

Batch It!

A Quicker Way to Bring ETDs into the Bibliographic Utility

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Metadata Coordinator

2013 TxETDA/USETDA Region 3 Joint Conference

University of Houston

- * State Research University established in 1927
- * Nearly 41,000 students
- * Around 9000 graduate students
- * Over 300 degree program through 12 academic colleges: 131 master, 54 research doctorates



UNIVERSITY of
HOUSTON
A CARNEGIE-DESIGNATED TIER ONE
PUBLIC RESEARCH UNIVERSITY

UH Libraries Theses and Dissertations Collection

- * Year started: early 1940s
- * Collection size: ca. 20,000 titles (print + electronic)
- * UH Libraries currently receive around 500 titles each year
- * All the TDs are cataloged
- * A copy for general stack and copy for Spec Coll



UH Libraries TD Classification

Thesis Classification

University of Houston theses are classified by three digits number assigned to each college or department.

Format of call number: Thesis + Three Digits Number + Year + .Cutter by Author

Example: Thesis 810 2007.S56 (Thesis by Short, Roberta Harris from UH. Dept. of English in 2007)

Name of College or Department	Classification	OCLC Constant Data Abbreviation
http://www.bauer.uh.edu/ [College of Business]		
C.T. Bauer College of Business	380	tbusiadm
http://www.coe.uh.edu/ [College of Education]		
Univ. of Houston. College of Education	370	teduc
http://www.class.uh.edu/ [College of Liberal Arts and Social Sciences]		
Univ. of Houston. Dept. of Comparative Cultural Studies.	302	tanthro
Univ. of Houston. School of Art	750	tart

ETDs at UH Libraries

- * UH initially had a local ETD repository
- * Transitioned to Vireo in 2009
- * Uploaded first ETDs to TDL in April 2010
- * All colleges in the UH system now uploading to Vireo
- * To date, UH has ca. 800 ETDs



ETDs To UH Library Catalog

UNIVERSITY of **HOUSTON** | LIBRARIES

- * Need for greater access – UH discovery tool does not connect to ETD Digital Library – DSpace
- * Need for consistent and robust retrieval and repository of print and electronic theses
- * Need to share UH ETDs with other access tools: OCLC WorldCat

Advanced Search

Enter Search Terms

Any Field: And

Any Field: And

Any Field: And

Any Field: And

☐ Limit search to available items

Submit Clear Form Try Basic Search

Add Limits (Optional)

Location: UH Main & Other Resources

Sub-collection: TEXAS DOCUMENTS
TEXTBOOKS K-12
THESES (UH,UHCL,UHD)
U.S. DOCUMENTS

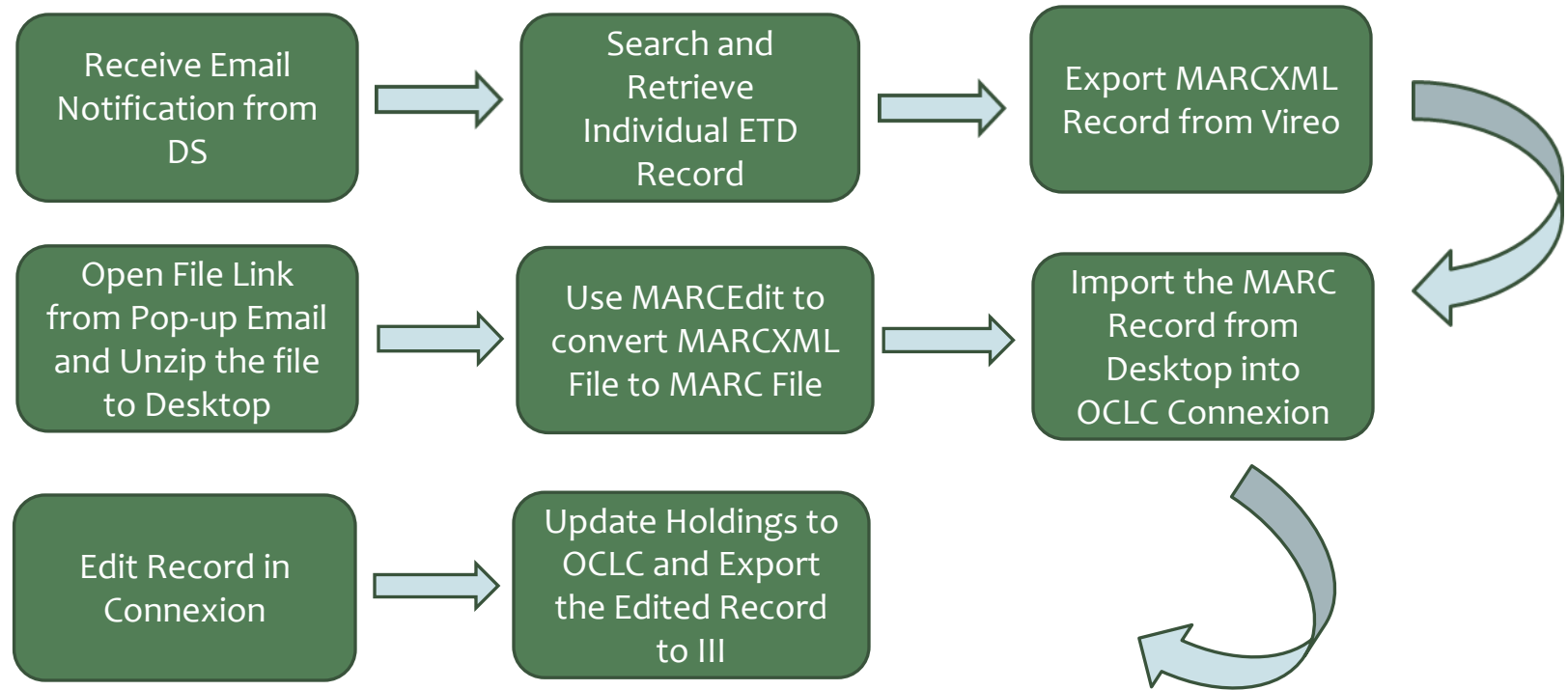
Material Type: ANY
ARCHIVES
BOOK
EBOOK
EJOURNAL

