternatives to animal use in research, testing, and education.

Author: [United States. Congress. Office of Technology Assessment.](#)

Publisher: Washington, D.C. : Congress of the U.S., Office to Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1986]

Edition/Format:  Book : National government publication : English
[View all editions and formats](#)

Find a copy online

Links to this item

University of Kentucky Libraries (2)

[Adobe Acrobat Reader required](#)

[purl.access.gpo.gov](#)

Adobe Acrobat Reader required

Voyager Global Data Change Ex Libris Bluegrass Users Group Newsletter, Vol. 2012 [2012], Art. 3

File Functions Options Help

Rules - Scan Rule Sets

Name	Description
ASERL note edit	change "UK holds depository copy" to "UK holds arch
bibs eb access engineering owning lib	find bibs with "accessengineeringlibrary" and KUMM (e

Buttons: New, Edit, Delete, Import

Create new rule set:

Name: bibs badly displaying 856 lz
Description: delete ANY 856 lz "Adobe Acrobat Reader required"

Rule Name	Condition
bibs 856 lz Adobe	When I

Buttons: Preview, Job Management

Rules: Scan Rule Sets

Edit Rule

Name: bibs 856 lz Adobe

Conditions: WHEN MARC."856"."z" equals "Adobe Acrobat Reader required"

Buttons: Add, Edit

Consequence: Include Exclude

Buttons: Ok

Rule Condition Template

Condition: MARC Field Value

Field: 856

Indicator 1: * (* = any value)

Indicator 2: * (* = any value)

Field Occurrence: [Dropdown]

Subfield: z

Subfield Occurrence: [Dropdown]

Operator: Equals

Value: Adobe Acrobat Reader requ

Buttons: Save, Cancel

Voyager Global Data Change

File Functions Options Help

Record Sets
Rules
Preview
Job Management

Submit Scan Job
Submit Data Change Job
View Job Queue
View Running/Completed

Job Management - Submit Scan Job

Job Parameters:

Job Name:

Rule Set Group Name:

Record **T**ype: Bib

Run Job: Now Later: 5/30/2012 ... 08:05 AM

Scan:

Entire **D**atabase

Existing Set:

Range of Records: to:

Save Records Into:

Existing Set:

New Set:

Job Management: Submit Scan Job 8:00 AM

Creating Record Sets, repeated

- 1) Search [Bibs]
 - ▶ Using any indexed fields, keyword or builder
 - ▶ Can save search queries

- 2) List: known ID number(s) [Bibs, MFHDs, Auths]
 - ▶ Import a text file of IDs
 - ▶ Add one by one

- 3) Scan [Bibs, MFHDs, Auths]
 - ▶ Scans database/set/range of records by tag or subfield
 - ▶ Uses user-created rules

Rules

Perform these actions:

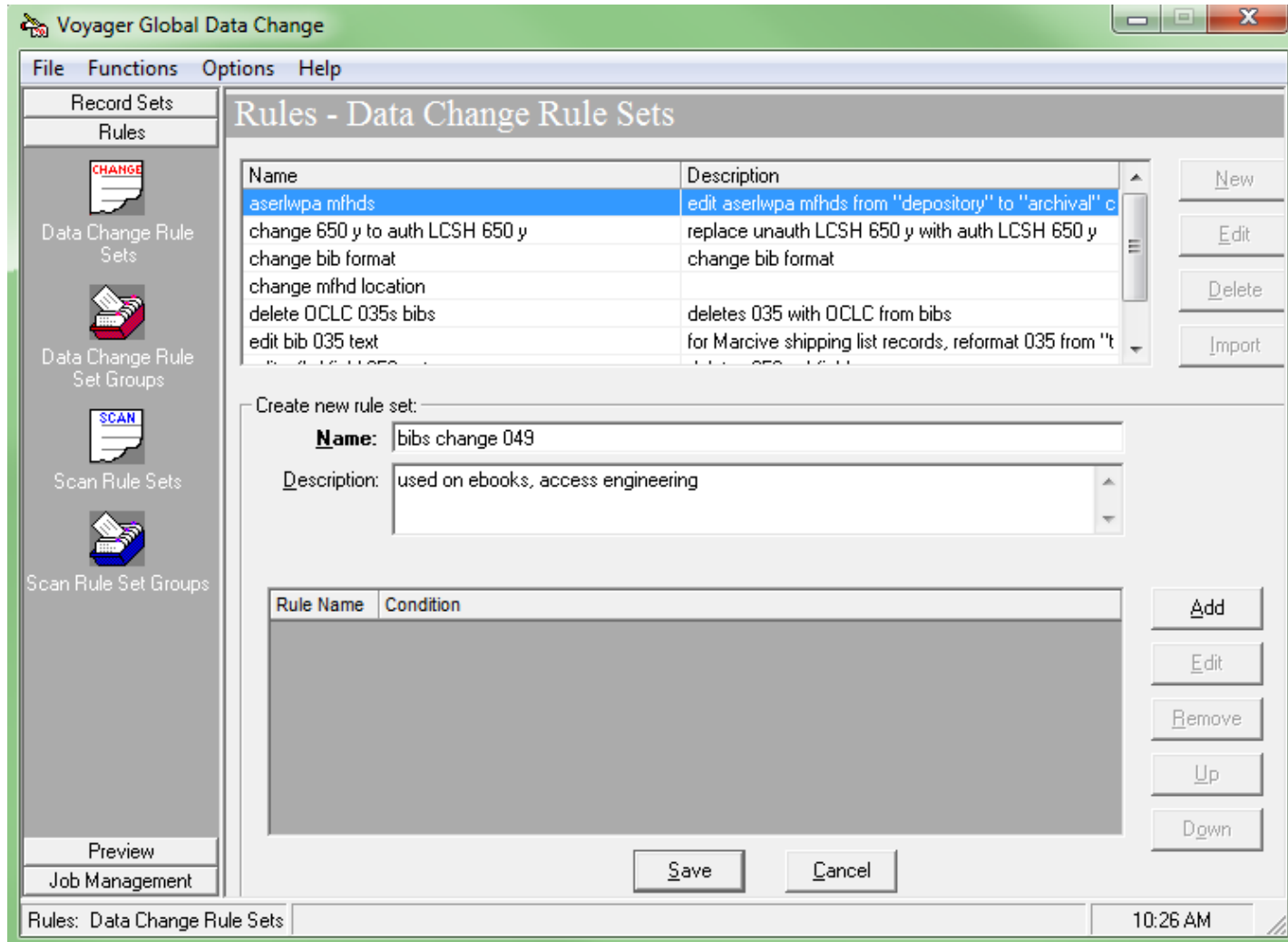
- Add
- Copy
- Update
- Delete
- Replace string with string*

