



MONASH University
Library

ANZREG Technical Workshop

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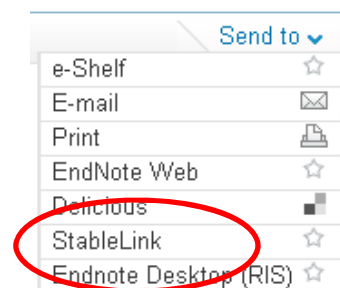


Agenda

- 1 StableLink (PushTo plug-in)
- 2 Excel File Splitter
- 3 Bulk Deletion script

StableLink (PushTo plug-in)

- This plug-in enables the user to copy the link of a selected record for bookmarking.
- Compatible with Primo 3 and 4.



Copy this URL: (Primo Central Record)

http://search.lib.monash.edu/primo_library/libweb/action/dlDisplay.do?loc=adaptor,primo_central_multiple_fe&vid=MUL&docId=TN_mla2009441537

Copy this URL: (Australia copy)

http://search.lib.monash.edu/primo_library/libweb/action/dlDisplay.do?vid=MUL&displayMode=full&docId=catmua1333807



StableLink

DEMO

<http://monash.edu/library/index.html>

StableLink

- Copy the java code to: (on FE Server)
`/exlibris/primo/p4_1/ng/primo/home/profile/search/pushTo/StableLink/`
- Copy the following Primo jar files to the directory above:
 - primo_library-common.jar
 - jaguar-client.jar
 - primo_common-infrastructure.jar
 - xbean.jar
 - javax.sevlet.jar
- Set CLASSPATH to the jar files above before you compile the java code:
Ex. `Setenv CLASSPATH "${CLASSPATH}:/exlibris/primo/p4_1/ng/primo/home/profile/search/pushTo/StableLink/xbean.jar"`
- Copy the compiled code to:
`/exlibris/primo/p4_1/ng/primo/home/system/thirdparty/jbossas/server/search/deploy/primo_library-app.ear/primo_library-libweb.war/WEB-INF/classes/com/exlibris/primo/utlis`
- Restart the FE Service

StableLink

- Add the new plug-in to the “Pushto Adaptors” Mapping Table

[Primo Home](#) > [Advanced Configuration](#) > [All Mapping Tables](#)

> Mapping Tables

Update for Owner:

Sub System :

Table Name :

Mapping Table Rows

Enabled	Adaptor Identifier*	Key*	Value	Description
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Connotea	Class	com.exlibris.primo.utils.ConnoteaProcess	<input type="text"/>
<input checked="" type="checkbox"/>	Connotea	url	http://www.connotea.org/addpopup	<input type="text"/>
<input checked="" type="checkbox"/>	Delicious	Class	com.exlibris.primo.utils.DeliciousProcess	<input type="text"/>
<input checked="" type="checkbox"/>	Delicious	url	http://del.icio.us/post	<input type="text"/>
<input type="checkbox"/>	RefWorks	Class	com.exlibris.primo.utils.RefWorksProcess	<input type="text"/>
<input checked="" type="checkbox"/>	EndNote	Class	com.exlibris.primo.utils.EndNoteProcess	<input type="text"/>
<input checked="" type="checkbox"/>	ShortLinks	Class	com.exlibris.primo.utils.ShortLinks	<input type="text"/>
<input checked="" type="checkbox"/>	RISPushTo	Class	com.exlibris.primo.utils.RISPushTo	<input type="text"/>

Table Description:

StableLink

- To modify the label on the “Send to” dropdown, modify the “Keeping this item Tile” in the Code Tables.
- Deploy mapping & code tables

> Code Tables

Update for Owner: Sub System: Table Name :