Language: ANY
English
French
German
Italian

Wildcards

Boolean Operators

Former Process – Individual Record

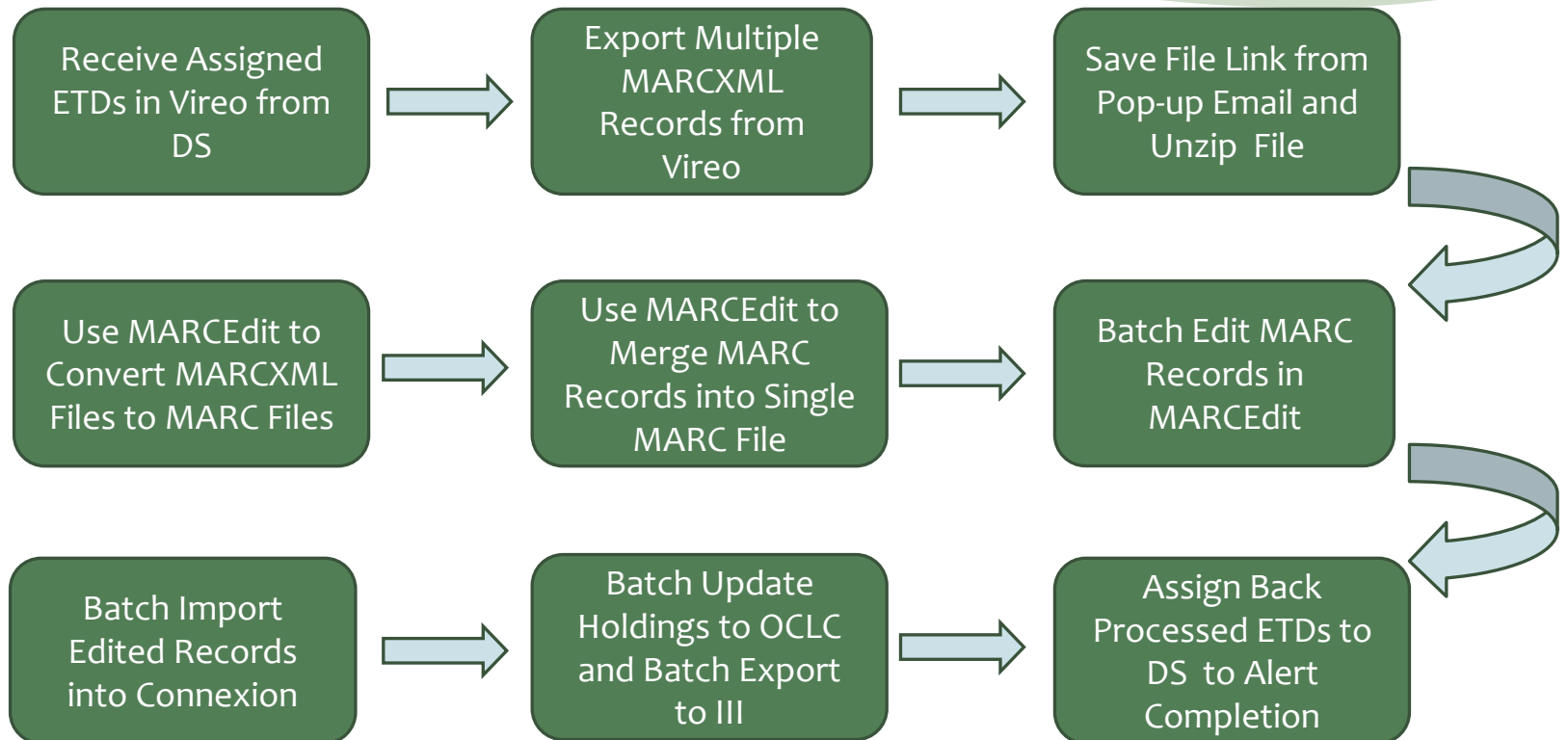


Disadvantage for Individual Record Process

- * Vireo staff-side search function is limited - it can retrieve multiple records per search, not just the related single record for us to export
- * Not efficient – record by record process



New Process – Batch File



Assigned Records From DS



THESIS AND DISSERTATION
MANAGEMENT SYSTEM

sathompson3@uh.edu | Help | Logout

List

View

Log

Settings

List ETDs

Now Filtering By: [-]

ASSIGNED TO

Santi Thompson

Filter Options [-]

MANAGE FILTERS

Clear current filter
Save or edit filters

Filter Further By: [-]

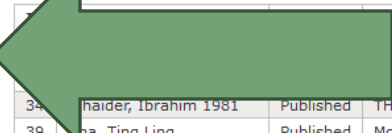
SEARCH BOX

STATUS

Active
Archived

ASSIGNED TO

Unassigned
Ryan Steans
Tiffany Roosa
Brian Knoll
Rob Spragg
Anna Marchese
more...



			Document title	Submission date
			...rrespondence of directly and indirectly measured built environment attrib...	06 May 2010
34	haider, Ibrahim 1981	Published	THE PROTECTIVE EFFECTS OF CHRONIC CAFFEINE TREATMENT ON THE COGNITIVE FUNCT...	09 May 2010
39	ha, Ting Ling	Published	Motivational beliefs, ethnic identity, and sense of belonging: Relations to...	13 May 2010
43	Steel, Douglas 1966	Published	Exploring a Broader View of Technology Acceptance	20 May 2010
42	Patki, Gaurav 1980	Published	Neuronal and Mitochondrial Protection in Chronic Parkinsonism	29 May 2010
47	Summers, Bryce 1974	Published	Factor Structure and Validity of the Lesbian, Gay, and Bisexual Knowledge a...	20 Jul 2010
50	Adelman, Chana 1975	Published	Factors that infuence age of identification of children with autism and per...	24 Aug 2010
57	Avina, Vanessa 1982	Published	Eating Disorder Symptomotology: The Role of Ethnic Identity in Caucasian and Hispanic College Women	05 Oct 2010
73	Lopez, Caroline 1985	Published	Animus, Anima, and Shadow: Gender Role Representation in Fantasy Films of the Third Wave Feminist Era	08 Dec 2010
