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MarcEdit - makes the life easier

Shoeb, Md. Zahid Hossain

Library, Independent University, Bangladesh

<https://ar.iub.edu.bd/handle/11348/274>

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MarcEdit – makes the life easier

Md. Zahid Hossain Shoeb
Deputy Librarian
Independent University, Bangladesh

Training programme on Marc 21
Bangladesh Association of Librarians, Information Scientists and Documentalists

Friday, 05 July, 2013, Dhaka

Presentation Objectives

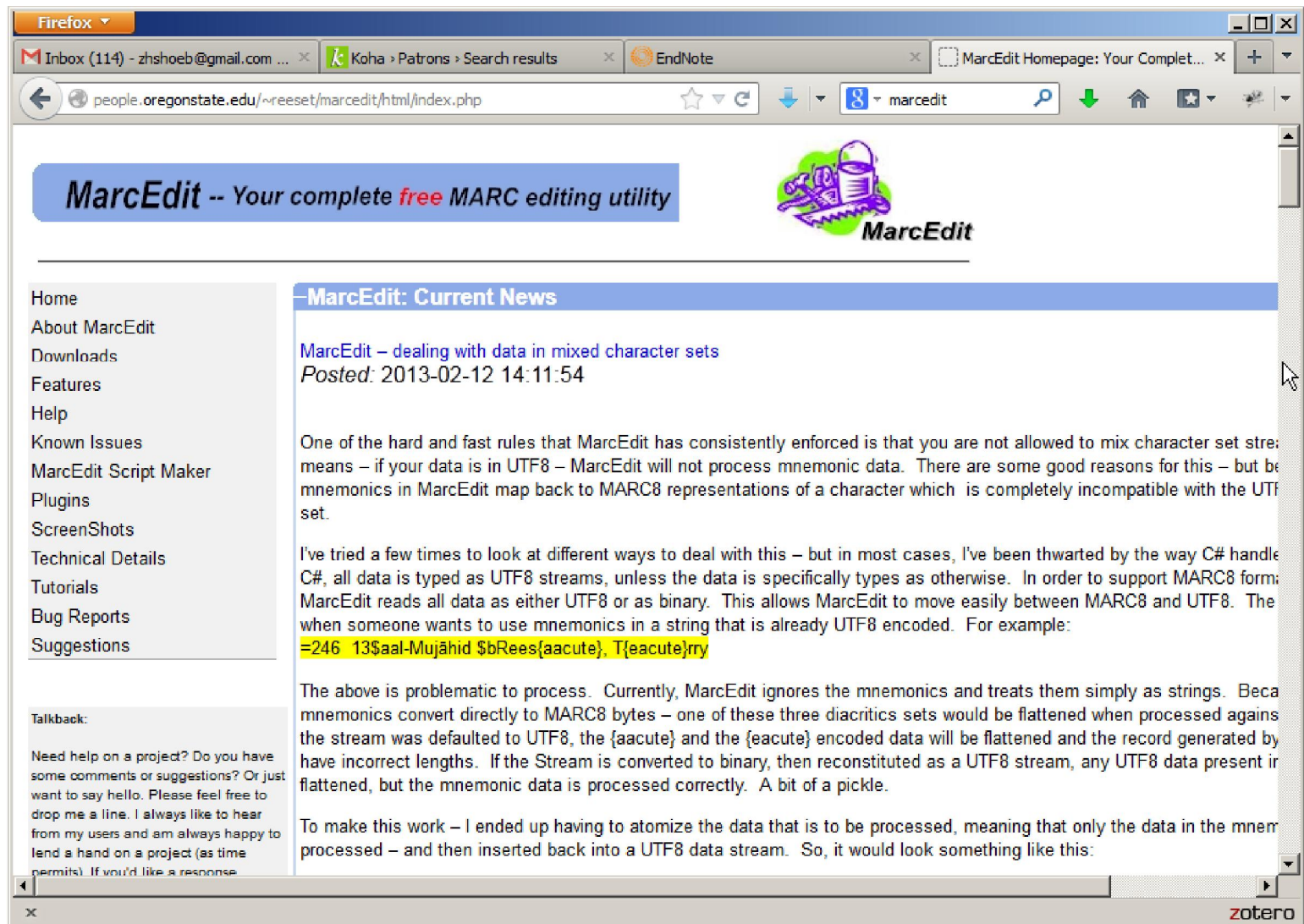
- Overview of MarcEdit's functionality
- Demonstration of selected features
- Editing MARC records
 - Individually
 - As a batch
- Creating MARC records from Excel spreadsheet

What is MarcEdit

- MarcEdit is a FREE program that allows you to:
 - Preview and edit MARC records outside ILS
 - Create spreadsheets of fields from MARC records
 - Crosswalk records (from MARCXML to MARC or other metadata schemes), record harvester
 - Create/Edit MARC records from spreadsheet data, SQL, RDA data etc
 - ...and many more...

Created by Terry Reese, Gray Chair for Innovative Library Services, Oregon State University

<http://people.oregonstate.edu/~reese/marcedit/html/index.php>



The screenshot shows a Firefox browser window with the address bar displaying `people.oregonstate.edu/~reese/marcedit/html/index.php`. The browser's tab bar shows several open tabs: "Inbox (114) - zhshoeb@gmail.com ...", "Koha > Patrons > Search results", "EndNote", and "MarcEdit Homepage: Your Complet...". The website's header features the title "MarcEdit -- Your complete **free** MARC editing utility" in a blue box, accompanied by a logo of a green bucket and a purple wrench. A left-hand navigation menu lists links: Home, About MarcEdit, Downloads, Features, Help, Known Issues, MarcEdit Script Maker, Plugins, ScreenShots, Technical Details, Tutorials, Bug Reports, and Suggestions. The main content area is titled "MarcEdit: Current News" and contains an article titled "MarcEdit – dealing with data in mixed character sets" posted on 2013-02-12 14:11:54. The article discusses the challenges of mixing character sets (UTF8 and MARC8) and provides an example of a problematic MARC record snippet: `=246 13$aal-Mujāhid $bRees{aacute}, T{eacute}ry`. The text explains that MarcEdit currently ignores mnemonics and treats them as strings, which can lead to flattened data when converted to binary and back to UTF8. The article concludes by stating that the author ended up having to atomize the data to be processed correctly.

Firefox

Inbox (114) - zhshoeb@gmail.com ... x Koha > Patrons > Search results x EndNote x MarcEdit Homepage: Your Complet... x

people.oregonstate.edu/~reese/marcedit/html/index.php

marcedit

MarcEdit -- Your complete **free** MARC editing utility



MarcEdit

MarcEdit: Current News

MarcEdit – dealing with data in mixed character sets

Posted: 2013-02-12 14:11:54

One of the hard and fast rules that MarcEdit has consistently enforced is that you are not allowed to mix character set streams – if your data is in UTF8 – MarcEdit will not process mnemonic data. There are some good reasons for this – but be aware that mnemonics in MarcEdit map back to MARC8 representations of a character which is completely incompatible with the UTF8 set.

I've tried a few times to look at different ways to deal with this – but in most cases, I've been thwarted by the way C# handles UTF8, all data is typed as UTF8 streams, unless the data is specifically typed as otherwise. In order to support MARC8 format, MarcEdit reads all data as either UTF8 or as binary. This allows MarcEdit to move easily between MARC8 and UTF8. The problem is when someone wants to use mnemonics in a string that is already UTF8 encoded. For example:

```
=246 13$aal-Mujāhid $bRees{aacute}, T{eacute}ry
```

The above is problematic to process. Currently, MarcEdit ignores the mnemonics and treats them simply as strings. Because mnemonics convert directly to MARC8 bytes – one of these three diacritics sets would be flattened when processed against the stream was defaulted to UTF8, the {aacute} and the {eacute} encoded data will be flattened and the record generated by MarcEdit will have incorrect lengths. If the Stream is converted to binary, then reconstituted as a UTF8 stream, any UTF8 data present in the stream will be flattened, but the mnemonic data is processed correctly. A bit of a pickle.

To make this work – I ended up having to atomize the data that is to be processed, meaning that only the data in the mnemonic is processed – and then inserted back into a UTF8 data stream. So, it would look something like this:

Talkback:

Need help on a project? Do you have some comments or suggestions? Or just want to say hello. Please feel free to drop me a line. I always like to hear from my users and am always happy to lend a hand on a project (as time permits). If you'd like a response

zotero

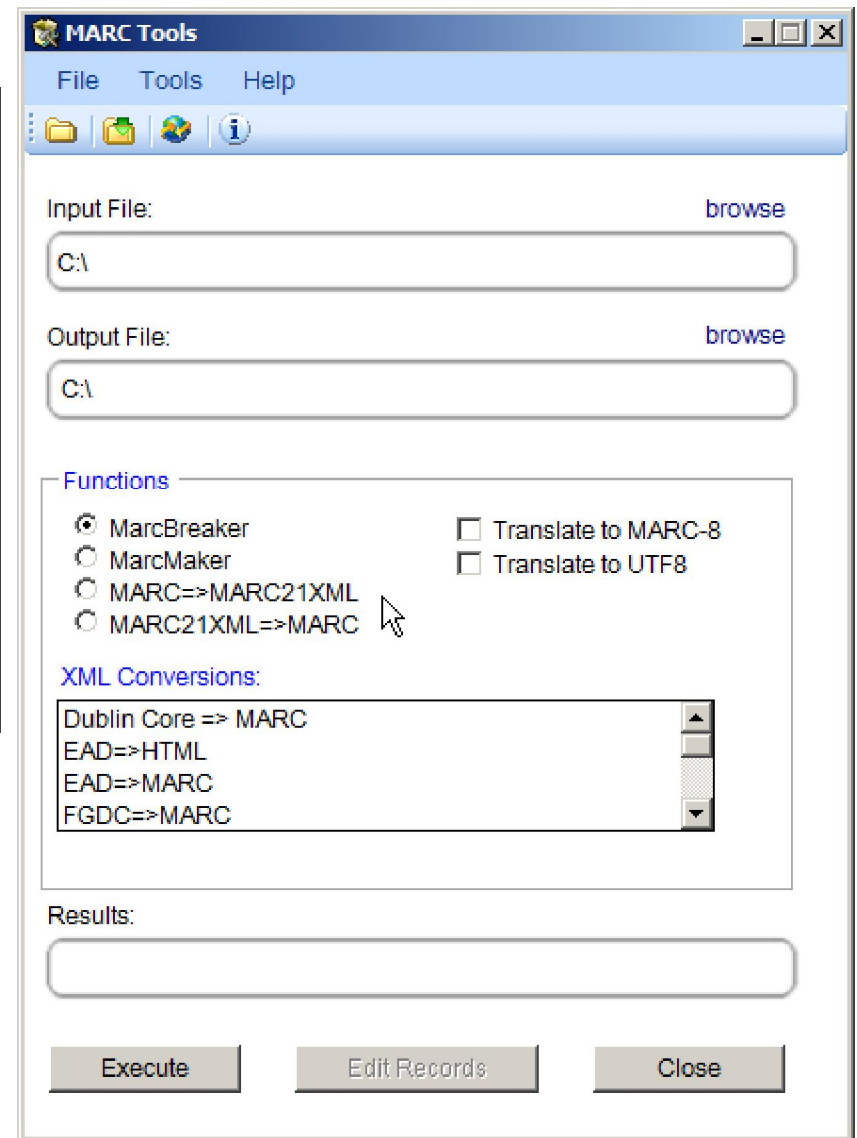
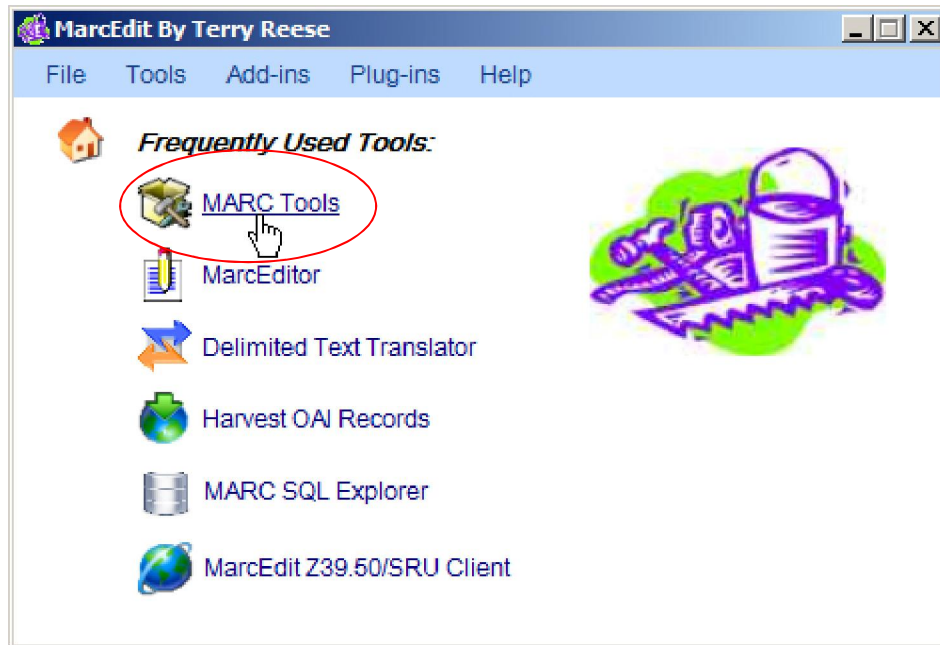
Why MarcEdit