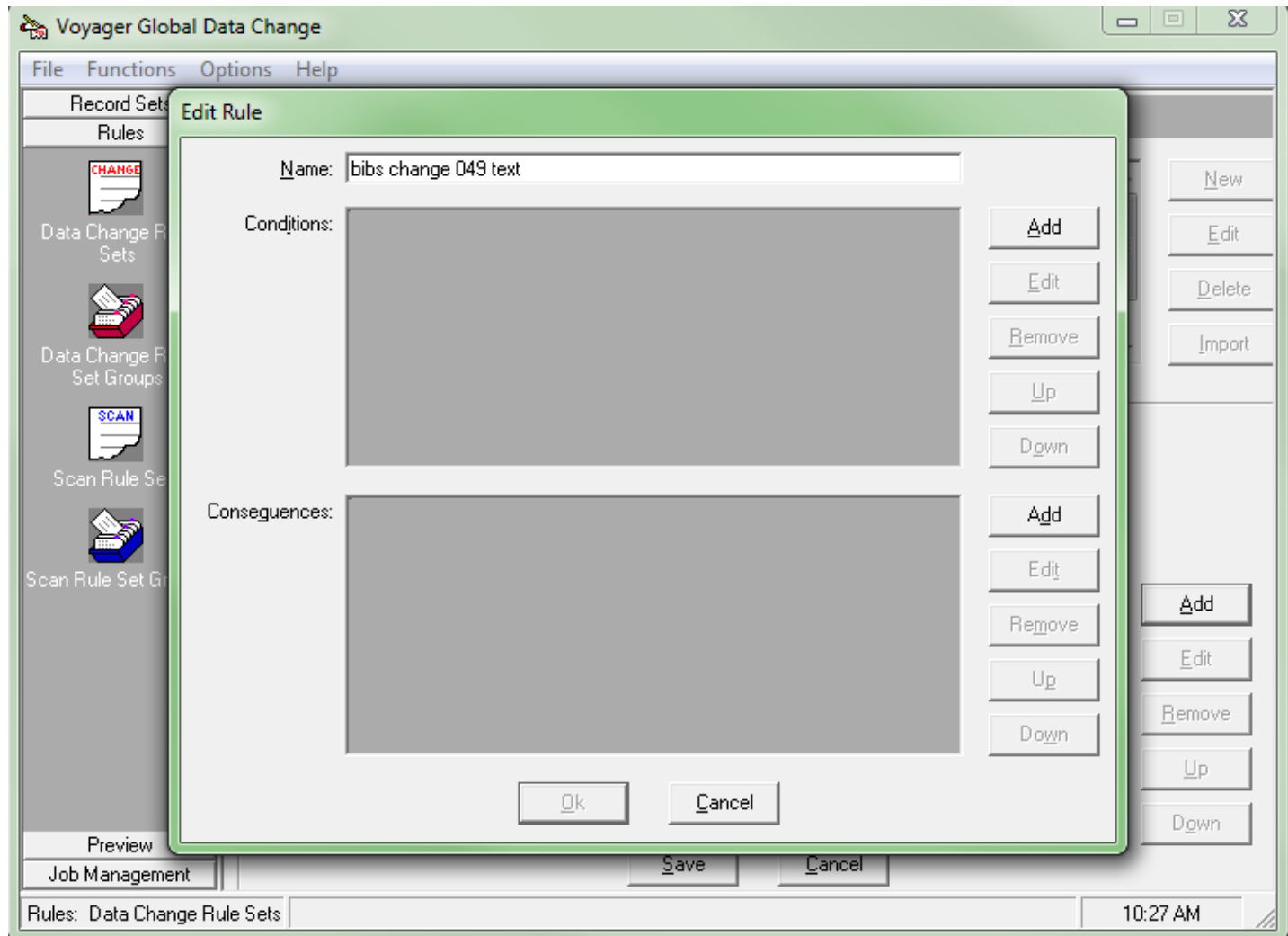
On this data:

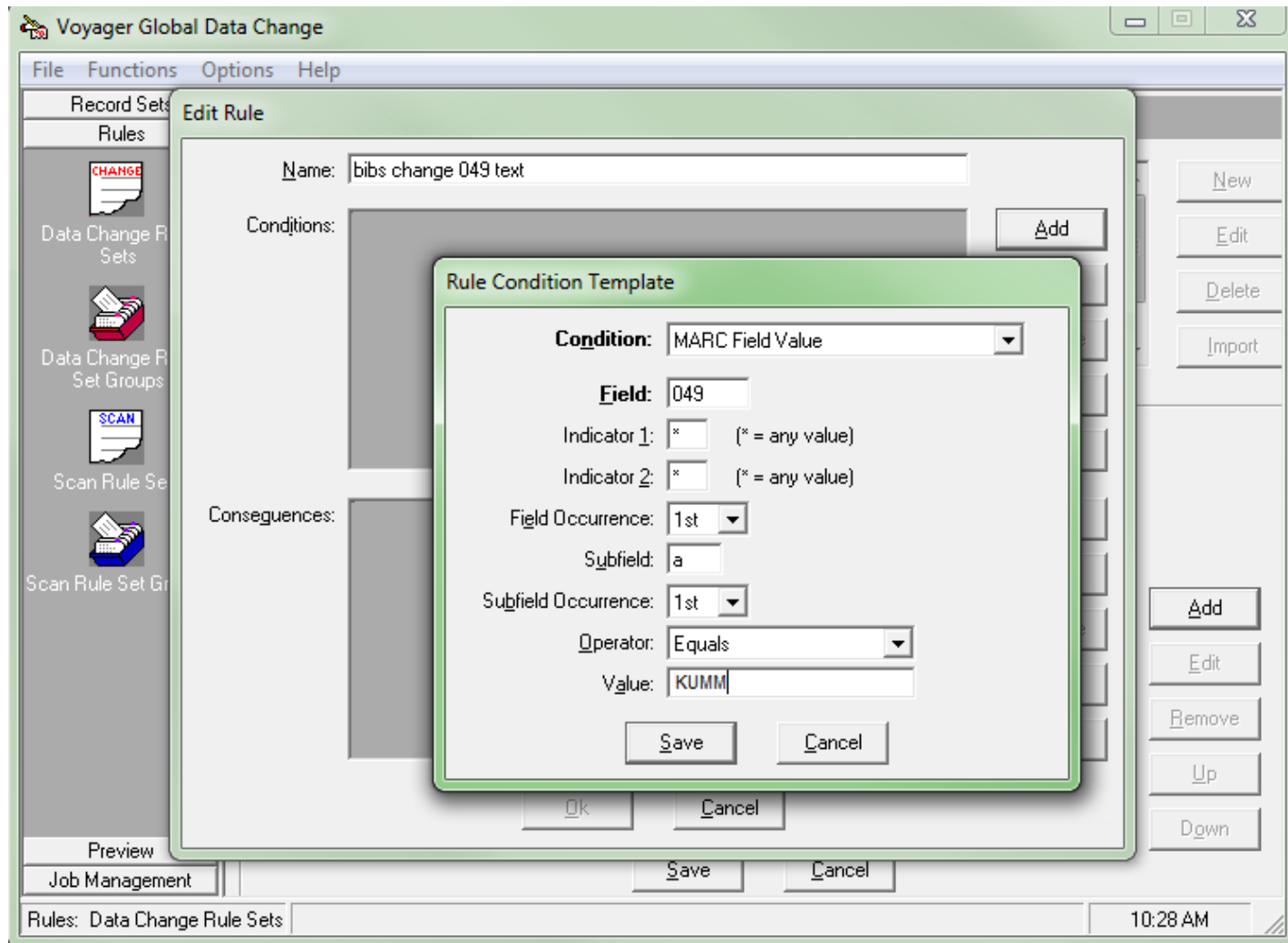
- Tag
- Indicator
- Field
- Subfield
- Fixed field