74	Ligocki, Michael	Published	The Constructs of Empathy, Mindfulness, Self-Compassion and Self-Rumination...	08 Dec 2010
83	Wyatt, Ronald 1980	Published	Voices of Assistant Principals on the Importance of Student Discipline to Effective Schools	10 Dec 2010

11 matching records displayed on 1 page

Exporting MARCXML Records



THESIS AND DISSERTATION
MANAGEMENT SYSTEM

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Filter Options

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Clear current filter
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Filter Further By:

SEARCH BOX

Go

STATUS

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ASSIGNED TO

Unassigned
Ryan Steans
Tiffany Roosa
Brian Knoll
Rob Spragg
Anna Marchese
more...

Your MARCXML records export has been requested. You will receive an email once the compressed file is ready for download.

ID	Student name	Status	Document title	Submission date
22	McAlexander, Kristen 1981	Published	Correspondence of directly and indirectly measured built environment attrib...	06 May 2010
34	Alhaider, Ibrahim 1981	Published	THE PROTECTIVE EFFECTS OF CHRONIC CAFFEINE TREATMENT ON THE COGN...	06 May 2010
39	Sha, Ting Ling	Published	Motivational beliefs, ethnic identity, and sense of belonging: Relations to...	06 May 2010
43	Steel, Douglas 1966	Published	Exploring a Broader View of Technology Acceptance	06 May 2010
42	Patki, Gaurav 1980	Published	Neuronal and Mitochondrial Protection in Chronic Parkinsonism	06 May 2010
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57	Avina, Vanessa 1982	Published	Eating Disorder Symptomatology: The Role of Ethnic Identity in Caucasian and Women	05 Oct 2010
73	Lopez, Caroline 1985	Published	Animus, Anima, and Shadow: Gender Role Representation in Fantasy Films of the Feminist Era	08 Dec 2010
74	Ligocki, Michael	Published	The Constructs of Empathy, Mindfulness, Self-Compassion and Self-Rumination	08 Dec 2010
83	Wyatt, Ronald 1980	Published	Voices of Assistant Principals on the Importance of Student Discipline to Effective	09 Dec 2010