- MarcEdit is the best choice as:
 - Allow staffs to work easily in current environment (record loads, different metadata schemes and many more) to know possible options
 - Origin: Program conceived in 2000 by Terry Reese, Oregon State University
 - Updates pushed out regularly to enhance and for bug fixes
 - Lots of help- MarcEdit homepage, You Tube videos, Conference presentations, Terry Reese workshops, MarcEdit software help, What's New in MarcEdit blog and RSS feed on MarcEdit StartPage, MarcEdit-L

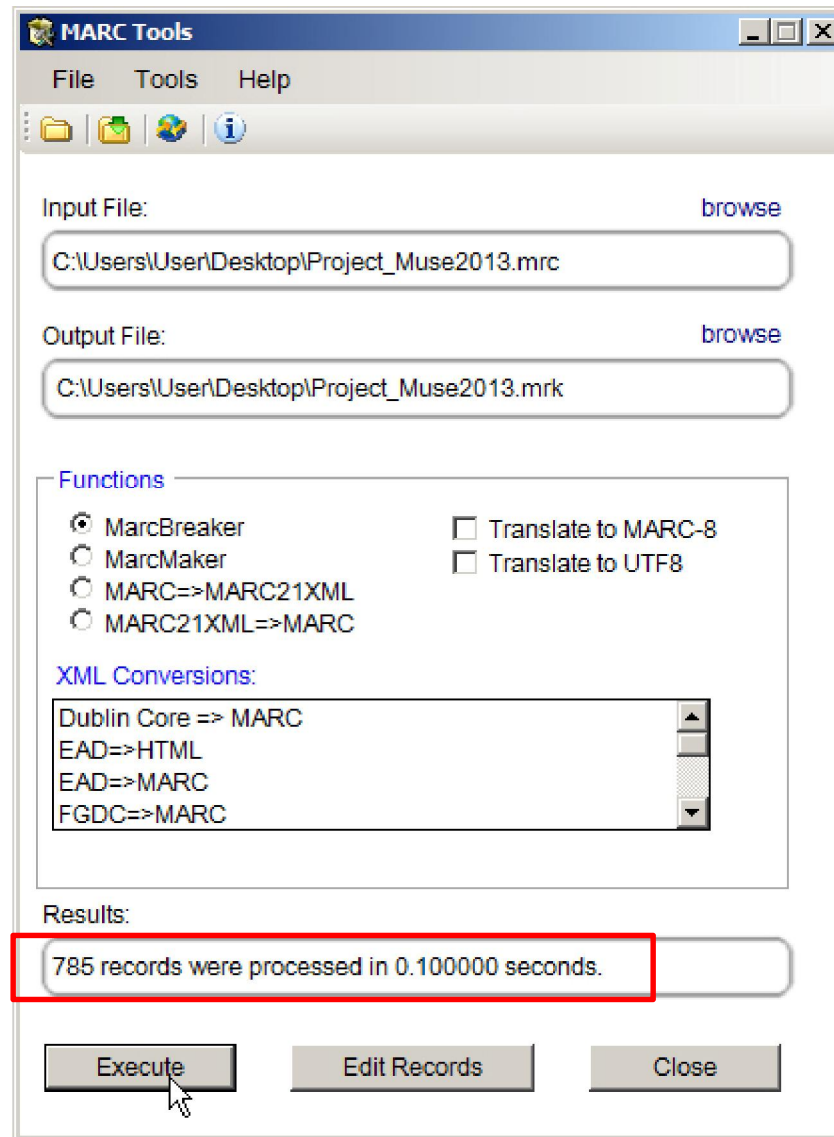
MarcEdit and file formats

- Start with a MARC file, usually .mrc
- Call up MarcBreaker to create editable, “mnemonic” file, .mrk
- Use MarcEditor to edit the .mrk file
- Use MarcMaker to change back to MARC file, .mrc
- Delimited Text Translator can convert .txt, .xls, .xlsx, or .mdb into .mrk

Start MarcBreaker



MarcBreaker is fast

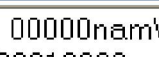


.mrk rules: not that hard!

- Blank line between records
- = at beginning of each field, then field tag
- 2 spaces before indicators
- Blank indicator is backslash \
- \$ is subfield delimiter. Must include \$a
- No space between delimiter and subfield contents
- # at beginning of line makes it a comment, won't be included in MARC record



File Edit Fonts Reports Tools Plug-ins Help



LDR 00000nam\22000000\4500

=001 00012992

=005 20111205115722.0

=008 111115s2008\\i\abf\\b\\001\0\eng\\

=020 \\\$a0199277273

=020 \\\$a0199258090 (pbk.)

=020 \\\$a9780199204470 (pbk.)

=040 \\\$aDLC\$cBD-DhlUB

=050 00\$aHD62.4\$b.T388 2008

=082 00\$a658.3\$222

=100 1\\\$aTayeb, Monir H.

=245 10\$aInternational human resource management :\$ba multinational i

=260 \\\$aNew Delhi :\$bOxford University Press,\$c2008.

=300 \\\$a[xv], 242 p. :\$bill. :\$c25 cm.

=504 \\\$aIncludes bibliographical references and index.

=650 \0\$aInternational business enterprises\$xPersonnel management.

=650 \0\$aOrganizational behavior.

=650 \0\$aInternational business enterprises\$xPersonnel management\$v

=650 \0\$aOrganizational behavior\$vCase studies.

=856 42\$3Publisher description\$uhttp://www.loc.gov/catdir/enhancement/

=856 41\$3Table of contents only\$uhttp://www.loc.gov/catdir/enhancement/

=856 42\$3Contributor biographical information\$uhttp://www.loc.gov/catdir/

=LDR 00000nam\22000000\4500

=001 00012993

=005 20111205115722.0

=008 111115s2007\\i\abf\\b\\001\0\eng\\

To edit, just type

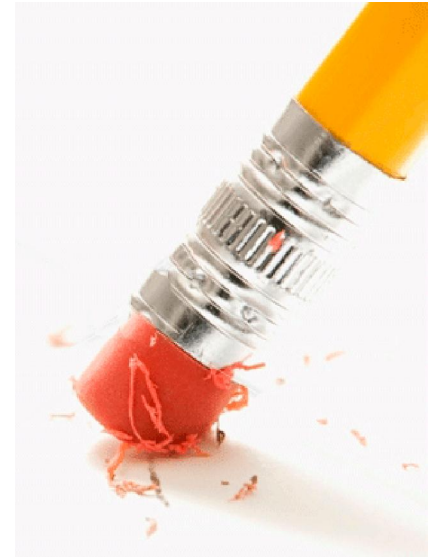
I added a 520 summary by typing in the 520 tag, then copying and pasting a blurb from Amazon.com.

```
MarcEditor: D110610.OVERDR1.mrk
File Edit Fonts Reports Tools Plug-ins Help
= LDR 01349nam 2200385la 4500
= 001 ocn704905998
= 003 OCoLC
= 005 20110607121528.0
= 006 m\|||||d\|||||
= 007 cr\cnu---unuuu
= 008 110303s2011\|||nyu\|||o\|||000\1\eng\l
= 040 \\\aTEFOD$cTEFOD$dMMMCP
= 020 \\\a9780307784520 (electronic bk.)
= 020 \\\a0307784525 (electronic bk.)
= 035 \\\a(OCoLC)704905998
= 043 \\\an-us-md
= 050 \4$aPS3570.Y45$bD5 2011eb
= 082 04$a813/.54$b222
= 049 \\\aMMMA
= 100 1\|aTyler, Anne.
= 245 10$aDinner at the Homesick Restaurant$h[electronic resource] /$cAnne Tyler.
= 260 \\\aNew York :$bBallantine Books,$c[2011]
= 300 \\\a1 online resource (269 p.)
= 500 \\\aIncludes a reader's guide.
= 520 \\\aIncludes an excerpt from The amateur marriage by Anne Tyler.
= 520 \\\aPearl Tull is nearing the end of her life but not her memory. It was a Sunday night in 1944 v
Street, abandoning Pearl to raise their three children alone: Jenny, high-spirited and determined, nurtu
Cody, a wild and incorrigible youth possessed by the lure of power and money; and sweet and clums
family that could never be his own. Now grown, they have gathered together again-with anger, with hc
= 650 \0$aMothers and sons$vFiction.
= 650 \0$aMothers and daughters$vFiction.
= 650 \0$aParent and adult child$vFiction.
= 650 \0$aFamilies$vFiction.
= 651 \0$aBaltimore (Md.)$vFiction.
= 655 \0$aDomestic fiction.
= 655 \0$aElectronic books.
= 655 \7$aDomestic fiction.$2lcsh
= 856 40$uhttp://www.mymediamall.net/ContentDetails.htm?ID=CC909B0F-20B7-4F2D-94DD-7CCBE
Click here for information
= 994 \\\aC0$bMMMCP

= LDR 02334nam 2200349Ka 4500
= 001 ocn668228113
= 003 OCoLC
= 005 20110607121529.0
```

Edit Features, Basic

- **Find** (Ctrl-F)
 - Simple find (in page)
 - Find All
 - **Replace** (Ctrl-R)
 - One at a time or replace all (if you're feeling lucky!)
 - Remember: Special Undo is your friend
 - Can use regular expressions (advanced
- “Find and Replace” is available under the “Edit” also



Find All: Viewing 856

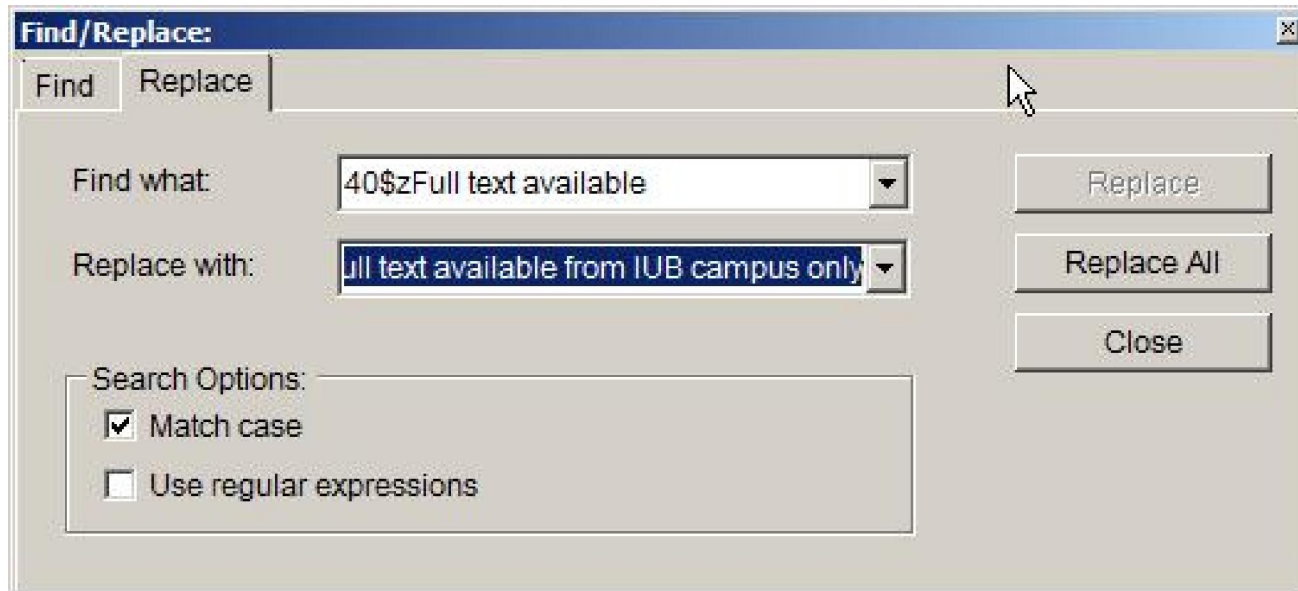
Find All Results

40\$zFull text available was found 785 times.