Code Table Rows

Enabled	Code ▲ ▼	Description ▲ ▼	Language ▲ ▼	Display Order	Default Value
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="en_US"/>		
<input checked="" type="checkbox"/>	default.fulldisplay.command.pushto.option.F	Endnote Desktop (RIS)	<input type="text" value="en_US"/>	<input type="text" value="24"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	default.results.addtoeshelf	e-Shelf	<input type="text" value="en_US"/>	<input type="text" value="0"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	default.results.remove.eshelf	Remove from e-Shelf	<input type="text" value="en_US"/>	<input type="text" value="1"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	default.fulldisplay.command.pushto.option.C	Delicious	<input type="text" value="en_US"/>	<input type="text" value="2"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	default.fulldisplay.command.pushto.option.C	Connotea	<input type="text" value="en_US"/>	<input type="text" value="3"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	default.fulldisplay.command.pushto.option.S	StableLinks	<input type="text" value="en_US"/>	<input type="text" value="0"/>	<input type="checkbox"/>

Table Description:

Excel File Splitters

- Harvesting information from data stored in Excel files.
- Aside from Voyager, Monash stores some inventory information in excel, word and html files. This includes our maps & Asian studies collection.

	A	B	C	D	E	F	G	H	I
1	ID	Delete	Scale	Title	Author	Publisher	Date	Callno	Location
2	1	FALSE	1:11,000,000	North America	North America Author	National Geographic	1952	H.1.T	North America
3	2	FALSE	1:10,000,000	Reference Map to North America, 2nd ed.	National Atlas Information S	Geomatics Canada, Nation	1995	H.1.T	North America
4	3	FALSE	1:5,000,000	Oil and Petroleum Maps of North America	Oil and Petroleum Author	Petromotion	1976	H.1.S	North America
5	DC15	FALSE	none	Confession of Huot Sambath	Huot Sambath	David Chandler Cambodia	1976	ASRC-DC15	Albania
6	DC21	FALSE	none	Who are the murderers of the Khmer People	Sim Kim	Sithan Hin	1988	ASRC-DC21	Cambodia
7									

- Written by Exlibris, available on the EI Commons site
- <http://www.exlibrisgroup.org/display/PrimoOI/File+Splitter+Plug-In>

Excel File Splitters

- Implementing it on your BO server:

1. Copy 3 files

- 2 JAR files (**excel.jar** and **jxl.jar**)
- The Excel file splitter JAVA code.

2. Compile the Excel file splitter and wrap it as a new JAR file.

- **setenv CLASSPATH**

- "\${CLASSPATH}:/exlibris/primo/p4_1/ng/primo/home/profile/publish/publish/production/conf/fileSplitter/lib/"**

- **javac ExcelFileSplitter.java**

- **jar cvf filesplitters.jar filesplitters**

3. Place all the 3 JAR files under:

- **\$primo_dev/ng/primo/home/profile/publish/publish/production/conf/fileSplitter/lib/**

Excel File Splitters

- Register the Excel File Splitter and Deploy changes

Primo Home > Advanced Configuration > All Mapping Tables

> Mapping Tables

Update for Owner: Sub System: Table Name:

Mapping Table Rows

Enabled	Name*	Splitter Class	Description
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	OAI splitter	com.exlibris.primo.publish.platform.harvest.splitters	OAI Splitter
<input checked="" type="checkbox"/>	Static OAI splitter	com.exlibris.primo.publish.platform.harvest.splitters	Static OAI Splitter
<input checked="" type="checkbox"/>	MARC Exchange splitter	com.exlibris.primo.publish.platform.harvest.splitters	MARC Exchange splitter
<input checked="" type="checkbox"/>	SFX XML splitter	com.exlibris.primo.publish.platform.harvest.splitters	SFX XML splitter
<input checked="" type="checkbox"/>	WARC splitter	com.exlibris.primo.publish.platform.harvest.splitters	WARC splitter
<input checked="" type="checkbox"/>	Extensions File Splitter	com.exlibris.primo.publish.platform.harvest.splitters	Extensions File Splitter
<input checked="" type="checkbox"/>	Excel File Splitter2	filesplitters.excel.ExcelFileSplitter	Excel File Splitter