11 matching records displayed on 1 page

Advanced Features

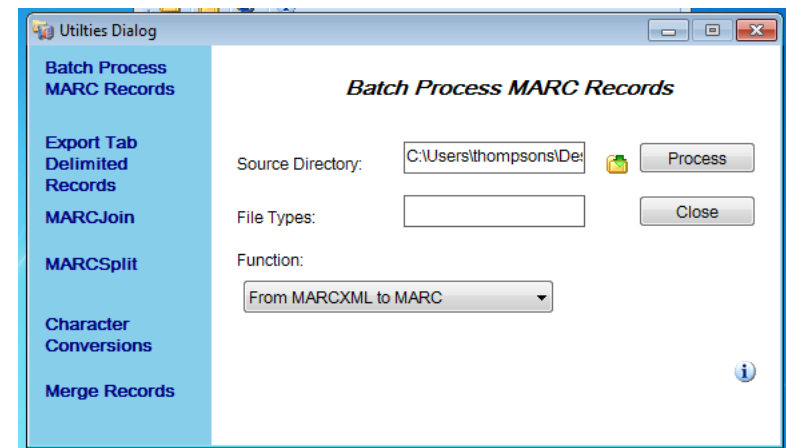
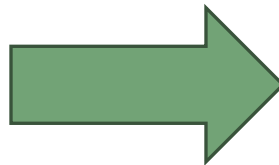
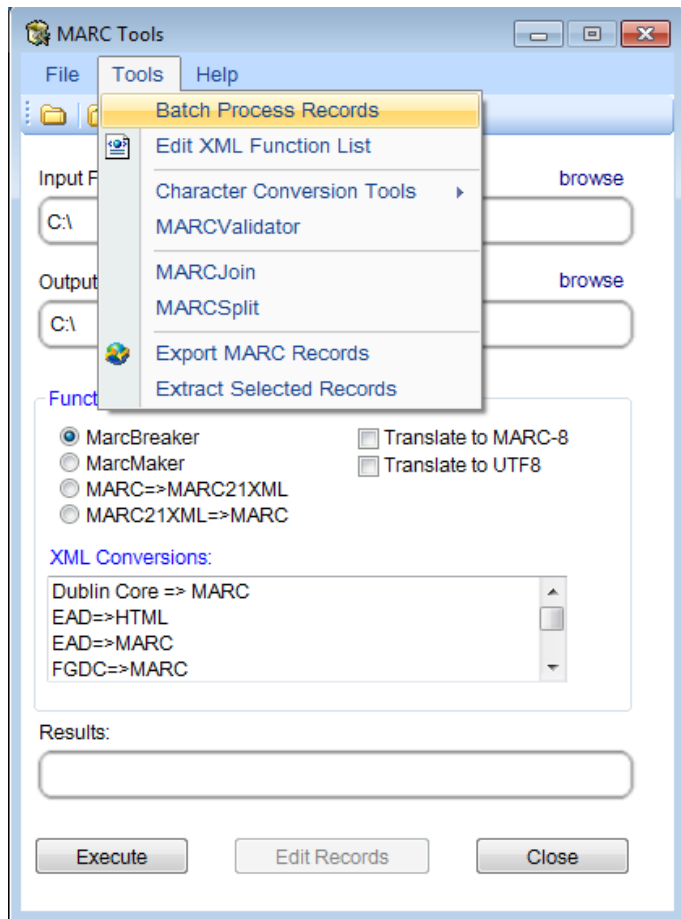
EXPORT FUNCTIONS

Export Items
Export MARCXML Records
Export MODS Records























Exported MARCXML Records

 ADELMAN--47-MARC.xml	XML File	4 KB	No	11 KB	73%	2/16/2013 3:58 PM
 ALHAIDER--31-MARC.xml	XML File	3 KB	No	11 KB	75%	2/16/2013 3:58 PM
 AVINA--54-MARC.xml	XML File	3 KB	No	11 KB	73%	2/16/2013 3:58 PM
 LIGOCKI--71-MARC.xml	XML File	4 KB	No	11 KB	71%	2/16/2013 3:58 PM
 LOPEZ--70-MARC.xml	XML File	2 KB	No	9 KB	76%	2/16/2013 3:58 PM
 MCALEXANDER--19-MARC.xml	XML File	3 KB	No	10 KB	74%	2/16/2013 3:58 PM
 PATKI--39-MARC.xml	XML File	3 KB	No	11 KB	74%	2/16/2013 3:58 PM
 SHA--36-MARC.xml	XML File	3 KB	No	11 KB	77%	2/16/2013 3:58 PM
 STEEL--40-MARC.xml	XML File	3 KB	No	9 KB	74%	2/16/2013 3:58 PM
 SUMMERS--44-MARC.xml	XML File	4 KB	No	13 KB	74%	2/16/2013 3:58 PM
 WYATT--80-MARC.xml	XML File	3 KB	No	11 KB	74%	2/16/2013 3:58 PM