Found Text	Action
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780823250325/	Jump to Record #: 1
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780271060927/	Jump to Record #: 2
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780812207880/	Jump to Record #: 3
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9781937378271/	Jump to Record #: 4
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780823251612/	Jump to Record #: 5
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780472029044/	Jump to Record #: 6
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780813141558/	Jump to Record #: 7
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9789987082070/	Jump to Record #: 8
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9789956728145/	Jump to Record #: 9
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9789991687094/	Jump to Record #: 10
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9789987082117/	Jump to Record #: 11
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780821444405/	Jump to Record #: 12
=856 40\$zFull text available: \$uhttp://muse.jhu.edu/books/9780810166134/	Jump to Record #: 13

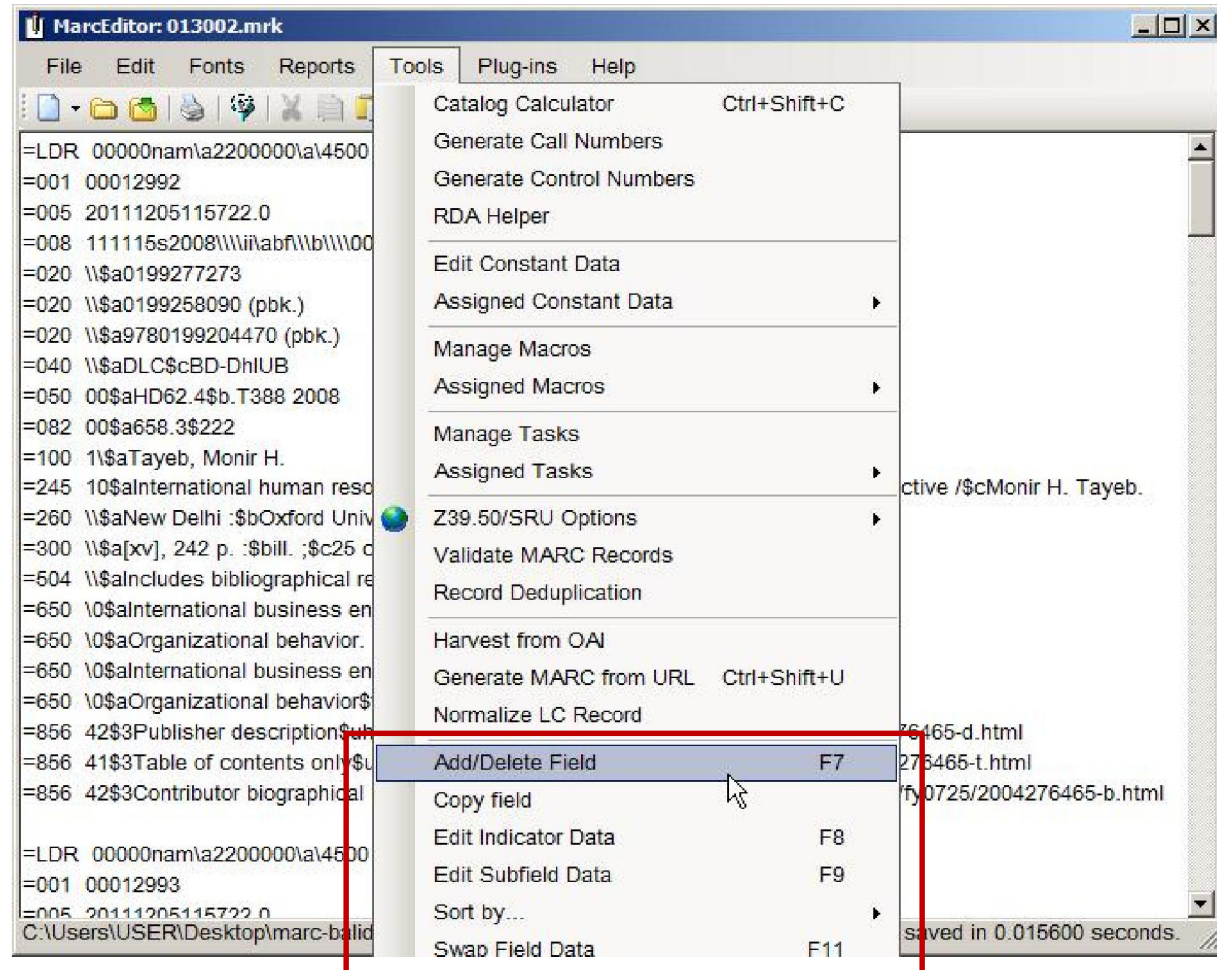
Jump to Page Edit Find Query Close

Replace All: Editing 856



Edit Features (*Under Tools -->*)

- Add/Delete field
- Copy Field Data
- Edit Indicators
- Edit Subfield Data
- Swap Fields



Add/Delete field: Removing 043

Many paths up the Mountain: Could have also used Replace.



The screenshot shows the 'Add/Delete Field Utility' dialog box within the 'MarcEdit.NET Batch Editing Tools' application. The dialog has a blue sidebar on the left with five menu items: 'Add/Delete Field' (selected), 'Copy Field Data', 'Edit Indicators', 'Edit Subfield Data', and 'Swap Fields'. The main area is titled 'Add/Delete Field Utility' and contains the following elements:

- Field:** A dropdown menu showing '043'.
- Field Data:** A text input field containing 'e-it--'.
- Options:** A list of checkboxes:
 - ☒ 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
- Buttons:** Three buttons on the right: 'Delete Field' (highlighted with a dotted border), 'Add Field', and 'Close'.

Swap Fields: Moving 856 to 505

The screenshot shows a software window titled "MarcEdit.NET Batch Editing Tools" with a sub-title "Swap Field Utility". On the left is a blue sidebar with five links: "Add/Delete Field", "Copy Field Data", "Edit Indicators", "Edit Subfield Data", and "Swap Fields". The main area contains two sections: "Original Data:" and "Modified Data:". Each section has four input fields: "Field" (a dropdown menu), "Indicators" (a text box), "Subfields" (a text box), and "Find:" (a text box). In the "Original Data:" section, the values are Field: 856, Indicators: 40, Subfields: \$u, and Find: se.jhu.edu/books/9780823250325/. In the "Modified Data:" section, the values are Field: 505, Indicators: \\", Subfields: \$u, and Find: (empty). Below these sections is a "Search Options" box with four checkboxes: "Copy Source" (unchecked), "Add to existing field" (unchecked), "Add to existing/create new" (unchecked), and "Sort Modified Field" (checked). At the bottom right are two buttons: "Process" and "Close".

MarcEdit.NET Batch Editing Tools

Swap Field Utility

Original Data:

Field	Indicators	Subfields	Find:
856	40	\$u	se.jhu.edu/books/9780823250325/

Modified Data:

Field	Indicators	Subfields	Find:
505	\\	\$u	

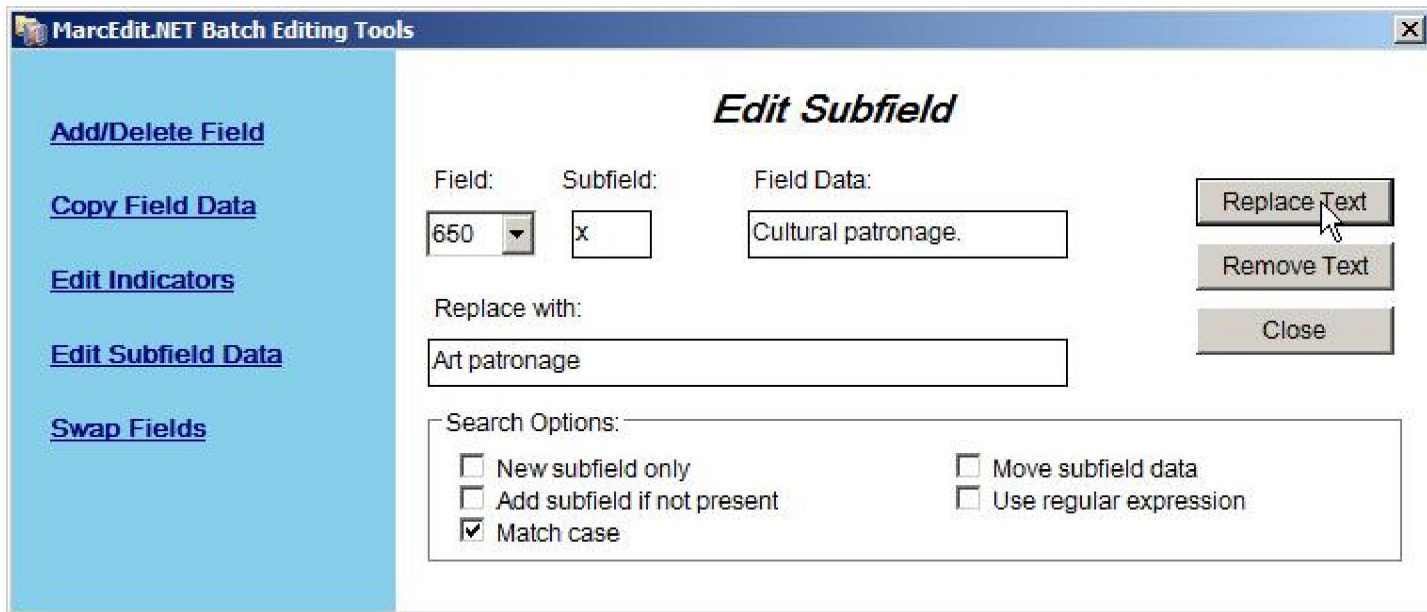
Search Options

☐ Copy Source	☐ Add to existing/create new
☐ Add to existing field	☒ Sort Modified Field

Process **Close**

Edit Subfield: Deleting invalid one

Cultural ptronage not used correctly, use Art patronage instead of Cultural patronage.