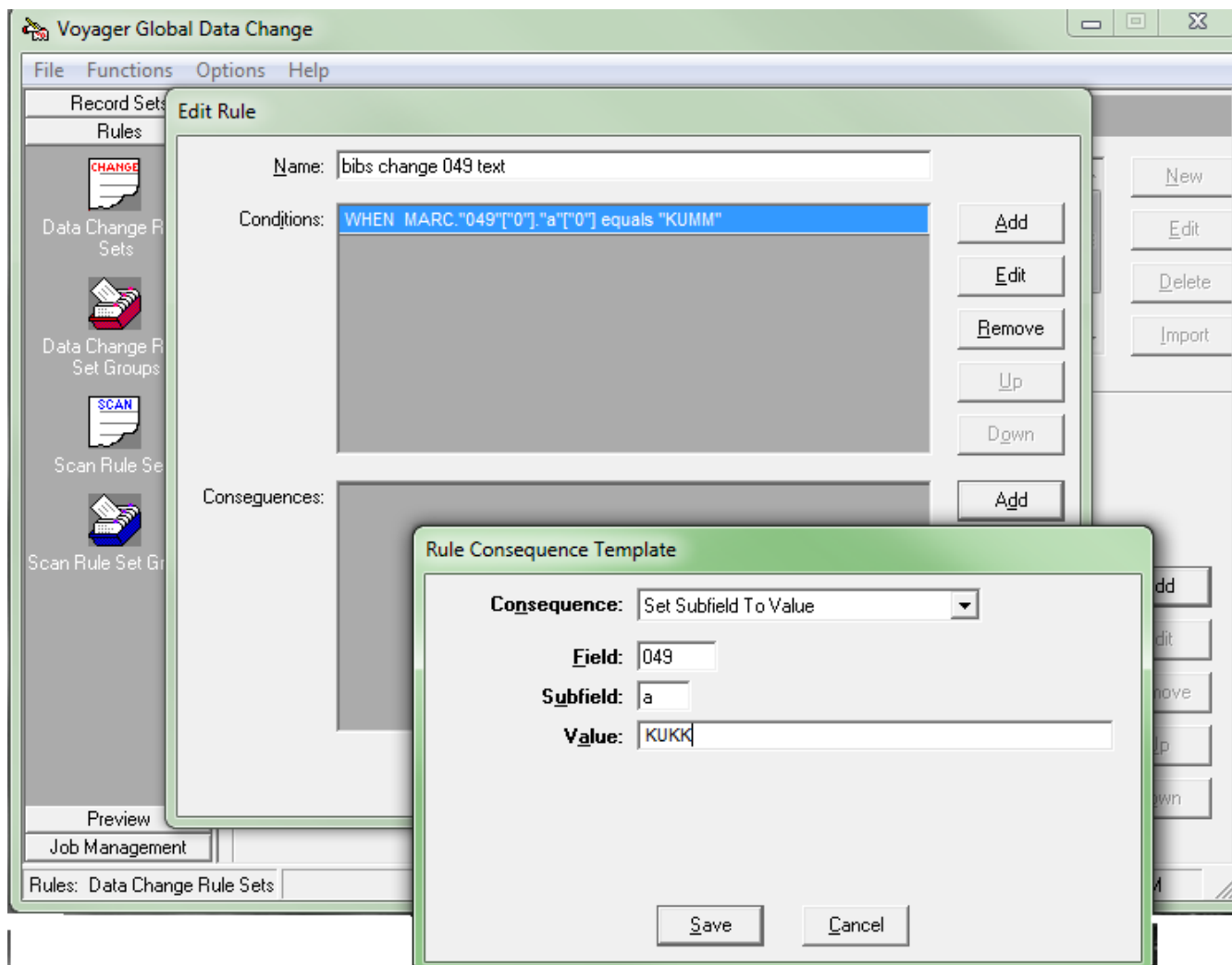
*allows for regex

Creating a rule









Voyager Global Data Change

File Functions Options Help

Record Sets
Rules

Rules - Data Change Rule Sets

Name	Description
aserlwpa mfhds	edit aserlwpa mfhds from "depository" to "archival" c
bibs change 049	used on ebooks, access engineering
change 650 y to auth LCSH 650 y	replace unauth LCSH 650 y with auth LCSH 650 y
change bib format	change bib format
change mfhds location	
delete OCLC 035s bibs	deletes 035 with OCLC from bibs

New
Edit
Delete
Import

Name: bibs change 049
Description: used on ebooks, access engineering
Last Modified: 4/24/2012 Modified By: JulJones

Set:

```

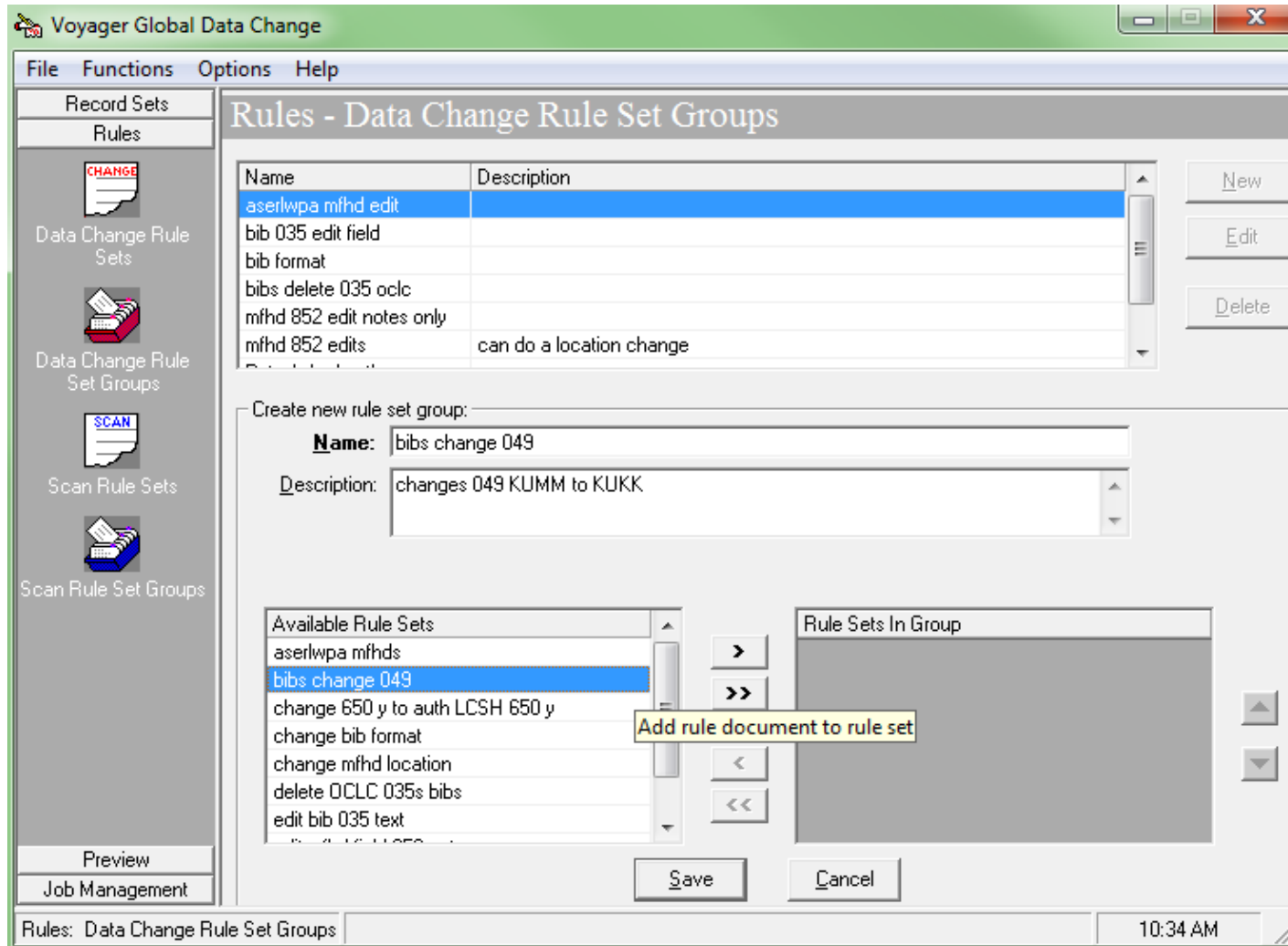
global MarcRecord targetObj
global RuleResult msgObj
rule "bibs change 049 text"
#priority n
when
  MARC."049"[0]. "a"[0] equals "KUMM"
then
  set MARC."049"."a" to "KUKK"
  CHANGED
end
    
```