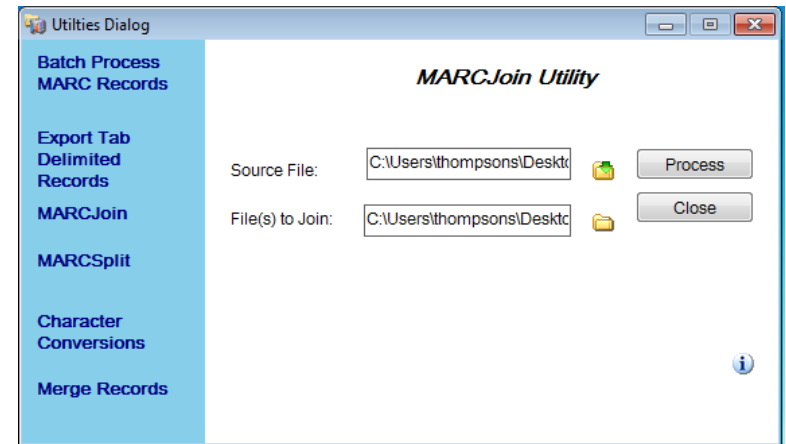
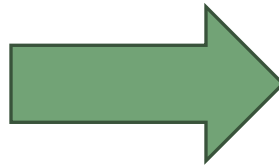
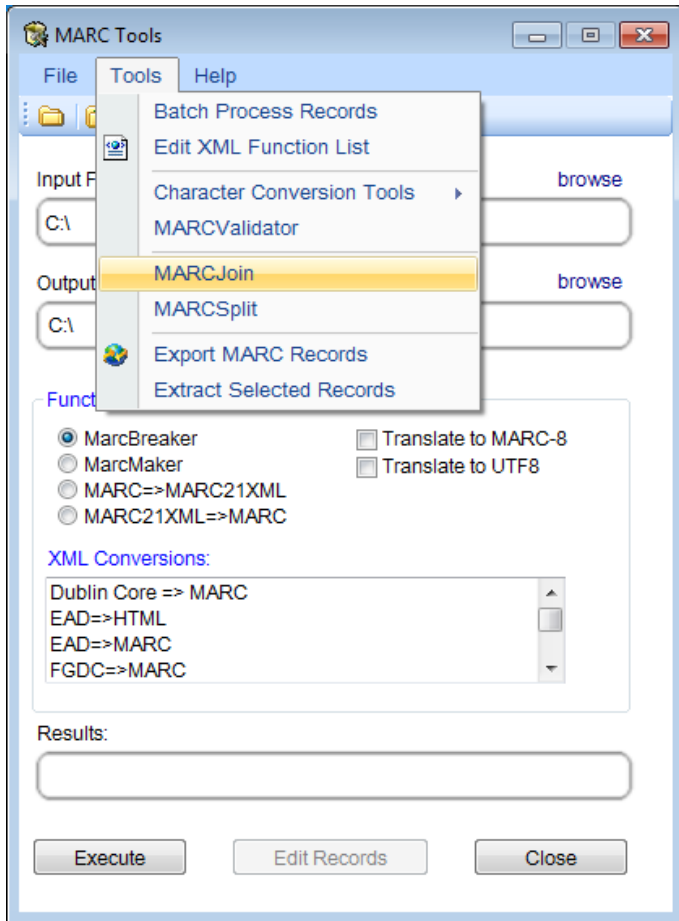
Batch Convert MARCXML to MARC Records














Converted MARC Records

 ADELMAN--47-MARC.xml	XML File	 ADELMAN--47-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 ALHAIDER--31-MARC.xml	XML File	 ALHAIDER--31-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 AVINA--54-MARC.xml	XML File	 AVINA--54-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 LIGOCKI--71-MARC.xml	XML File	 LIGOCKI--71-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 LOPEZ--70-MARC.xml	XML File	 LOPEZ--70-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 MCALEXANDER--19-MARC.xml	XML File	 MCALEXANDER--19-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 PATKI--39-MARC.xml	XML File	 PATKI--39-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 SHA--36-MARC.xml	XML File	 SHA--36-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 STEEL--40-MARC.xml	XML File	 STEEL--40-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 SUMMERS--44-MARC.xml	XML File	 SUMMERS--44-MARC.mrc	2/16/2013 4:41 PM	MARC Files
 WYATT--80-MARC.xml	XML File	 WYATT--80-MARC.mrc	2/16/2013 4:41 PM	MARC Files