The screenshot shows the 'Edit Subfield' dialog box within the 'MarcEdit.NET Batch Editing Tools' application. The dialog has a blue sidebar on the left with the following links: [Add/Delete Field](#), [Copy Field Data](#), [Edit Indicators](#), [Edit Subfield Data](#), and [Swap Fields](#). The main area is titled 'Edit Subfield' and contains the following fields and controls:

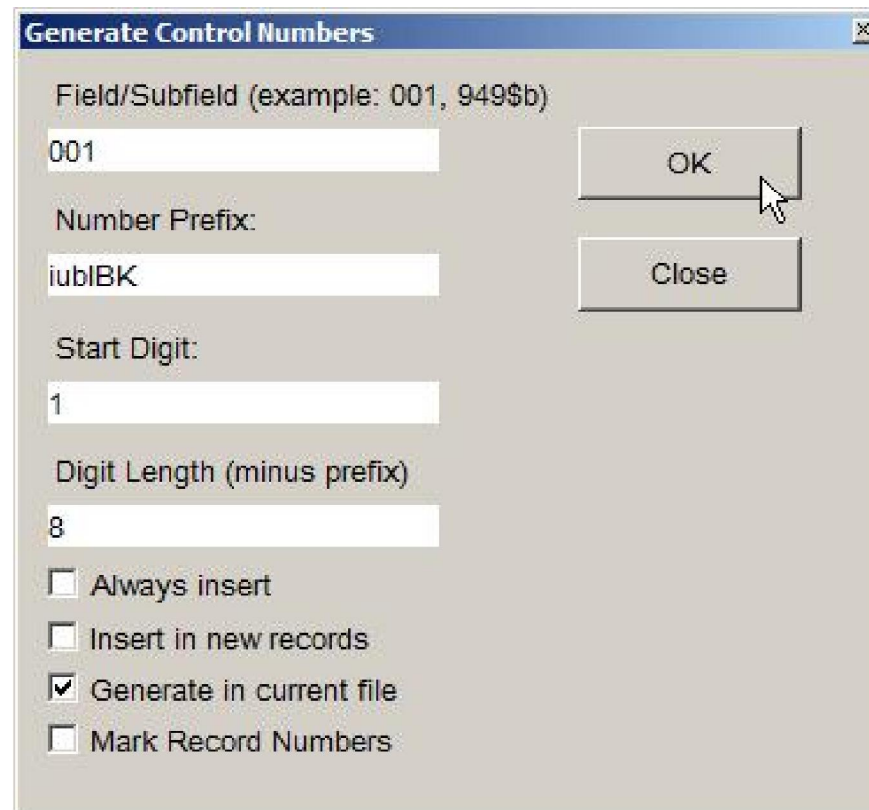
- Field:** A dropdown menu showing '650'.
- Subfield:** A text box containing 'x'.
- Field Data:** A text box containing 'Cultural patronage.'.
- Replace with:** A text box containing 'Art patronage'.
- Buttons:** 'Replace Text', 'Remove Text', and 'Close'.
- Search Options:** A group box containing three checkboxes:
 - ☐ New subfield only
 - ☐ Add subfield if not present
 - ☒ Match case
 - ☐ Move subfield data
 - ☐ Use regular expression

Other features

- Change Case (HELPFUL FOR UPPERCASE):
 - *Edit → Edit Shortcuts → Change Case*
- Find Missing Field
 - *Edit → Edit Shortcuts → Field Edits → Find Records Missing Field*
- Record Deduplication
 - *Tools → Record Deduplication*
- Manage Tasks
 - *Tools → Manage Tasks*
 - Handy if you have repeated loads with consistent changes

Generating Record Identifiers

- Generate Control Numbers (such as 001)
 - *Tools → Generate Control Numbers*



The screenshot shows a dialog box titled "Generate Control Numbers". It contains several input fields and checkboxes. The "Field/Subfield" field is set to "001". The "Number Prefix" field is set to "iublBK". The "Start Digit" field is set to "1". The "Digit Length (minus prefix)" field is set to "8". There are four checkboxes: "Always insert" (unchecked), "Insert in new records" (unchecked), "Generate in current file" (checked), and "Mark Record Numbers" (unchecked). The "OK" button is highlighted with a mouse cursor, and the "Close" button is also visible.

Generate Control Numbers

Field/Subfield (example: 001, 949\$b)
001

Number Prefix:
iublBK

Start Digit:
1

Digit Length (minus prefix)
8

☐ Always insert
☐ Insert in new records
☒ Generate in current file
☐ Mark Record Numbers

OK
Close

Generating Call Numbers

Tools →

Generate

Call Numbers

Generate Classification

This service makes use of OCLC's Classify Web Service. Classification recommendations are generated by sending OCLC a control number from the record. OCLC's webservice will return back to MarcEdit either the Dewey Decimal or LC classification most often associated with this record.

[About OCLC's Classify Service](#)

Insertion Instructions:

- ☐ Add to Selected Record
- ☒ Add To All Records

Classification:

- ☐ Dewey Decimal
- ☒ Library of Congress

Options:

- ☒ Calculate cutters and dates
- ☐ Append Flag to Date
- ☐ Append Date Exceptions
 - ☐ Omit date for serials
 - ☐ Omit date for integrated resources
- ☒ Use subfield z for matching

Insert if fields () are not present.
example: 050;060;090;092

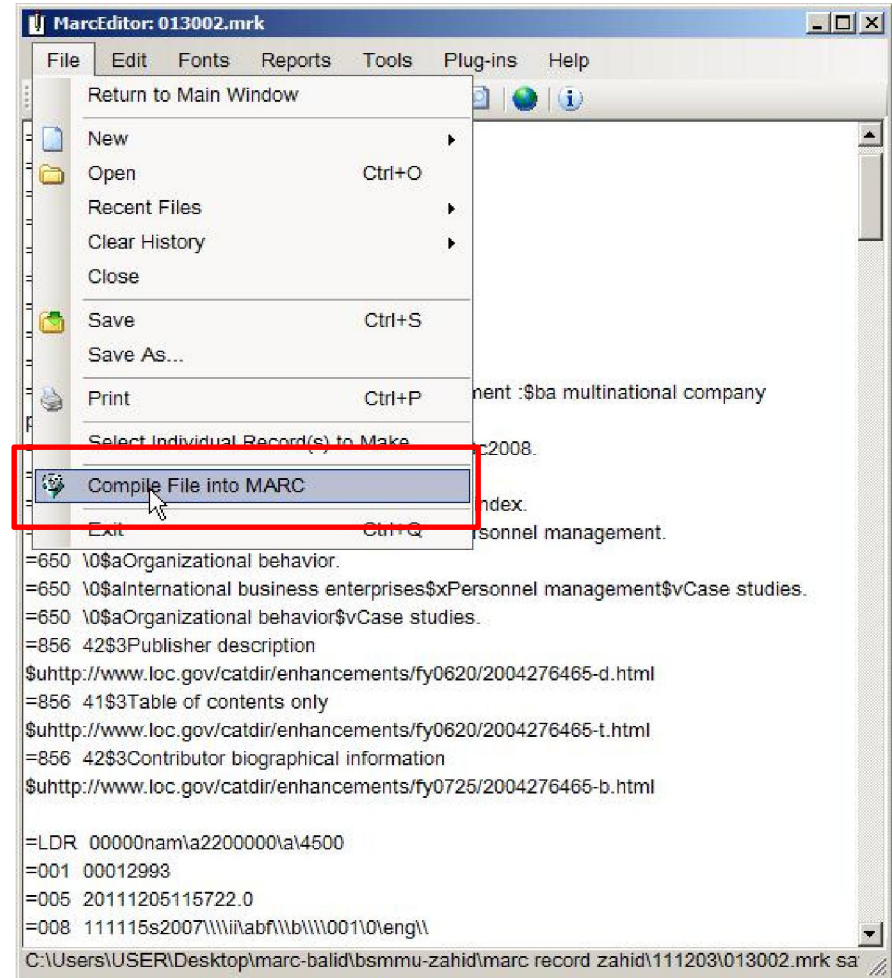
Insert found classification in () field.

MarcEdit.NET

Call numbers found and inserted: 95

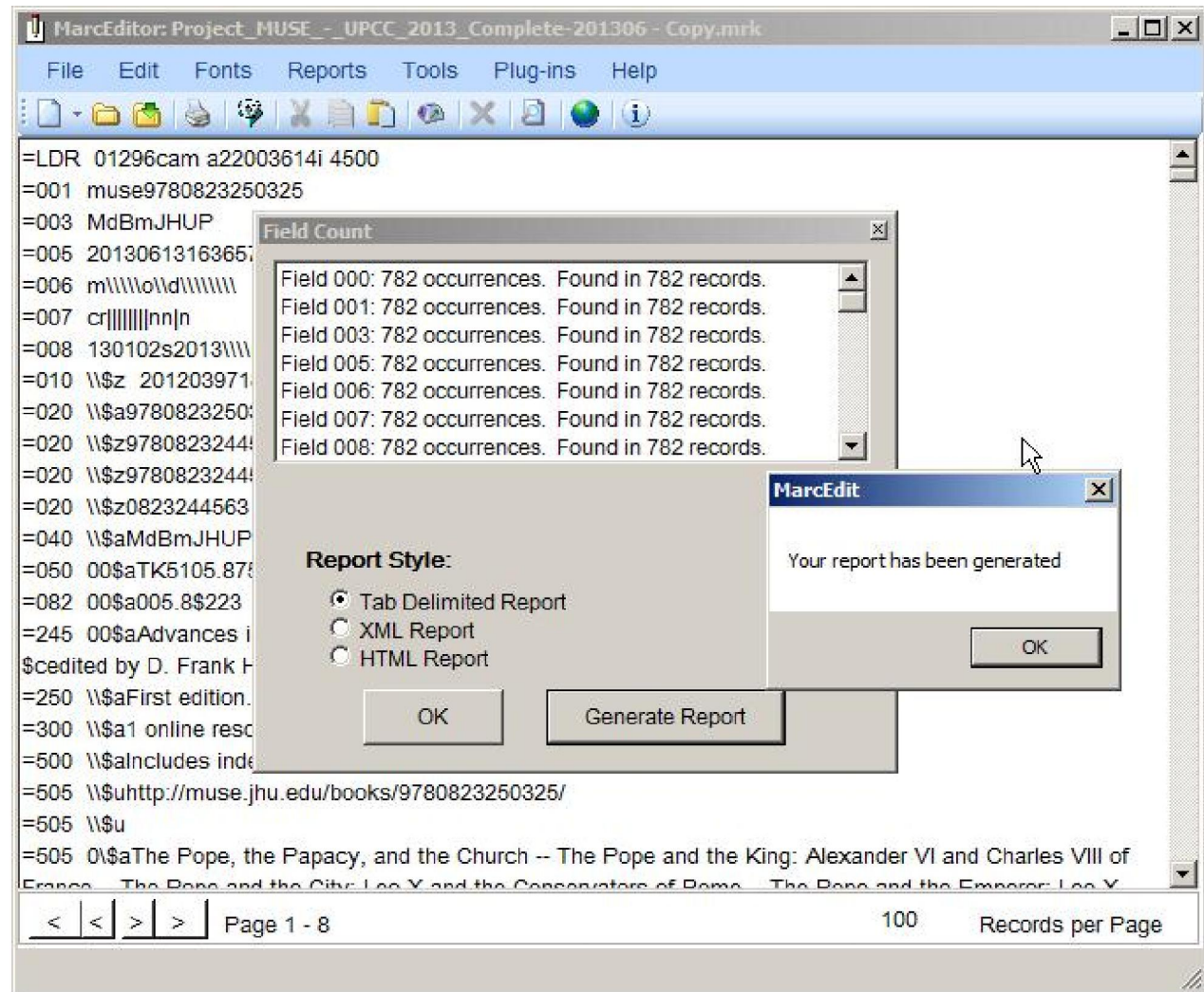
When you're done with the File

- Compile back into MARC
 - *File → Compile File into MARC*
 - Better to keep track of all the steps you have done, especially if this will be a periodic load
 - Recommend not to save under original filename, but create an edited one



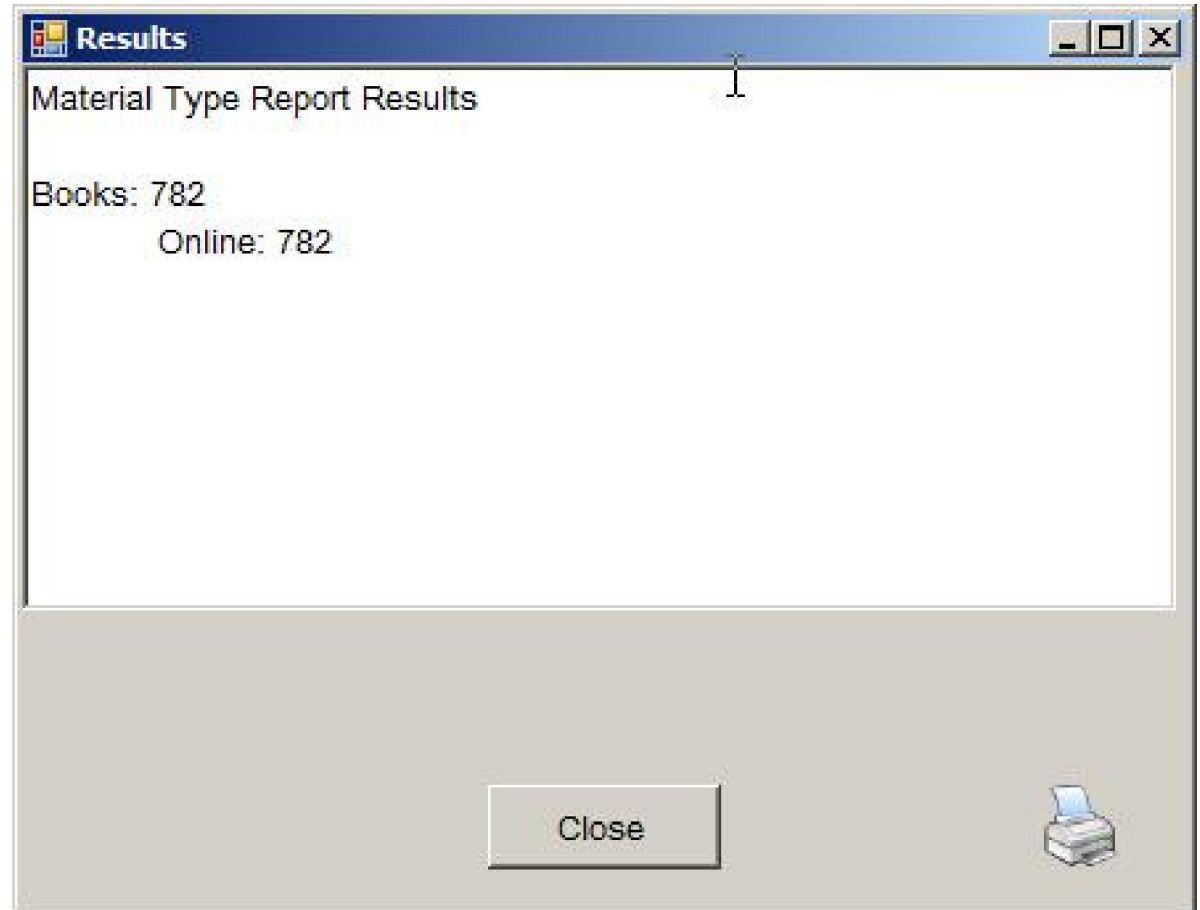
Reports in MarcEditor

- Field Count Report
- *Reports-->Field Count*
- Shows # of records
- Can export data