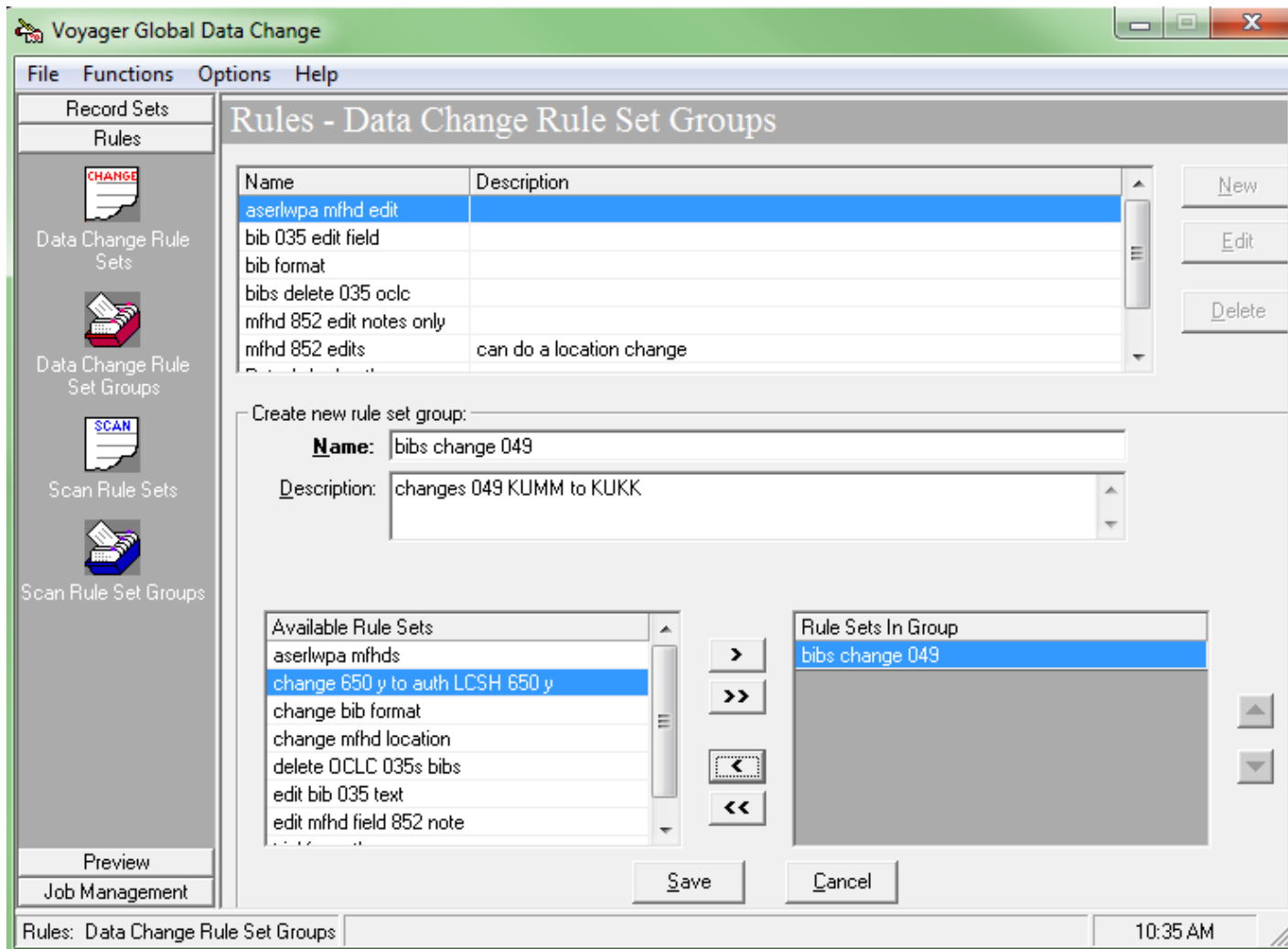
Export

Preview
Job Management

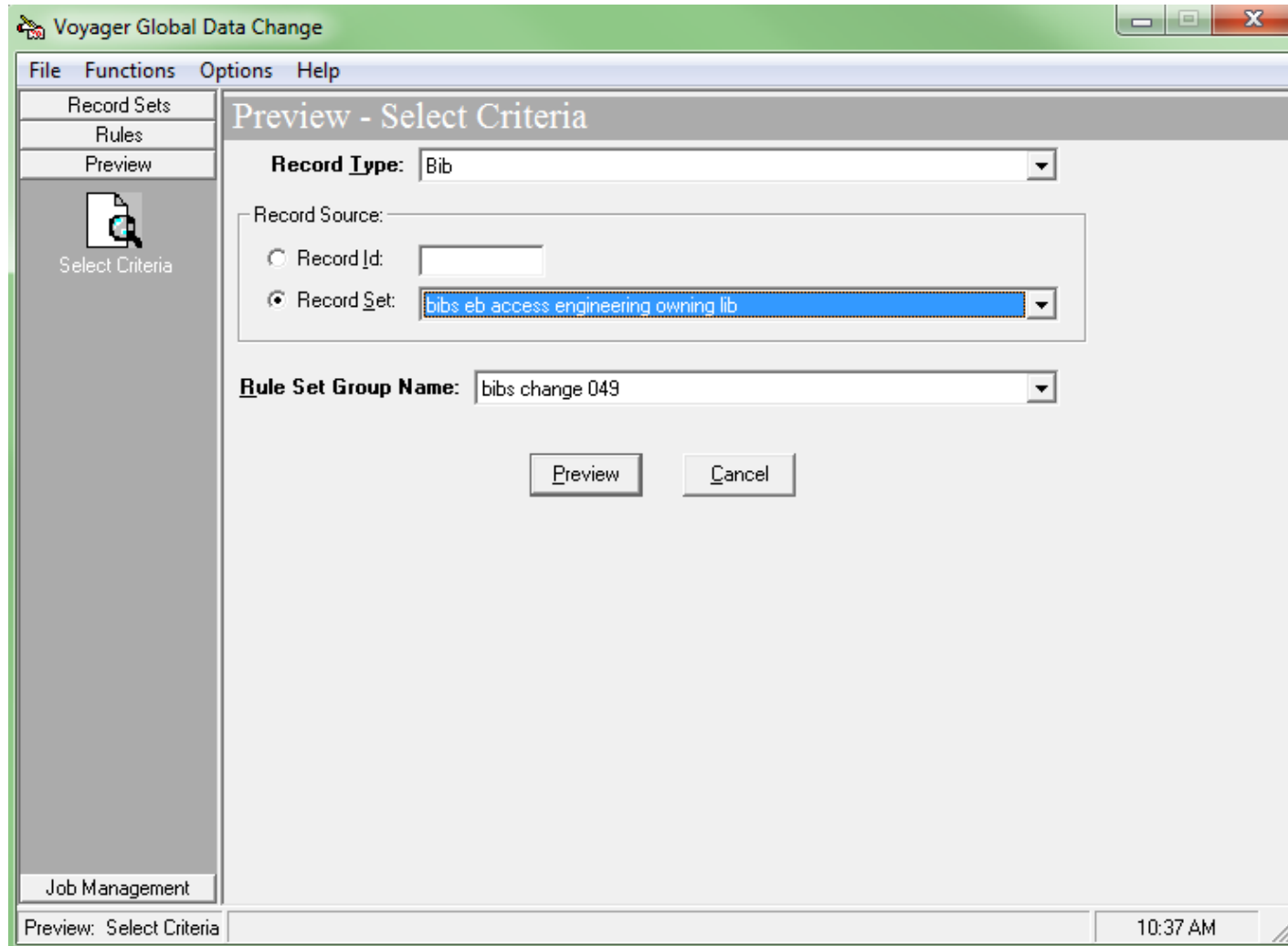
Rules: Data Change Rule Sets 10:32 AM