Excel File Splitters

- Test if the Excel File Splitter works

File Splitter: *

File Path: *

Character Set: *

Of Records To Print: *

Record IDs:

Requested to print 10 records, but only 5 exist in file

#: 1	
id	1
deleted indication	false
data	<record><Scale>1:11,000,000</Scale><Tile>North America</Tile><Author>North America Author</Author><Publisher>National Geographic</Publisher><Date>1952</Date><Callno>H.1.T</Callno><Location>North America</Location></record>
#: 2	
id	2
deleted indication	false
data	<record><Scale>1:10,000,000</Scale><Tile>Reference Map to North America, 2nd ed.</Tile><Author>National Atlas Information Service</Author><Publisher>Geomatics Canada, National Resources Canada</Publisher><Date>1995</Date><Callno>H.1.T</Callno><Location>North America</Location></record>
#: 3	
id	3
deleted indication	false
data	<record><Scale>1:5,000,000</Scale><Tile>Oil and Petroleum Maps of North America</Tile><Author>Oil and Petroleum Author</Author><Publisher>Petromotion</Publisher><Date>1976</Date><Callno>H.1.S</Callno><Location>North America</Location></record>
#: 4	
id	DC15
deleted indication	false
data	<record><Scale>none</Scale><Tile>Confession of Huot Sambath</Tile><Author>Huot Sambath</Author><Publisher>David Chandler Cambodia Collection</Publisher><Date>1976</Date><Callno>ASRC-DC15</Callno><Location>Albania</Location></record>
#: 5	
id	DC21
deleted indication	false
data	<record><Scale>none</Scale><Tile>Who are the murderers of the Khmer People</Tile><Author>Sim Kim</Author><Publisher>Sithan Hin</Publisher><Date>1988</Date><Callno>ASRC-DC21</Callno><Location>Cambodia</Location></record>

Excel File Splitters

- Create a Normalization Rule and map the XML field to the Excel column

Normalization Rules Set: PNX Section: Display Empty PNX fields

Normalization Rules Set Attributes

Set Name: Set Description:
Version: Enable:

Normalization Rules for PNX Section `display` in Normalization Rules set `MUA_MAPS`

PNX Field	Version	Source Field	Action	Updated By	Updated Date	
<code>display:type</code>	1	Type: Constant Value: map Comments	Add single PNX field	raorodio	2012-07-06 15:32:13.0	Edit
<code>display:title</code>	1	Type: XML Field: Title Attribute: Value Comments	Add single PNX field	raorodio	2012-07-06 14:53:42.0	Edit
<code>display:creator</code>	1	Type: XML Field: Author Attribute: Value Comments	Add single PNX field	raorodio	2012-07-06 14:57:12.0	Edit
<code>display:publisher</code>	1	Type: XML Field: Publisher Attribute: Value Comments	Add single PNX field	raorodio	2012-07-06 14:57:27.0	Edit
<code>display:creationdate</code>	1	Type: XML Field: Date Attribute: Value Comments	Add single PNX field	raorodio	2012-07-06 14:57:42.0	Edit

Excel File Splitters

- Create a data source to identify the records

Primo Home > Ongoing Configuration Wizards > Pipe Configuration Wizard > Data Sources Configuration

> Data Sources

Data Source Attributes for mon-maps

Source Description	Owner: Monash University Library	Source name: mon-maps	Source code: maps
	Source format: Digital Entity	Description: Contains map resources	Original Source Code
Source Definition	Source system: Other	Character Set: UTF-8	Version
	File Splitter: Excel File Splitter2	Transformation file name 	Input Record Path record
	<input type="checkbox"/> File needs transformation		XREF keys ISBN LCCN OCLC ISSN

Excel File Splitters

- Create a new scope

[Primo Home](#) > [Ongoing Configuration Wizards](#) > [Pipe Configuration Wizard](#) > [Scope Values Configuration](#)

> **Edit Scope**

General Attributes for Scope MUA Maps

Owner: Monash University Library

Scope Value Name:

Scope Value Code:

Manually defined Search Scope

Description:

Scope Type:

Shared by other Institutions

Use Scope for: **Search** **Restricted Search** **Restricted Delivery**

Excel File Splitters

- Create a pipe to harvest the map information from the Excel file

> Define Pipe

Owner: Monash University Library Pipe Name: mon_maps_test Pipe Type: Regular

Pipe Description:

Source	Normalization and Enrichment	Errors
Data Source: * <input type="text" value="mon-maps"/>	Normalization Mapping Set: * <input type="text" value="MUA_MAPS"/>	Priority: * <input type="text" value="Medium"/>
Harvesting method: * <input type="text" value="Copy"/>	Enrichment Set: * <input type="text" value="No Enrichments"/>	Maximum error threshold: <input type="text" value="5"/> % (1-100)
Source directory: * <input type="text" value="/tmp/maps/"/> <input type="checkbox"/> Delete after copy	Harvested File Format: * <input type="text" value="*.gz"/>	
Start harvesting files/records from: * <input type="text" value="Jul 12, 2012"/>	System Last Stage: * <input type="text" value="FRBR"/>	
Start time: <input type="text" value="16"/> : <input type="text" value="07"/> : <input type="text" value="50"/>		

Excel File Splitters

- Run Harvesting, Indexing & Hotswapping process

PNX Viewer

Record ID: Created after: Updated after:

MM/dd/yyyy HH:mm MM/dd/yyyy HH:mm

PNX List

Row Counter	Record ID	Match ID	FRBR ID	Creation Date	Update Date	More
1	maps1	31923478	31916723	07/06/2012 14:55	07/12/2012 16:08	<input type="button" value="View PNX"/>
2	maps2	31923477	31916722	07/06/2012 14:55	07/12/2012 16:08	<input type="button" value="View PNX"/>
3	maps3	31923479	31916724	07/06/2012 14:55	07/12/2012 16:08	<input type="button" value="View PNX"/>
4	mapsDC15	32911186	32808895	07/12/2012 16:08	07/12/2012 16:08	<input type="button" value="View PNX"/>
5	mapsDC21	32911187	32808896	07/12/2012 16:08	07/12/2012 16:08	<input type="button" value="View PNX"/>

Excel File Splitters

- Search will result to

The screenshot shows the Monash University Library search interface. The search query is "Oil and Petroleum Maps of North America". The results page displays 4,336 results for all resources, sorted by relevance. The top result is "Oil and Petroleum Maps of North America" by Oil and Petroleum Author, published in 1976. The details panel for this result shows the title, author, subject (North America), description (1:5,000,000), publisher (Petromotion), date (1976), and identifier (H.1.S).

MONASH University Library Search

Guest e-Shelf My Loans Sign in

Databases Basic search Advanced search Browse search A-Z eJournals Tags Help

Oil and Petroleum Maps of North America All resources Go

☆ Add page to e-Shelf

Show only

- Peer-reviewed Journals (2,527)
- Full Text Online (4,335)

Refine results

Resource type

- Articles (2,517)
- Audio Visual (5)
- Books (202)
- Conference Proceedings (110)
- Newspaper Articles (747)
- Other (11)
- Reference entries (26)
- Reviews (600)

More options

Date

- Before 1961 (44)
- 1961 To 1973 (85)

Show bX Hot Articles

4,336 Results for All resources Sorted by: Relevance 1 2 3 4 5 ... Next

☆ Oil and Petroleum Maps of North America

Oil and Petroleum Author
1976

Check Locations

Map

Like 0

Details Request Reviews & Tags More

Send to

Title: Oil and Petroleum Maps of North America
Author: Oil and Petroleum Author
Subjects: North America
Description: 1:5,000,000
Publisher: Petromotion
Date: 1976
Identifier: H.1.S

Bulk deletion script

PRIMO Data Source:

```
primopnx1001  
primopnx1002  
primopnx1003  
primopnx1004  
primopnx1005  
primopnx1006  
primopnx1007  
primopnx1008  
primopnx1009  
primopnx1010
```