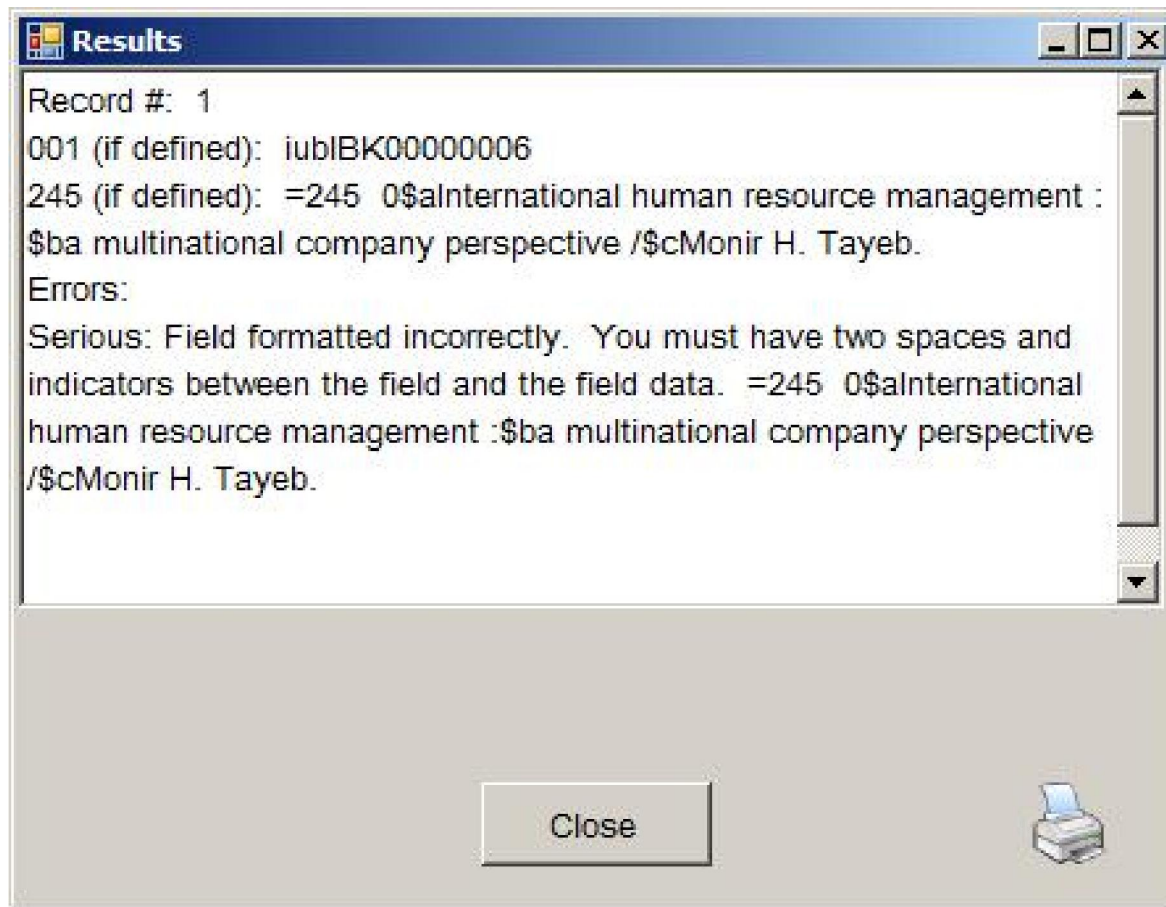
Reports in MarcEditor

- Material Type Report
- From the 008



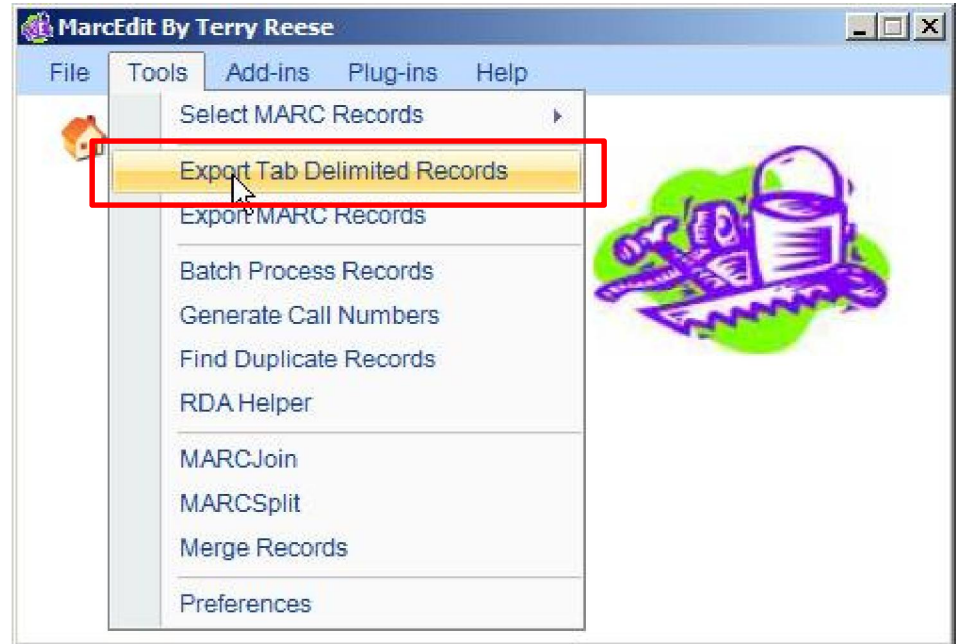
Reports in MarcEditor

- MARCValidator Report (For advanced users: can edit the validation file in marcrules.txt)



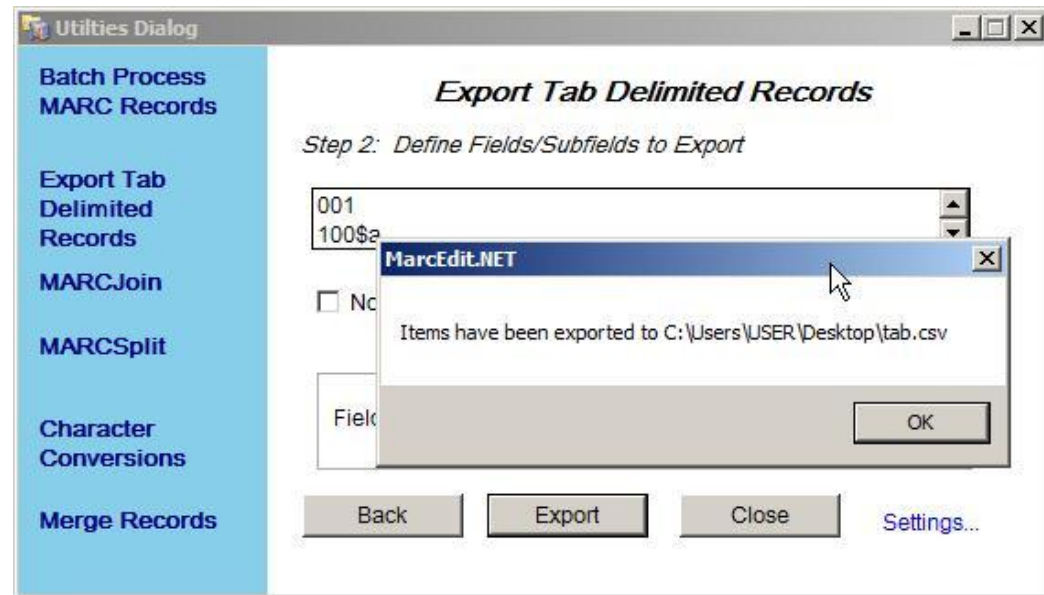
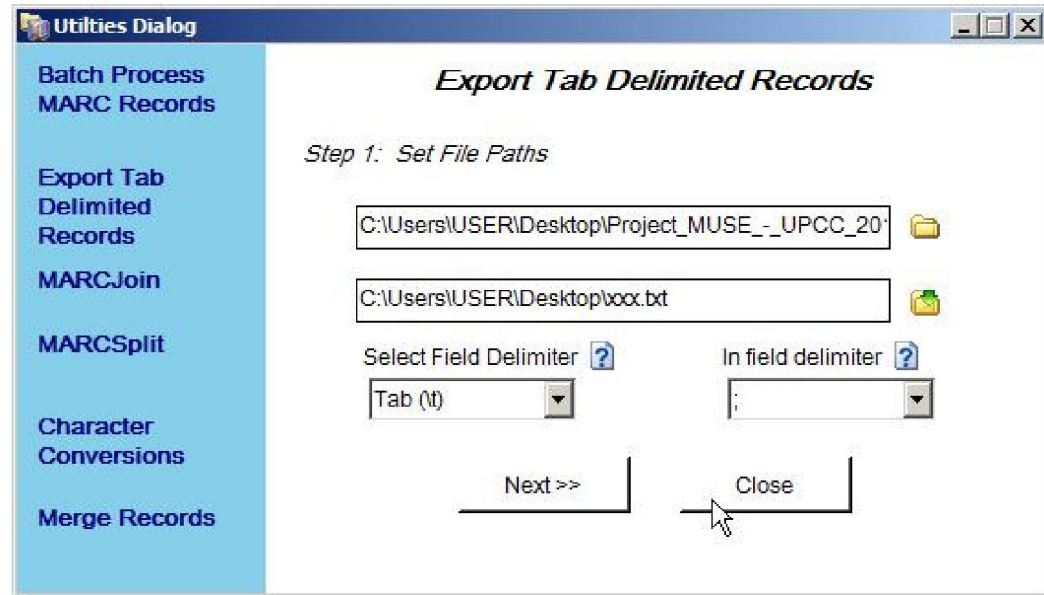
Tab delimited file example

- From the StartPage–
- *Tools → Export Tab Delimited Records*
- Select File Paths
 - Select MARC or MARK file in first box
 - Name your text file in next box
- Select field delimiter (this is what will separate each field: will usually select comma)
- Select in field delimiter: Defaults to semicolon