Merge MARC Records Into One File



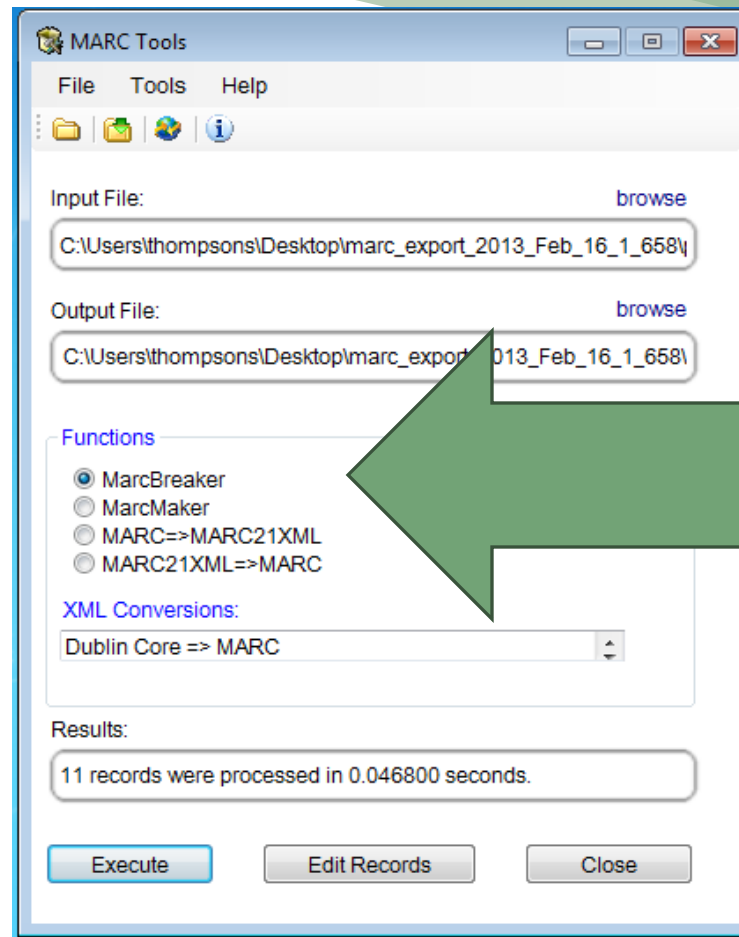
Individual Records to ONE File

 ADELMAN--47-MARC.mrc	2/16/2013 4:41 PM	MARC Files	5 KB
 ALHAIDER--31-MARC.mrc	2/16/2013 4:41 PM	MARC Files	4 KB
 AVINA--54-MARC.mrc	2/16/2013 4:41 PM	MARC Files	4 KB
 LIGOCKI--71-MARC.mrc	2/16/2013 4:41 PM	MARC Files	5 KB
 LOPEZ--70-MARC.mrc	2/16/2013 4:41 PM	MARC Files	2 KB
 MCALEXANDER--19-MARC.mrc	2/16/2013 4:41 PM	MARC Files	4 KB
 PATKI--39-MARC.mrc	2/16/2013 4:41 PM	MARC Files	4 KB
 SHA--36-MARC.mrc	2/16/2013 4:41 PM	MARC Files	5 KB
 STEEL--40-MARC.mrc	2/16/2013 4:41 PM	MARC Files	3 KB
 SUMMERS--44-MARC.mrc	2/16/2013 4:41 PM	MARC Files	6 KB
 WYATT--80-MARC.mrc	2/16/2013 4:41 PM	MARC Files	4 KB



 ETD_021613_11.mrc	2/16/2013 5:19 PM	MARC Files	43 KB
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“Break” Merged MARC File



Batch Edit the MARC Records

MarcEditor: ETD_02172013_41_cataloged.mrk

File Edit Fonts Reports Tools Plug-ins Help

...

=LDR 02343nam a2200289uu 4500
=006 m|||||o||d|||||
=007 cr|unw|||||||
=008 |||||s2012|||||||obm||000|0|eng|d
=035 ||\$aUHETD
=099 ||\$aThesis 550 2012.A33 (Electronic)
=100 1|\$aAdekunle, Adebowale Michael.
=245 10\$aSpectral decomposition techniques as hydrocarbon indicators :\$ba case study of West Waha and Worsham Bayer Field, West Texas.
=260 ||\$bUniversity of Houston,\$c2012.
=500 ||\$aDegree granted by Dept. of Earth and Atmospheric Sciences.
=502 ||\$aThesis (M.S.)--University of Houston, 2012.
=520 3|\$aThe West Waha and Worsham Bayer fields, West Texas are a gas producing province with about seventy percent of its production from the Ellenburger group. The Mis
formation and Fusselman group also produce gas. The following s
transform (CWT) were applied on the field data and they all illumin
direct hydrocarbon detection technique. The application of these t
delineation. CLSSA reveals the lateral extent of the channel bran
time without producing side lobe effects and notches as seen on t
=650 10\$aGeophysics.
=653 10\$aSpectral decomposition.
=653 10\$aTime-frequency analysis of seismic data.
=720 1|\$aCastagna, John P.,\$echair
=720 1|\$aEvgeni, Chesnokov,\$ecommittee member
=720 1|\$aWiley, Robert,\$ecommittee member
=856 40\$3Connect to this electronic thesis\$hhttp://hdl.handle.net
=910 ||\$aETD derived record
=945 21\$aUniversity of Houston.\$bDept. of Earth and Atmospher
=949 11\$lin
=949 10\$it\$mm\$n-