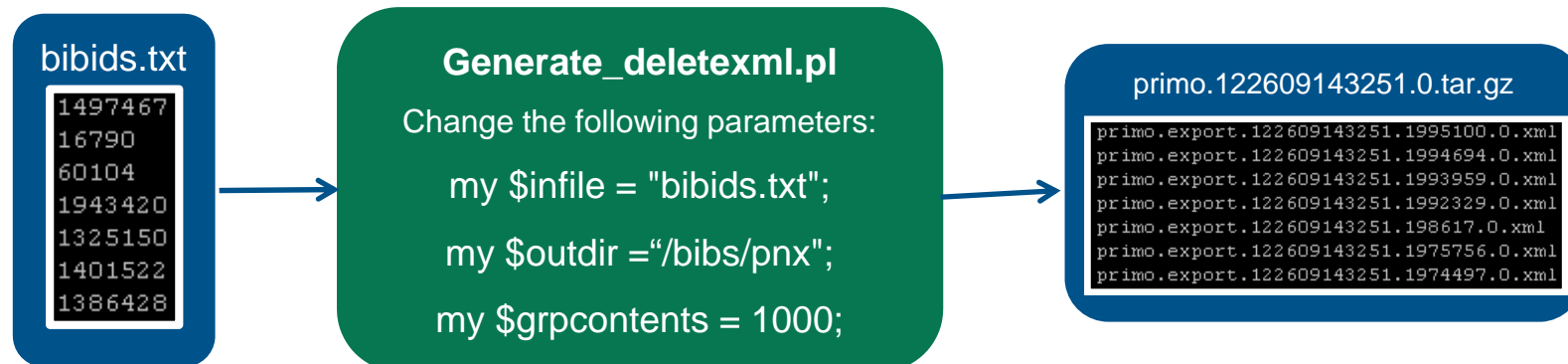
- I want to delete multiple BIBIDs from a data source, what do I do?
- Specify the BIBIDs for deletion.

Delete the following BIBIDs

```
1003  
1005  
1006  
1008  
1010
```

Bulk deletion script

- This Perl script is used to delete a number of BIBID's from an existing data source.
- It requires a text file which contains a list of BIBID's .
- Produces a tar file containing 1000 xml files for each group.



XML File for Harvesting

- XML Filename syntax:
primo.export.YYDDMMHHMMSS.BIBID.GRPID.xml

ex. primo.export.121405130000.3182266.0.xml

- XML File contents

```
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/ http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd"
  <ListRecords xmlns="">
    <record>
      <header status="deleted">
        <identifier>
          3182266
        </identifier>
        <timestamp>
          2012-14-05T13:00:00Z
        </timestamp>
      </header>
      <metadata/>
    </record>
  </ListRecords>
</OAI-PMH>
```

Process the *.gz files through a “Regular Pipe”, then run an Indexing & Hotswapping process after.

> Define Pipe

Owner: Monash University Library	Pipe Name: Manual_Run_MonAuVoy	Pipe Type: Regular
----------------------------------	--------------------------------	--------------------

Pipe Description:

Source	Normalization and Enrichment	Errors
<p>Data Source: * mon-au-voy</p> <p>Harvesting method: * SFTP</p> <p>Server: * voyager.server.edu</p> <p>Username: * voyager</p> <p>Password: * ●●●●●●●●</p> <p>Source directory: * /m1/voyager/monasl</p> <p><input checked="" type="checkbox"/> Delete after copy</p> <p>Start harvesting files/records from: * Nov 02, 2012</p> <p>Start time: 12 : 24 : 33</p>	<p>Normalization Mapping Set: * MON_VOYAGER</p> <p>Enrichment Set: * Voyager</p> <p>Harvested File Format: * *.tar.gz</p> <p>System Last Stage: * FRBR</p>	<p>Priority: * Medium</p> <p>Maximum error threshold: 5 % (1-100)</p>



Thank you!

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