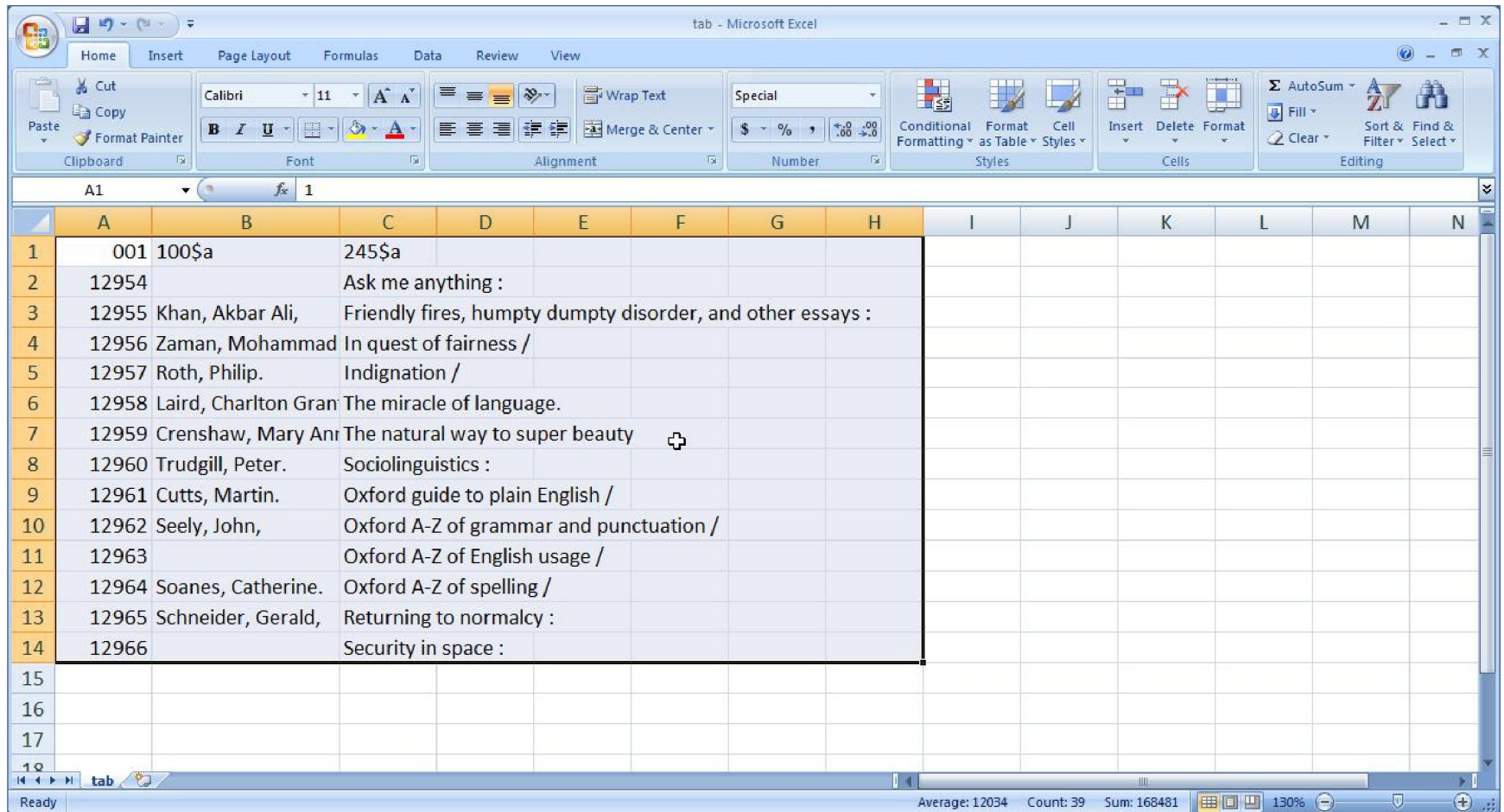


Tab delimited file, cont.

- Select field and click add
 - Preferable to select subfield
- Can delete field from list
- Click “Export” when finished

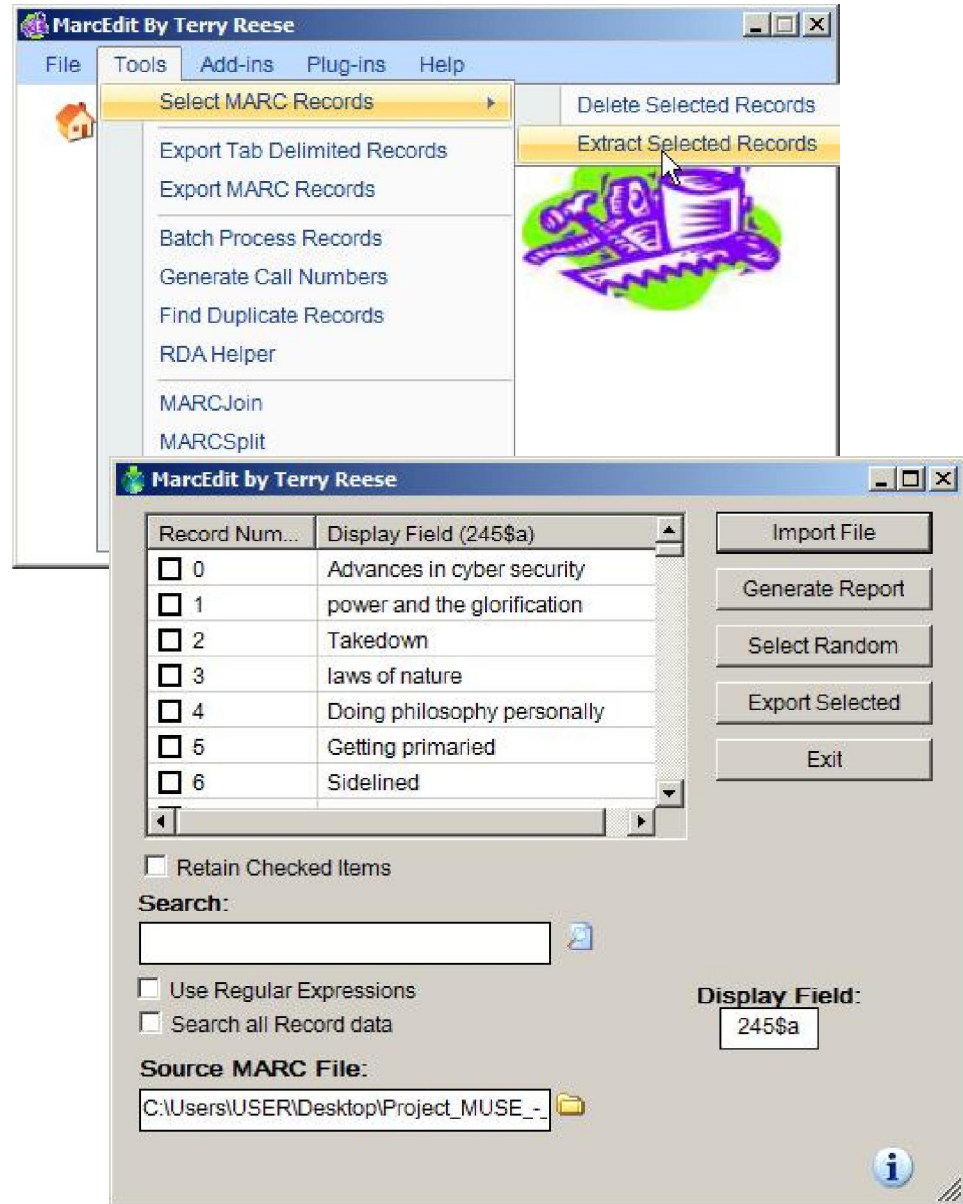


Viewing in a Spreadsheet



Extract records to edit from a MARC file

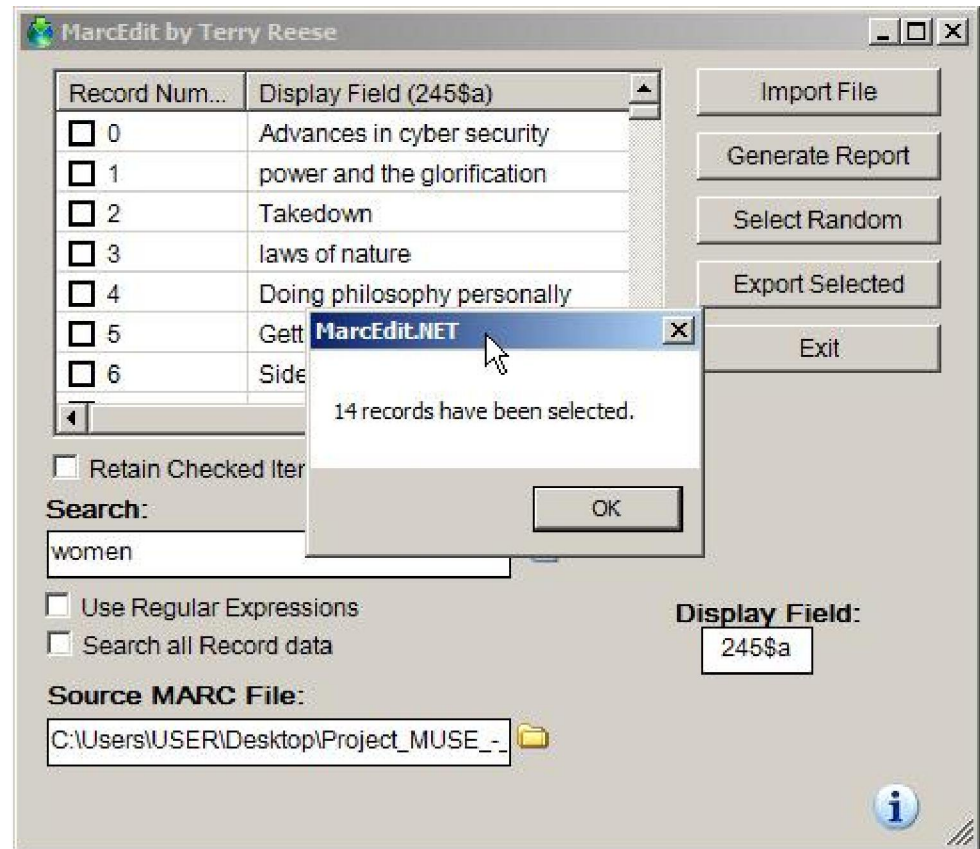
- If you don't want to wade through an entire MARC file to find the records you want to edit, you can isolate them into their own .mrk file.
- From the StartPage,
- click on "Tools," "Select MARC Records,"
- and "Extract Selected Records."
- In the next window, find your MARC file by clicking on the folder next to the "Source MARC File:" box. Then click on "Import File." The titles from each record will display.



Extract records to edit from a MARC file.

You can choose individual records by clicking on their check boxes, or you can do a keyword search.

- After you click on “OK,” click on “Export Selected.”
- Then decide whether you want the records that you extracted to be deleted from the original MARC file or not.
- Save the extracted records in or as a .mrk file.
- Then click “Exit” to close the record extraction window.



