

Background



This slide show was presented at the Medical Library Association's 2019 conference in Chicago, IL, as part of a program called "My Favorite Tool." Presenters had three minutes to describe software, a service, or anything else that they found useful. Margaret Hoogland, the organizer of the program, was adamant that presenters not use slide shows, but this year PDFs from slide shows were acceptable.

All photographs or other graphics not credited are my own. You are welcome to adapt my presentation for other purposes; if you use my photographs, please give me credit if feasible.

Fred King, phred@phred.us

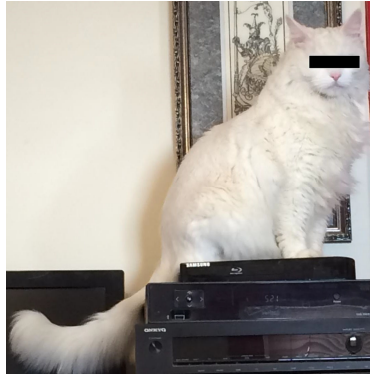


See The Adventures of Fred and the Avenging Chicken (www.avengingchicken.online) for more information.



As the name implies, I'm Fred King. I'm a medical librarian at MedStar Washington Hospital Center in Washington, DC, and today I'm going to talk about MarcEdit.

Obligatory Cat Photo



Every presentation done by a librarian is required to have a cat in it.

Who Uses It?

Anybody who does anything with MARC records.

```
=LDR 04440nas a2200529M 4500
=-001 //422
=-005 20130605151550.0
=-008 750901d19541990njuuu//////////0\\0eng\ d
=-010 //sa $3002151
=-035 //saocm01588948
=-035 //sa0523546$bMULS
=-040 //saMUL $cmUL $dm. c. $drCS $dNSD $doCL $dwhC
=-049 //saWCA $bwhC
=-060 0 $aQZ 17 N474c
=-069 1 $ac21530000
=-097 //saQZ 17 N474c
=-100 1 $aNetter, Frank H. $g(Frank Henry). $d1906-$wIn$915278
=-245 00$aCiba collection of medical illustrations.
=-260 //saSummit, N.J., $bciba Pharmaceutical Products.
=-500 //saIncludes bibliographical references.
=-500 //saVarious editions.
=-500 //saCiba collection of medical illustrations.
=-510 2 $aBiological abstracts $x0006-3169 $b-1979
=-650 2 $aMedical Illustration.
=-650 2 $aAnatomy $xatlas. $9944
=-650 2 $aCIBA-GEIGY Corporation. $94069
=-999 //sc81 $881
=-952 //S00S1054056QZ_00017_N474C_V_1_PT_157058CIRC$9108$awHC$bwhC$cGEN$d2013-05-29$11$ooZ 17 N474C v. 1 pt. 15p329;
=-952 //S00S1054056QZ_00017_N474C_V_1_PT_257058CIRC$9109$awHC$bwhC$cGEN$d2013-05-29$11$ooZ 17 N474C v. 1 pt. 25p329;
=-952 //S00S1054056QZ_00017_N474C_V_2_PT_257058CIRC$9110$awHC$bwhC$cGEN$d2013-05-29$11$ooZ 17 N474C v. 25p329;
=-952 //S00S1054056QZ_00017_N474C_V_3_PT_157058CIRC$9111$awHC$bwhC$cGEN$d2013-05-29$11$ooZ 17 N474C v. 3 pt. 15p329;
=-952 //S00S1054056QZ_00017_N474C_V_3_PT_257058CIRC$9112$awHC$bwhC$cGEN$d2013-05-29$11$ooZ 17 N474C v. 3 pt. 25p329;
```

There's a lot of cataloging jargon in my presentation. I'm not a real cataloger, so if I can learn it, so can you.

What does it run on?

Available for Windows, Linux, Mac



What does it run on? Pretty much anything.

Cost?



“Free” is well within most library budgets.

Tech Support?

Tech Support?



Terry Reese Jr. selected for Margaret Mann Citation

Terry Reese!