MarcEdit.NET Batch Editing Tools

Add/Delete Field Utility

Field: 502 Field Data:

Options:

- ☒ Match case
- ☒ Insert before
- ☐ Insert last
- ☐ Add field only if not present
- ☐ Add Field If Present
- ☐ Use Regular Expression
- ☐ Remove Duplicate Data
- ☐ Remove if field data does not match

Delete Field

Add Field

Close

[Add/Delete Field](#)

[Copy Field Data](#)

[Edit Indicators](#)

[Edit Subfield Data](#)

[Swap Fields](#)

=LDR 02633nam a2200325uu 4500
=006 m|||||o||d|||||
=007 cr|unw|||||||

Batch Import to Connexion

Import Records

File to Import:
O:\Cataloging\ETD Batch Records\ETD_110712_25_cataloged.mrc

Destination

☐ Import to Online Save File

☒ Import to Local Save File:

Bibliographic:
O:\Cataloging\Connexion\Db\Electronic Thesis.bib.db

Authority:
O:\Cataloging\Connexion\Db\DefaultAuth.auth.db

Options... Record Characteristics... OK

OCLC Connexion - [Import Results]

File Cataloging Authorities Edit Action Batch View Tools Window Help

Text Strings 1-10 User Tools

Import Results Import source: C:\Users\thompsons\Desktop\marc_export_2013_Feb_16

Report Start Time	6:00:32 PM
Bibliographic Record Standard	MARC 21
Bibliographic Character Set	MARC-8
Authority Record Standard	MARC 21
Authority Character Set	MARC-8

Successful imports (11)

Bibliographic records imported	11
Authority records imported	0

Batch Update Holdings and Export to III

OCLC Connexion - [Local Bibliographic Save File List (Annie test.bib.db)]

File Cataloging Authorities Edit Action Batch View Tools Window Help

Text Strings 1...10 User Tools

Batch Update Holding

Batch Export to III

Save #	Co	Title	Control #	Date	Call...	Date...	Held	Code	Format	Library	Wo
1	Ad	Factors that influence age of identification of childr...	820819...	2010	Thes...	11/2...	Held	TXHU	Books		In f
2	Ad	Spectral decomposition techniques as hydrocarbon...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
3	Ah	Study of frequency dependent analyses on Stratton...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
4	Al	Beliefs of principals and assistant principals regard...	NEW	2010	Thes...	2/19...		TxHU	Books		In f
5	Ba	Microphone suppression of air-noise on geophones.	NEW	2012	Thes...	2/19...		TxHU	Books		In f
6	Bar	Crystal Geyser, Utah : active travertine deposits of...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
7	Bo	Role of Rac1 in synaptic plasticity, learning and me...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
8	Bu	Developmental differences in cued attention given...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
9	Ce	Prediction of deep bright spots via Gassmann fluid...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
10	Ch	Essays on team-based incentives.	NEW	2012	Thes...	2/19...		TxHU	Books		In f
11	Ch	Resolution study on wavelets both in temporal and...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
12	Ch	Microstructure Study on Barnett Shale.	NEW	2012	Thes...	2/19...		TxHU	Books		In f
13	Cla	Essays on macroeconomic volatility and the great...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
14	Co	How African Americans make meaning of political...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
15	Cu	Comparison of the instruments that assess langua...	NEW	2010	Thes...	2/19...		TxHU	Books		In f
16	Da	Water rights and agricultural productivity : evidenc...	NEW	2012	Thes...	2/19...		TxHU	Books		In f
17	Da	...	NEW	2012	Thes...	2/19...		TxHU	Books		In f

Assign ETDs Back To DS in Vireo

THESIS AND DISSERTATION MANAGEMENT SYSTEM

sathompson3@uh.edu | Help | Logout

List View Log Settings

Alhaider, Ibrahim 1981 (Pharmacology -)