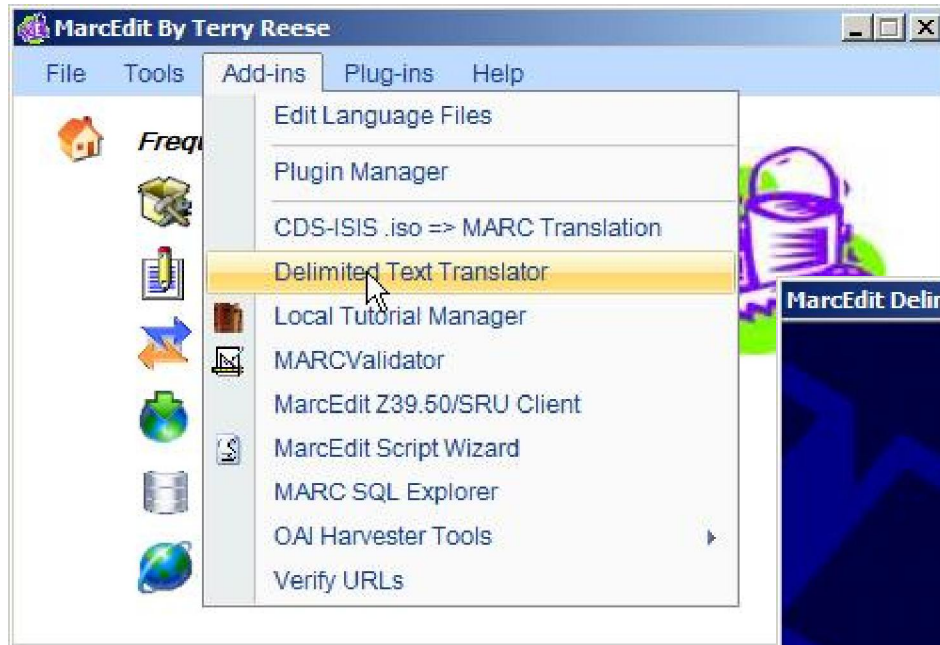
Creating MARC from a spreadsheet

IEEE-Journals-title-list-2011--confirmed [Compatibility Mode] - Microsoft Excel

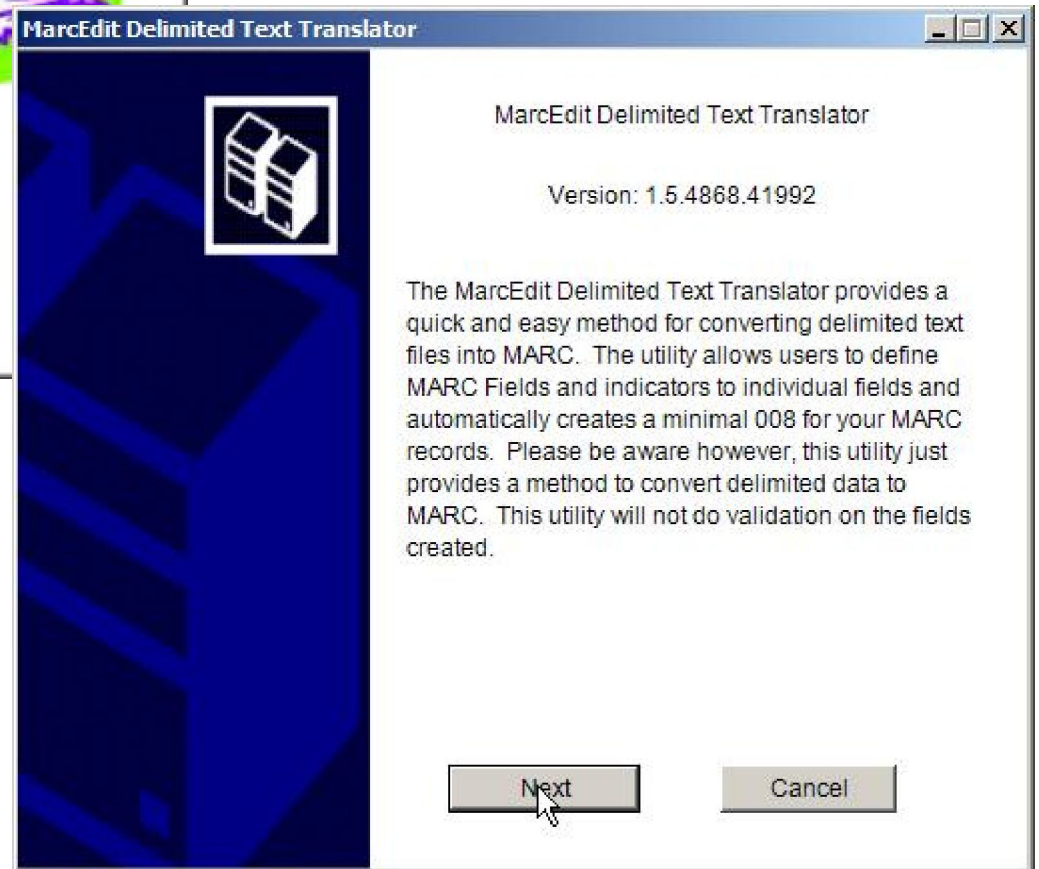
	B	C	D	E	F	G	H
	Item title	Backfile Info	Frequency	Full Text Y/N	ISSN	URL	Subject(s)
1							
2							
3	Aerospace and Electronic Systems Magazine, IEEE	2005-present	12	Y	0885-8985	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=62	Aerospace
4	Aerospace and Electronic Systems, IEEE Transactions on	2005-present	4	Y	0018-9251	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7	Aerospace
5	Annals of the History of Computing, IEEE	2005-present	4	Y	1058-6180	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=85	History of Technology
6	Antennas and Propagation Magazine, IEEE	2005-present	6	Y	1045-9243	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=74	Antennas
7	Antennas and Propagation, IEEE Transactions on	2005-present	12	Y	0018-926X	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8	Antennas
8	Antennas and Wireless Propagation Letters, IEEE	2005-present	1	Y	1536-1225	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7727	Antennas
9	Applied Superconductivity, IEEE Transactions on	2005-present	6	Y	1051-8223	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=77	Magnetics, Superconductors
10	Audio, Speech and Language Processing, IEEE Trans. on (T-ASL)	2005-present	8	Y	1558-7916	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=10376	Signal Processing & Analysis
11	Automatic Control, IEEE Transactions on	2005-present	12	Y	0018-9286	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=9	Control Automation
12	Automation Science and Engineering, IEEE Transactions on	2005-present	4	Y	1545-5955	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8856	Robotics and Automation
13	Autonomous Mental Development, IEEE Trans. on (T-AMD)	2005-present	4	Y	1943-0604	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4563672	Computing & Processing (Hardware)
14	Biomedical Circuits and Systems, IEEE Transactions on	2005-present	4	Y	1932-4545	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4156126	Signal Processing & Analysis
15	Biomedical Engineering, IEEE Reviews in	2005-present	1	Y	1937-3333	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4664312	Biomedicine
16	Biomedical Engineering, IEEE Transactions on	2005-present	12	Y	0018-9294	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=10	Biomedicine
17	Broadcasting, IEEE Transactions on	2005-present	4	Y	0018-9308	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4079767	Broadcasting
18	Circuits and Systems for Video Technology, IEEE Transactions on	2005-present	12	Y	1558-2205	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=76	Circuit Theory, Analysis and Design
19	Circuits and Systems Magazine, IEEE	2005-present	4	Y	1531-636X	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7384	Circuits and Devices
20	Circuits and Systems Part I: Regular Papers, IEEE Transactions on	2005-present	12	Y	1549-8328	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8919	Circuit Theory, Analysis and Design
21	Circuits and Systems Part II: Express Briefs, IEEE Transactions on	2005-present	12	Y	1549-7747	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8920	Circuit Theory, Analysis and Design
22	Communications Letters, IEEE	2005-present	12	Y	1089-7798	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4234	Communication and Information
23	Communications Magazine, IEEE	2005-present	12	Y	0163-6804	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=35	Communication and Information
24	Communications, IEEE Transactions on	2005-present	12	Y	0090-6778	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=26	Communication and Information
25	Components and Packaging Technologies, IEEE Transactions on	2005-present	4	Y	1521-3331	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6144	Packaging
26	Computational Biology and Bioinformatics, IEEE/ACM Transactions	2005-present	6	Y	1545-5963	http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8857	Biomedicine

Count: 9

Creating MARC from a spreadsheet

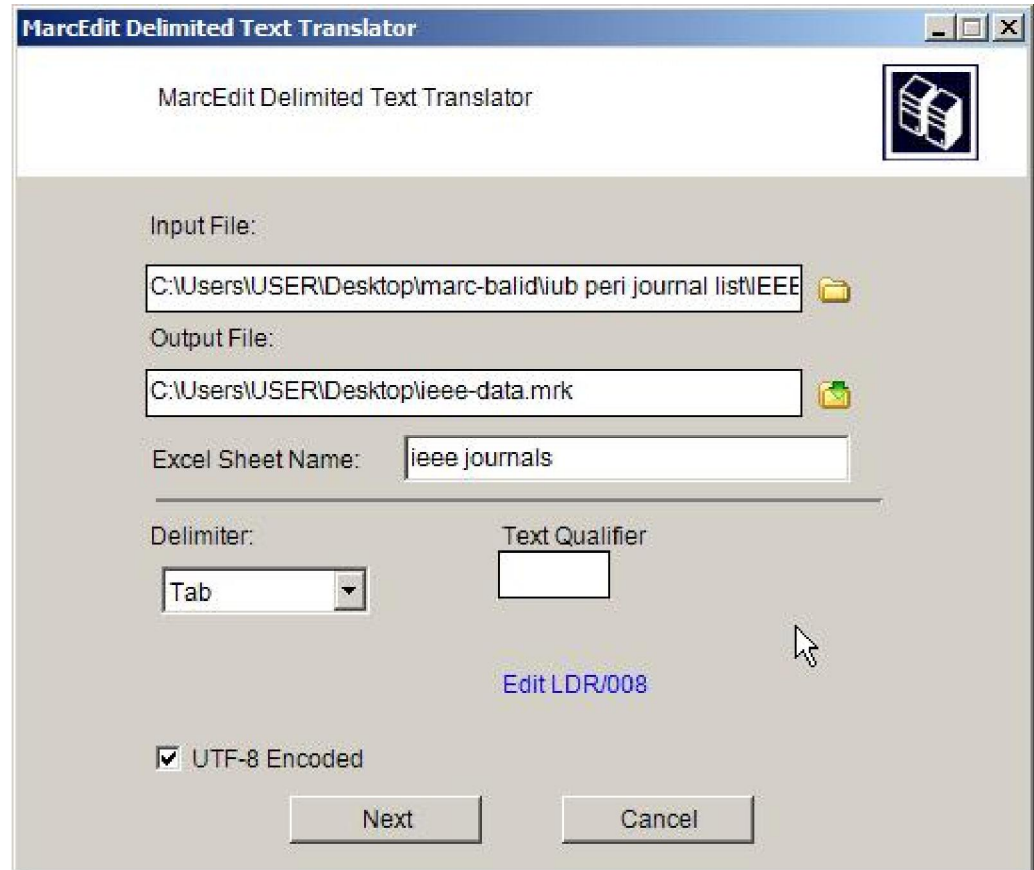


- You can find the Delimited Text Translator in the Add-ins menu on the StartPage.
- It acts like a wizard



Creating MARC from a spreadsheet

- The Delimited Text Translator can handle text (.txt), Excel (.xls or .xlsx), and Ms Access (.mdb).
- As you can see, the output file will be in .mrk (human-editable) format. It will take one more step to get the MARC records.
- If you translate an Excel file, you have to enter your Excel Sheet Name.
- If you translate a text file, you have to specify your delimiter, and the text qualifier if you used one.
- Then click on “Next.”



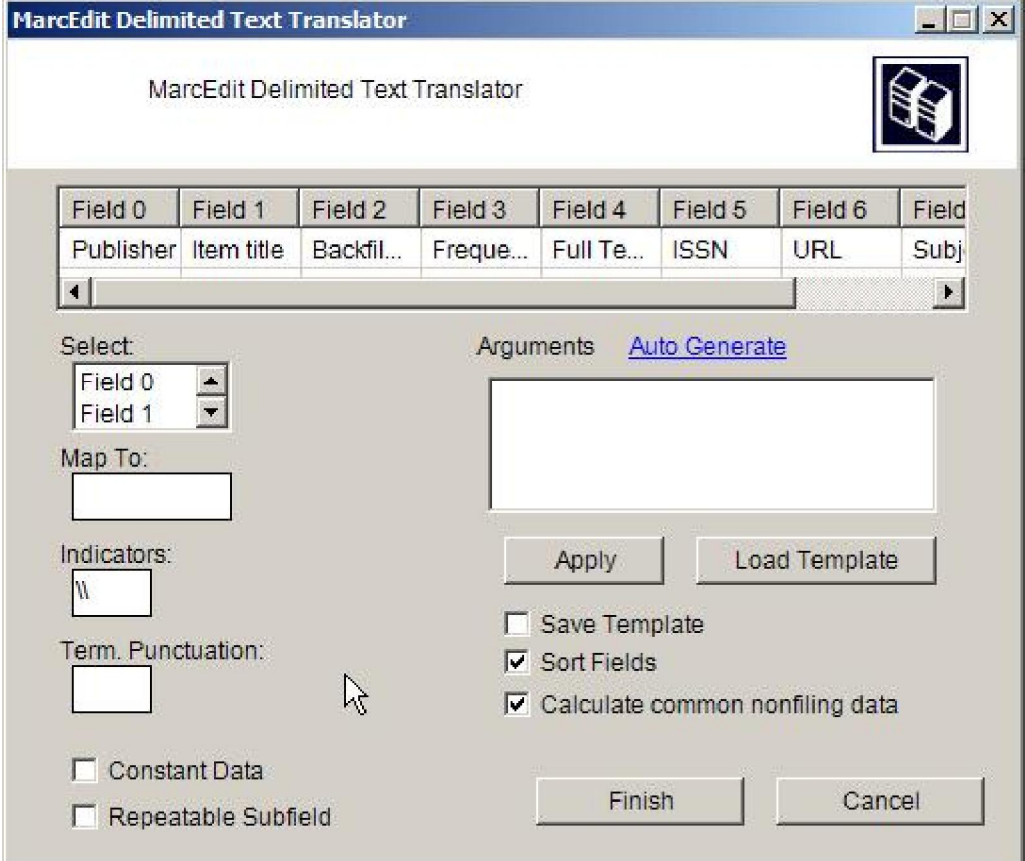
The screenshot shows the 'MarcEdit Delimited Text Translator' dialog box. It has a title bar with the text 'MarcEdit Delimited Text Translator' and standard window controls. The main area contains the following fields and options:

- Input File:** A text box containing 'C:\Users\USER\Desktop\marc-balid\iub peri journal list\IEEE' with a folder icon to its right.
- Output File:** A text box containing 'C:\Users\USER\Desktop\ieee-data.mrk' with a file icon to its right.
- Excel Sheet Name:** A text box containing 'ieee journals'.
- Delimiter:** A dropdown menu currently set to 'Tab'.
- Text Qualifier:** An empty text box.
- Edit LDR/008:** A blue hyperlink text.
- UTF-8 Encoded:** A checked checkbox.
- Buttons:** 'Next' and 'Cancel' buttons at the bottom right.