Add data change rule to group





Preview



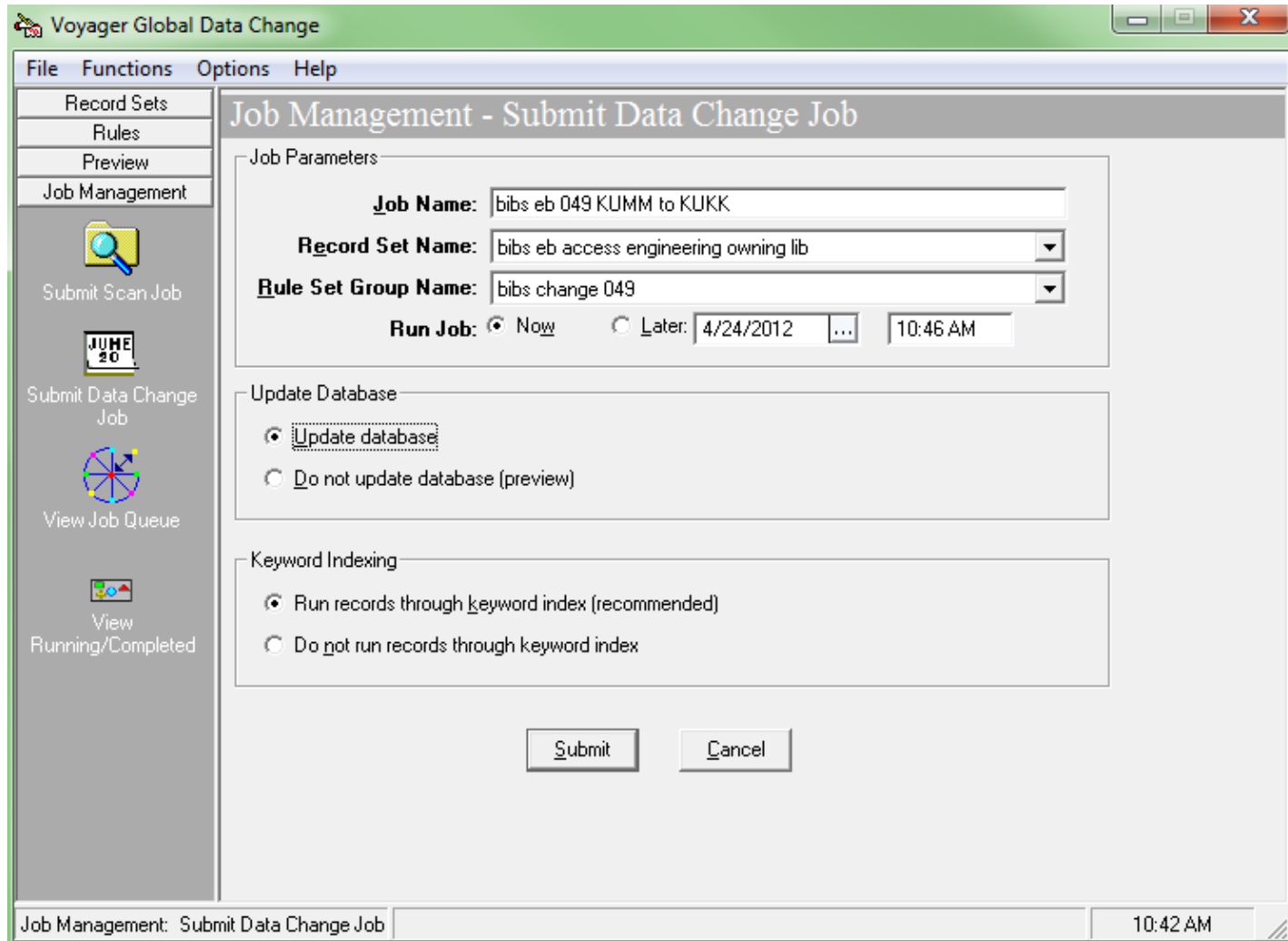
Preview Record Set: bibs eb access engineering owning lib