For Immediate Release
Fri, 02/22/2019

Contact:

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Association for Library Collections & Technical Services
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CHICAGO—The Association for Library Collections & Technical Services (ALCTS) and Margaret Mann Citation presented by the [ALCTS Cataloging and Metadata Management](#) June 22 at the ALCTS Awards Ceremony during the 2019 American Library Association

The Mann Citation, recognizing outstanding professional achievement in cataloging or to the library school of the winner's choice. Reese has chosen the [University of Maryland](#) award.

Reese's outstanding professional achievements in cataloging have had a lasting and well-known achievement leading the creation, development and on-going work of and librarians, ranging from small public libraries to large academic research libraries. future cataloging practices such as MARC, XML, crosswalks and linked data.

He never sleeps!*

*Not confirmed. Photo from MarcEdit web site.

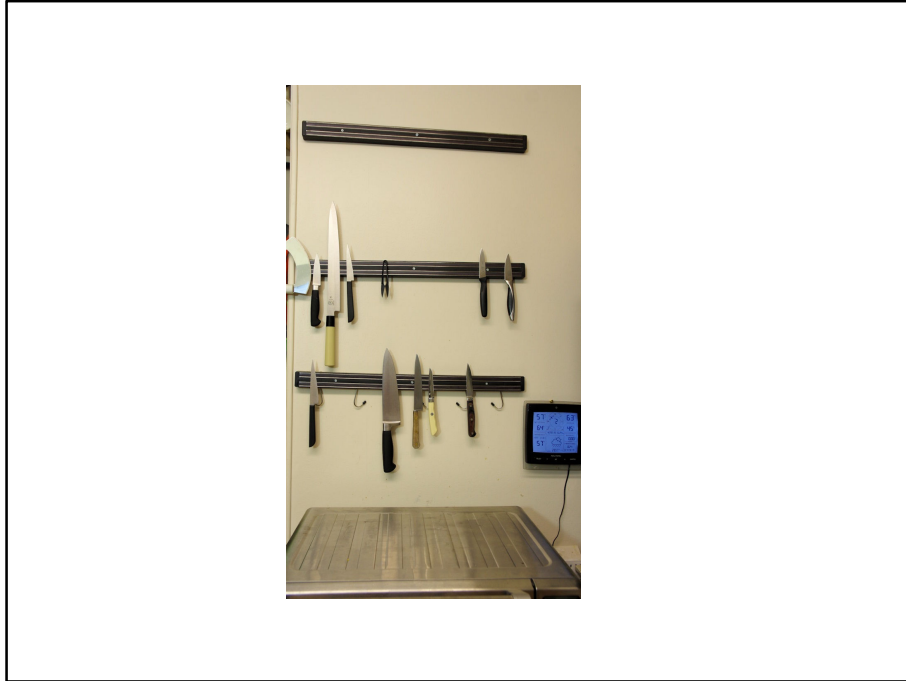
Provided by the amazing Terry Reese. If you post a question on the MarcEdit listserv, you usually get an answer within hours. Sometimes minutes. He's getting a well-deserved award at this year's ALA conference.

What does it do?

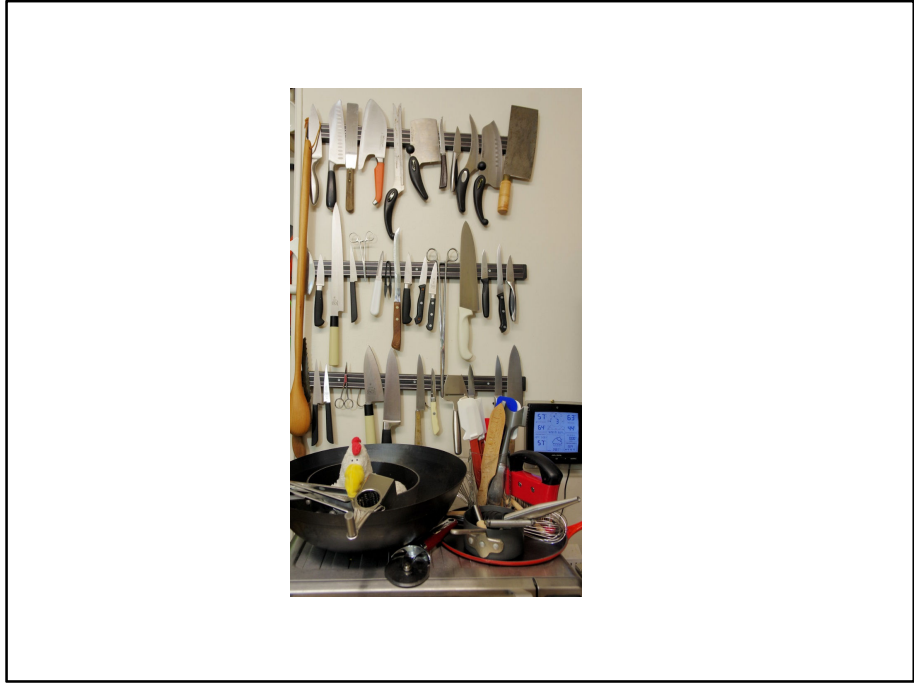
MarcEdit is a bit like a Swiss Army Knife.