Creating MARC from a spreadsheet

DTT displays the 1st line of our spreadsheet

It helps to be looking at the spreadsheet with the information on how you want to map it.



The screenshot shows the 'MarcEdit Delimited Text Translator' window. At the top, there's a title bar and a menu bar. Below the menu bar, the window title 'MarcEdit Delimited Text Translator' is displayed. A small icon of a book is in the top right corner. The main area features a table with 8 columns: 'Field 0', 'Field 1', 'Field 2', 'Field 3', 'Field 4', 'Field 5', 'Field 6', and 'Field 7'. The rows below the headers contain truncated text: 'Publisher', 'Item title', 'Backfil...', 'Freque...', 'Full Te...', 'ISSN', 'URL', and 'Subj...'. Below the table, there are several controls: a 'Select:' dropdown menu with 'Field 0' and 'Field 1' options; a 'Map To:' text input field; an 'Indicators:' text input field containing '\\'; a 'Term. Punctuation:' text input field; and a 'Constant Data' checkbox. On the right side, there's an 'Arguments' section with a link to 'Auto Generate', a large empty text area, and buttons for 'Apply' and 'Load Template'. Below these are three checkboxes: 'Save Template' (unchecked), 'Sort Fields' (checked), and 'Calculate common nonfiling data' (checked). At the bottom right, there are 'Finish' and 'Cancel' buttons.

Field 0	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
Publisher	Item title	Backfil...	Freque...	Full Te...	ISSN	URL	Subj...

Select: Field 0 (selected), Field 1

Map To: [Empty text box]

Indicators: \

Term. Punctuation: [Empty text box]

☐ Constant Data

☐ Repeatable Subfield

Arguments: [Auto Generate](#)

☐ Save Template

☒ Sort Fields

☒ Calculate common nonfiling data

Buttons: Apply, Load Template, Finish, Cancel

Creating MARC from a spreadsheet

MarcEdit Delimited Text Translator

MarcEdit Delimited Text Translator

Field 0	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field
Publisher	Item title	Backfil...	Freque...	Full Te...	ISSN	URL	Subj

Select:
Field 0
Field 1

Map To:

Indicators:
\\

Term. Punctuation:

Arguments [Auto Generate](#)

0 260\$b 0

☐ Save Template
☒ Sort Fields
☐ Calculate common nonfiling data

☐ Constant Data
☐ Repeatable Subfield

MarcEdit Delimited Text Translator

MarcEdit Delimited Text Translator

Field 0	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field
Publisher	Item title	Backfil...	Freque...	Full Te...	ISSN	URL	Subj

Select:
Field 0
Field 1

Map To:

Indicators:
\\

Term. Punctuation:

Arguments [Auto Generate](#)

0 260\$b 0
1 to245\$h[electronic resource]\$a 0

☐ Save Template
☒ Sort Fields
☐ Calculate common nonfiling data

☐ Constant Data
☐ Repeatable Subfield

Creating MARC from a spreadsheet

Decide which columns you want to map. Map the columns as follows, 1st column is 0

Field	Field	Tag	Map to
0	Publisher	\\	260\$b
1	Title	00	245\$h[electronic resource]\$a
3	Frequency	\\	310\$a
5	ISSN	\\	22\$a
6	url	40	856\$zOnline access: IEEE\$u
7	subject	\0	\$a
		\\	538\$aMode of access:Web
		\\	500\$aOn campus access
			=LDR 00000cas\ a2200000\ a\4500
			=008 110605d9999\\ \\xx\qr\p\s\o\\0\\a0eng\ d

Creating MARC from a spreadsheet

- Under “Select,” click on the field you want to map.
- In the “Map To:” box, type the MARC tag and subfield.
- In the “Indicators:” box, type the indicators. Use the backslash \ for blank.
- Click on “Apply.”
- The “Arguments” box will change to show the field number, MARC tab, and subfield. The “0” at the end means that the information to go into that tag is coming from the spreadsheet, not from constant data. The indicators have been saved, but they don’t display in the “Arguments” box.

The screenshot shows the 'MarcEdit Delimited Text Translator' dialog box. At the top, there's a title bar and a subtitle 'MarcEdit Delimited Text Translator' with a small icon. Below this is a table with 8 columns: Field 0, Field 1, Field 2, Field 3, Field 4, Field 5, Field 6, and Field 7. The corresponding data in the table is: Publisher, Item title, Backfil..., Freque..., Full Te..., ISSN, URL, and Subj... Below the table is a horizontal scrollbar. On the left side, there are four input fields: 'Select:' with a dropdown menu showing 'Field 0' and 'Field 1'; 'Map To:' with an empty text box; 'Indicators:' with a text box containing '\\'; and 'Term. Punctuation:' with an empty text box. Below these are two checkboxes: 'Constant Data' and 'Repeatable Subfield', both of which are unchecked. On the right side, there's a section for 'Arguments' with a link 'Auto Generate'. Below this is a large text box containing '0 260\$b 0'. Below the text box are two buttons: 'Apply' and 'Load Template'. Below these are three checkboxes: 'Save Template' (unchecked), 'Sort Fields' (checked), and 'Calculate common nonfiling data' (unchecked). At the bottom right are two buttons: 'Finish' and 'Cancel'.

Field 0	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
Publisher	Item title	Backfil...	Freque...	Full Te...	ISSN	URL	Subj...

Select: Field 0
Field 1

Map To:

Indicators: \

Term. Punctuation:

☐ Constant Data
☐ Repeatable Subfield

Arguments [Auto Generate](#)

0 260\$b 0

☐ Save Template
☒ Sort Fields
☐ Calculate common nonfiling data

Apply Load Template

Finish Cancel

Creating MARC from a spreadsheet

MarcEdit Delimited Text Translator

MarcEdit Delimited Text Translator

Field 0	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
Publisher	Item title	Backfil...	Freque...	Full Te...	ISSN	URL	Subj

Select:
Field 0
Field 1

Map To:

Indicators:

Term. Punctuation:

☐ Constant Data
☐ Repeatable Subfield

Arguments [Auto Generate](#)

0 260\$b 0
1 to245\$h[electronic res

☐ Save Template
☒ Sort Fields
☐ Calculate common n

MarcEdit Delimited Text Translator

MarcEdit Delimited Text Translator

Version: 1.5.4868.41992

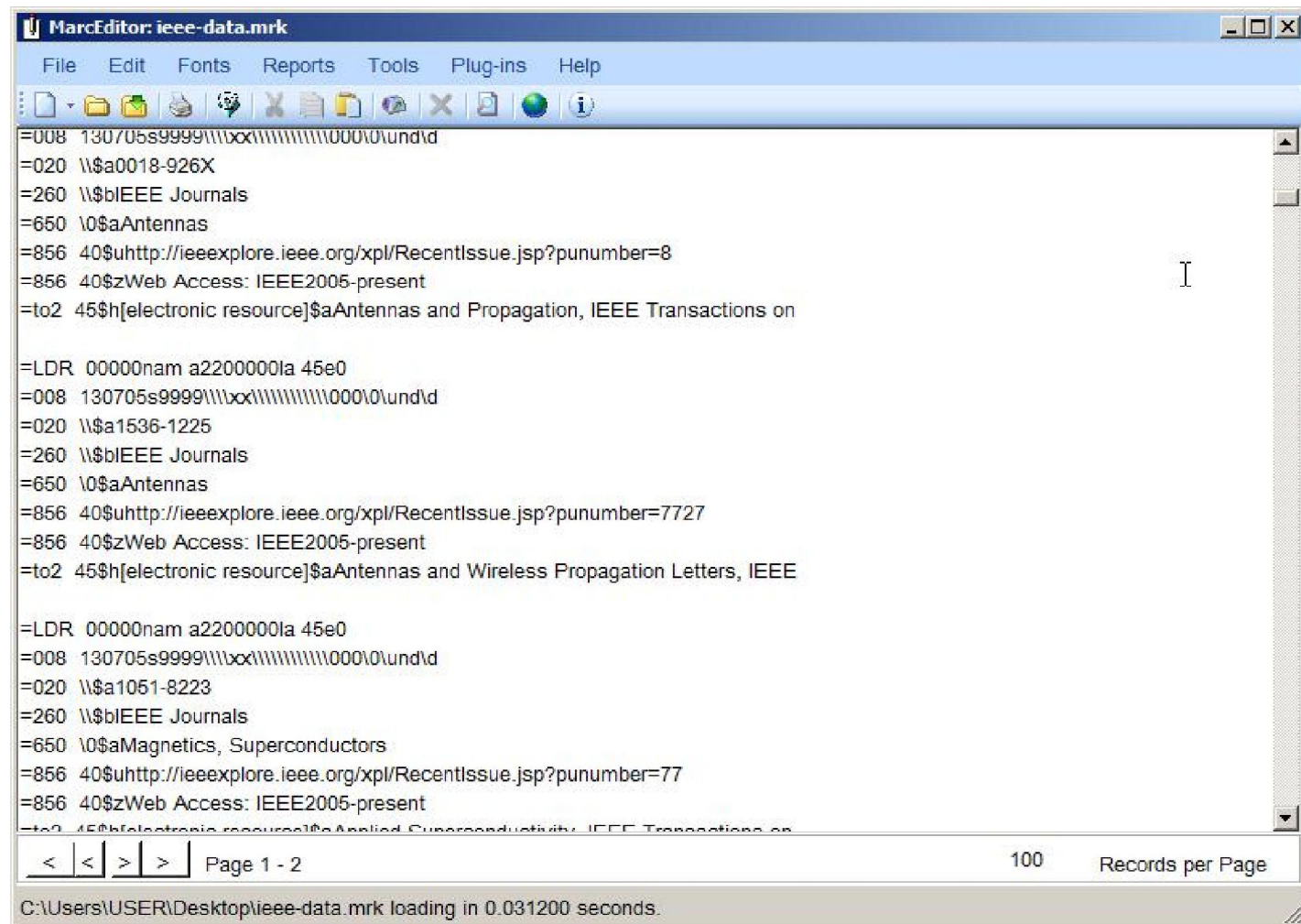
"MarcEdit's Delimited Text Translator has successfully created a MARC Text file at: C:\Users\USER\Desktop\ieeee-data.mrk. This file can be viewed/edited in the MarcEditor if further manipulation is required. To translate this file into raw MARC, you must "remake" this file using the MarcMaker.";

You have created a .mrk file



Creating MARC from a spreadsheet

- Use MarcEditor to look at your .mrk file. The records look complete. Edit further where needed before compiling.



References/Resources

- MarcEdit homepage (to download):
<http://people.oregonstate.edu/~reese/marcedit/html/index.php>
- MarcEdit Listserv: <http://metis3.gmu.edu/cgi-bin/wa?A0=MARCEDIT-L>
- Terry Reese's YouTube channel (video demos):
<http://www.youtube.com/user/tpreese?ob=0>

THANK YOU