Preview Record: Bibliographic 3233559 Using Rule Set Group: bibs change 049 Record 1 of 302

Tag	Ind 1	Ind 2	Data (before rules applied)	Tag	Ind 1	Ind 2	Data (after rules applied)
000			02221cam a2200481a 4500	000			02221cam a2200481a 4500
001			3233559	001			3233559
005			20120207110109.0	005			20120207110109.0
006			m d	006			m d
007			cr mnu---unuuu	007			cr mnu---unuuu
008			091026s2010 nyua ob 001 0 eng d	008			091026s2010 nyua ob 001 0 eng d
035			⌘a (OCoLC)ocn459796075	035			⌘a (OCoLC)ocn459796075
040			⌘a NST ⌘b eng ⌘c NST ⌘d OCLCQ ⌘d OSU ⌘d STF ⌘d OCLCQ ⌘d KUK	040			⌘a NST ⌘b eng ⌘c NST ⌘d OCLCQ ⌘d OSU ⌘d STF ⌘d OCLCQ ⌘d KUK
020			⌘a 9780071626767 (electronic bk.)	020			⌘a 9780071626767 (electronic bk.)
020			⌘a 007162676X (electronic bk.)	020			⌘a 007162676X (electronic bk.)
020			⌘a 0071759840 (electronic bk.)	020			⌘a 0071759840 (electronic bk.)
020			⌘a 9780071759847 (electronic bk.)	020			⌘a 9780071759847 (electronic bk.)
020			⌘z 9780071626750 (alk. paper)	020			⌘z 9780071626750 (alk. paper)
020			⌘z 0071626751 (alk. paper)	020			⌘z 0071626751 (alk. paper)
035			⌘a (OCoLC)459796075	035			⌘a (OCoLC)459796075
050		4	⌘a QA76.9.A25 ⌘b H6977 2010eb	050		4	⌘a QA76.9.A25 ⌘b H6977 2010eb
082	0	4	⌘a 005.8 ⌘2 22	082	0	4	⌘a 005.8 ⌘2 22
099			⌘a SEE Internet Access	099			⌘a SEE Internet Access
049			⌘a KUMM	049			⌘a KUKK
100	1		⌘a Howard, Michael, ⌘d 1965-	100	1		⌘a Howard, Michael, ⌘d 1965-
245	1	0	⌘a 24 deadly sins of software security ⌘h [electronic resource] : ⌘b programming flaws and how to fix them / ⌘c Michael Howard, David LeBlanc, and John Viega.	245	1	0	⌘a 24 deadly sins of software security ⌘h [electronic resource] : ⌘b programming flaws and how to fix them / ⌘c Michael Howard, David LeBlanc, and John Viega.
246	3		⌘a Twenty four deadly sins of software security	246	3		⌘a Twenty four deadly sins of software security
260			⌘a New York : ⌘b McGraw-Hill, ⌘c c2010.	260			⌘a New York : ⌘b McGraw-Hill, ⌘c c2010.
300			⌘a 1 online resource (xxxvii, 393 p.) : ⌘b ill.	300			⌘a 1 online resource (xxxvii, 393 p.) : ⌘b ill.
504			⌘a Includes bibliographical references and index.	504			⌘a Includes bibliographical references and index.
505	0		⌘a Part 4. Web application s... ead 2	505	0		⌘a Part 4. Web application s... ead 2

Jump ahead:

Job management



Voyager Global Data Change

File Functions Options Help

Record Sets
Rules
Preview
Job Management

Submit Scan Job
Submit Data Change Job
View Job Queue
View Running/Completed

Job Management - View Job Queue

Scheduled	Job Type	Job Name
2012-04-24 10:43:20	Data Change	bibs eb 049 KUMM to KUKK

Edit
Remove
Refresh

Job Summary

Job type: Data Change Scheduled start: 2012-04-24 10:43:20
 Operator Id: JulJones Record type: Bibliographic
 Record set name: bibs eb access engineering owning lib
 Record range start: Record range end:
 Rule set group name: bibs change 049
 Save record set name:
 Update database flag: Keyword index flag: Modify date: 2012-04-24 10:43:20