Citable URI: <http://hdl.handle.net/10657/ETD-UH-2010-05-31>

Active Document

ALHAIDER-.pdf
Download

FILE OPTIONS

View All Files
Upload New File

Submission Status

Published

Assigned To:
Santi Thompson

Last Action:
06 Feb 2013; 10:51 AM

What:
Submission Assigned

Embargo:
Journal Hold

Personal

First Name
Middle Name
Last Name
Year of Birth

ACTION LOG

Action by	Action	Time
Michele Reilly	Submission status changed to Published	06 Feb 2013; 10:51 AM
Santi Thompson	Submission assigned to Santi Thompson	13 Dec 2012; 2:38 PM
Michele Reilly	Submission assigned to Michele Reilly	12 Oct 2012; 9:50 AM
Santi Thompson	Submission assigned to Santi Thompson	12 Oct 2012; 9:50 AM
Michele Reilly	Submission assigned to Michele Reilly	27 Sep 2012; 10:55 AM
Michele Reilly	Submission assigned to Michele Reilly	27 Sep 2012; 10:55 AM
Michele Reilly	Submission assigned to Michele Reilly	27 Sep 2012; 10:54 AM
Michele Reilly	Submission assigned to Michele Reilly	07 Feb 2011; 2:27 PM
Michele Reilly	Submission assigned to Michele Reilly	07 Feb 2011; 2:27 PM
Brian Knoll	Approval date changed to 02 Sep 2010	02 Sep 2010; 2:18 PM

Update Submission [close](#) or Esc Key

Unassign

Advanced Options

Other users: **Ryan Steans**

- Laura Frishman
- Bernice Roberts
- Jack Hall
- Anne Delcours
- Michele Reilly**
- Annie Wu
- Manjit Gill
- Catrina Ballard
- Carolyn Brooks
- Irene Abercrombie
- Amanda Paul
- Trang Phan
- Mary Gould
- Halie Stout
- Sharonda Glass
- Margaret Watson
- Christen Gould
- Princess Ephriam
- Vanessa Lockett
- Unassign

Cancel **Submit**

Add Comment

Batch Process Instructions and Training



- * Step by step instructions for the process
- * Step by step training with a copy cataloger
- * Quality control – review of the batch editing work at early stage

Advantages of the Batch Process

- * Batch exporting, conversion and editing of ETDs greatly improve the efficiency of the workflow
- * Streamline the process between MBS and DS



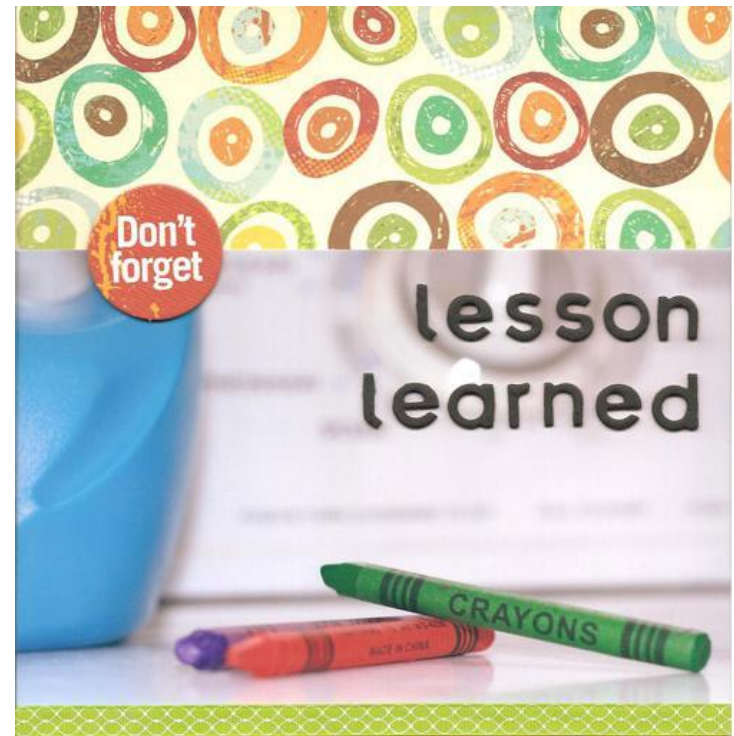
Challenges

- * Editing of ETDs – quality control
- * Batch editing can lead to errors to multiple records
- * File naming – need to be consistent



Lessons Learned

- * High quality local metadata in Vireo/ETD can greatly reduce the work in batch process
- * Good work at the front helps the work at the back (good specifications or guidelines on ETD submission form help!)



Collaboration and Communication

- * Workflow involved DS and MBS
- * Good policies established between two departments
 - * Numbers of ETD in a batch
 - * Not mingle new and processed ETDs
 - * Communication between two Depts on the status of process



Recommendations for Vireo

- * Search function at Vireo staff side can be improved – allow advanced search function
- * Export function allows individual record to be exported





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