I started out knowing how to use a couple of blades and a corkscrew. [Note: there's no corkscrew in this picture. Pretend there is one.]



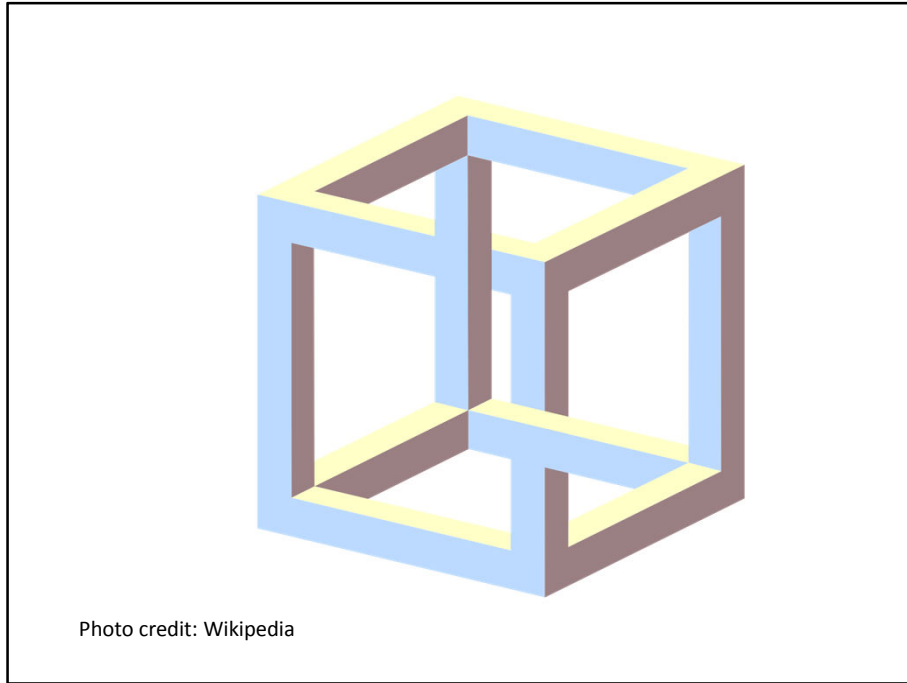
But if you look at it a little more, you'll find it has a few more things than you thought it did.