Job Management: View Job Queue 10:43 AM

Voyager Global Data Change

File Functions Options Help

Job Management - View Running/Completed

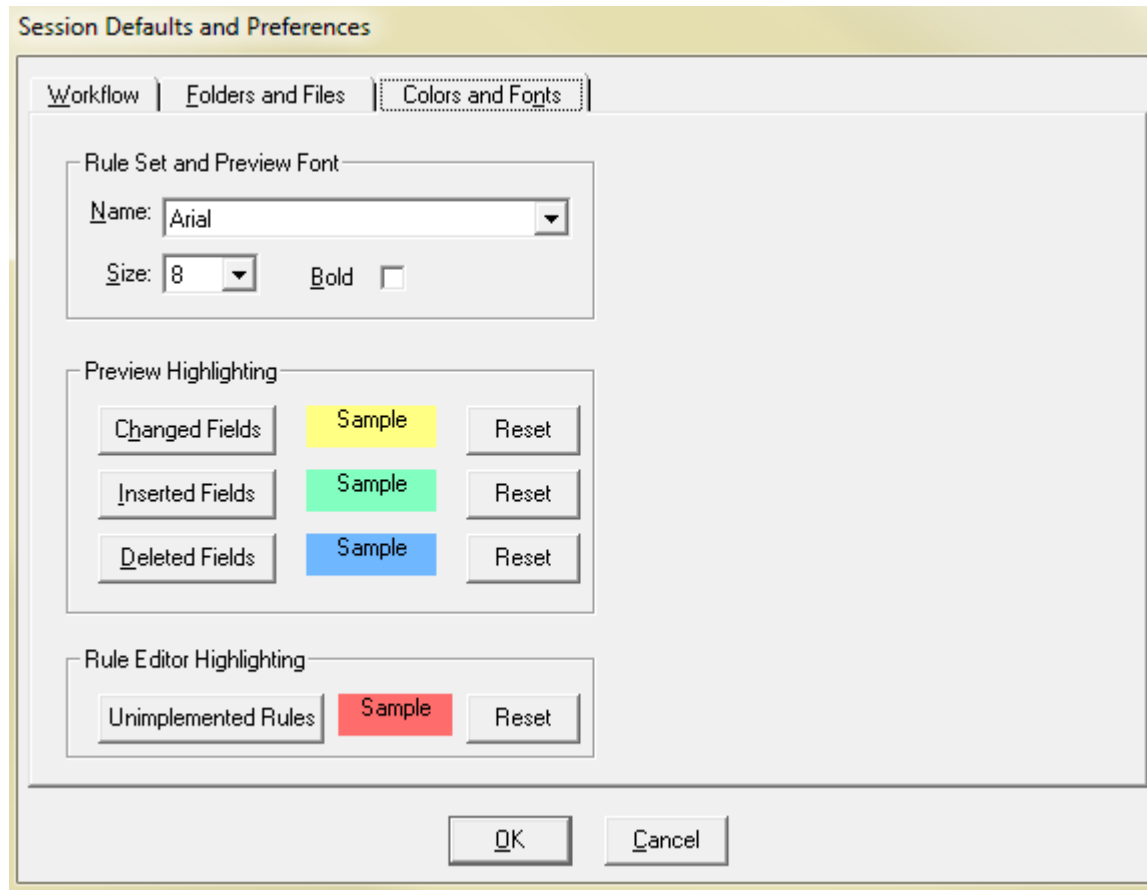
Date / Time	Status	Job Type	Update DB?	Job Name
2012-02-02 08:42:07	Done	Data Change	Y	test1
2012-02-06 07:47:52	Done	Data Change	Y	av provisional project
2012-02-06 08:03:19	Done	Data Change	Y	av provisional project #2
2012-02-08 09:42:28	Done	Data Change	Y	aserlwpa mfhds
2012-03-02 07:26:09	Done	Data Change	Y	change location
2012-03-02 14:41:07	Done	Data Change	Y	remove rdr note
2012-03-13 13:18:00	Done	Data Change	Y	marcive shipping list bibs edit 035
2012-03-15 09:12:23	Done	Data Change	Y	delete 035 oclc from bibs
2012-04-25 00:07:37	Done	Data Change	Y	bibs eb 049 KUMM to KUKK
2012-04-26 14:22:44	Done	Data Change	N	test for tari
2012-05-08 15:07:46	Done	Data Change	Y	aged auth LCSH
2012-05-09 07:52:38	Done	Data Change	Y	bibs auth LCSH 650 reconstruction
2012-05-09 15:34:16	Done	Data Change	Y	bibs lc auth iraq

Job Summary

Job name:	bibs eb 049 KUMM to KUKK		
Job type:	Data Change	Job status:	Done
Scheduled start:	2012-04-24 13:39:24	Actual start:	2012-04-25 00:07:37
Operator Id:	JuJones	Modify date:	2012-04-25 00:09:06
Records to process:	302	Records processed:	302
Records deleted:	0	Record error count:	0
Current bulk number:	1	Update database flag:	Y

Job Management: View Running/Completed 6:37 AM

Setting preferences



Suggested practices / tips

- ▶ Limit access to client
- ▶ Map out where you're going
- ▶ Process step-wise
- ▶ Highlight edited / added fields, distinctly
- ▶ Preview, preview, preview!
- ▶ Naming convention for record sets, rules
- ▶ Larger files take longer to process
- ▶ Based on user profile (your ID will show up a lot!)

Further reading

- ▶ GDC documentation – EL Commons
 - ▶ Appendices, showing examples:
<http://www.exlibrisgroup.org/display/GDC/Home>

Any questions / suggestions?

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