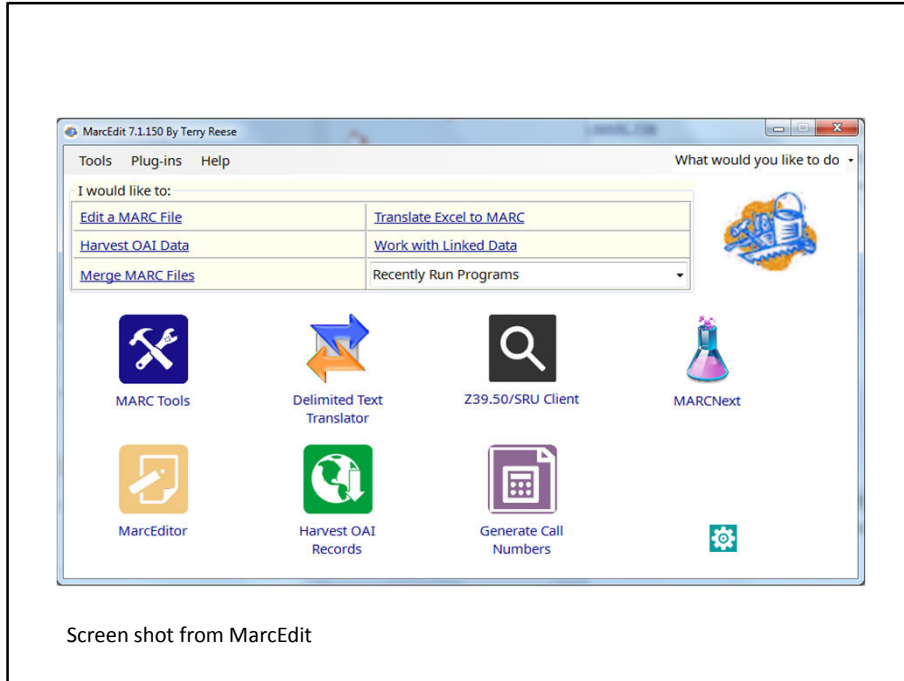
Actually, a whole lot more.



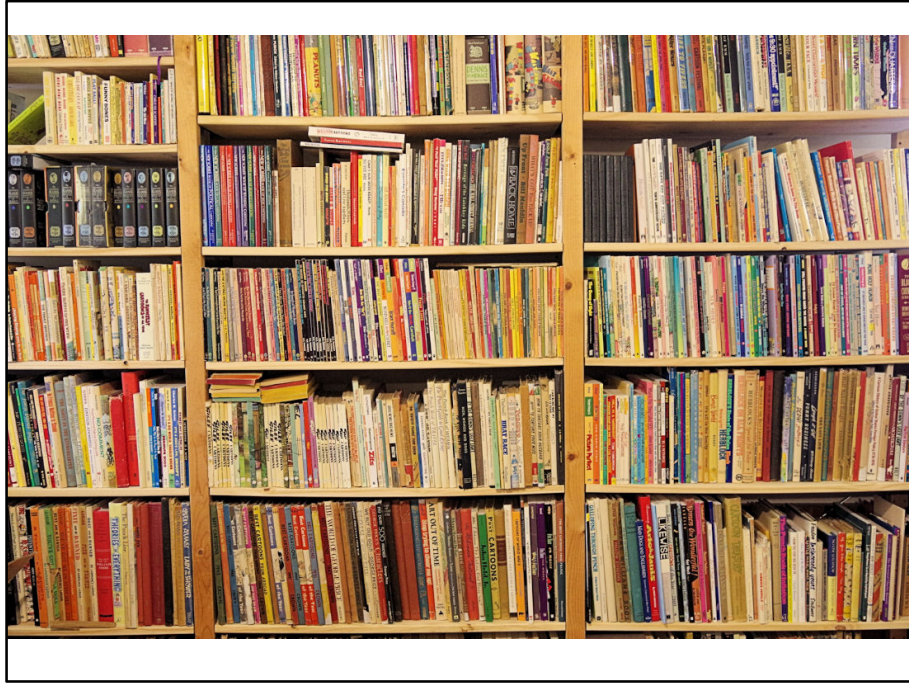
Since I have just three minutes, I'm going to talk about just a few things.



Don't ask me about all of its features. I don't understand a lot of them.



Here's the main screen. You can already see some of the interesting things it can do.



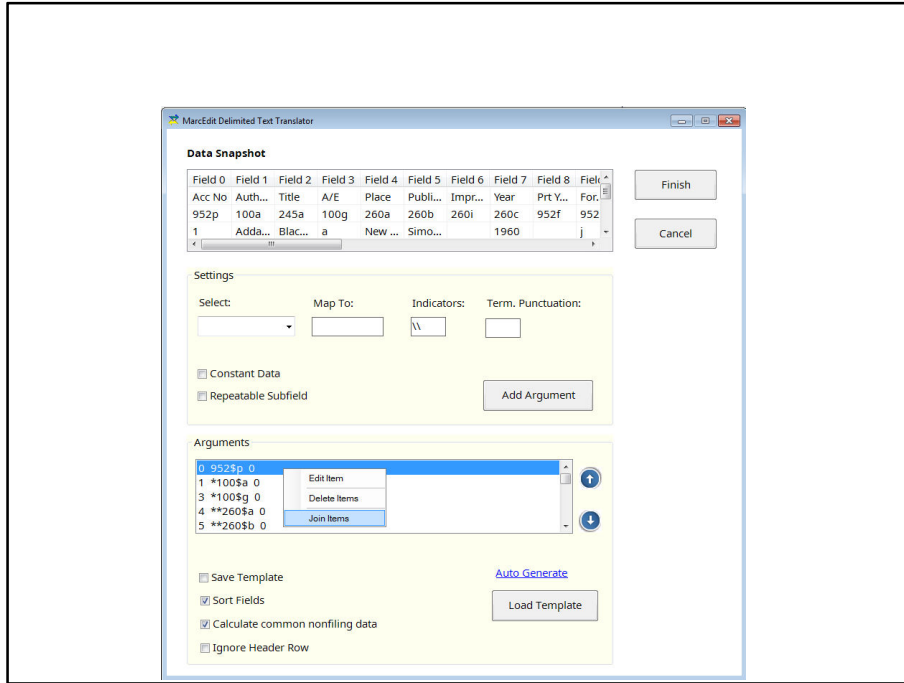
It does more, though. I was given my first book when I was six weeks old, and I've been collecting for a long time. Here's a picture of part of my cartoon book collection. I started cataloging it in 1991, and now the data are in a large spreadsheet. What to do?

Delimited Text Translator

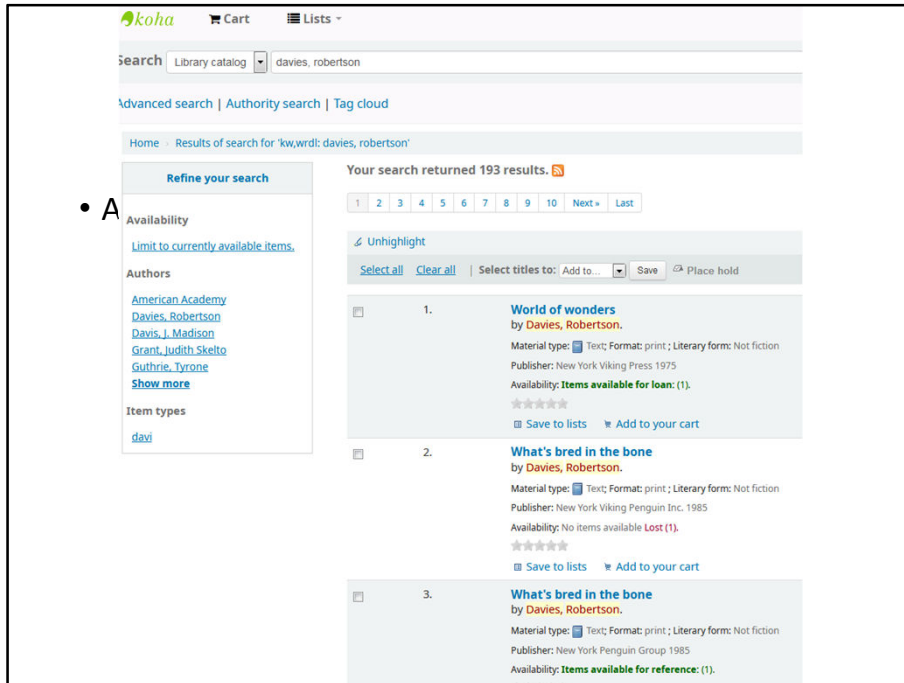
Author/Editor	Title	A/E	Place	Publisher	Imprint	Year	Prt Year	Format	Type
100a	245a		100g 260a	260b 260i	260c	952f	952c	942c	
Thurber, James	Thurber's dogs	a	New York	Simon and Schuster		1955		p	rf
Thurber, James	Years with Ross, the	a	Boston	Little, Brown Atlantic Mc		1959		t	bio
Tobey, Cliff	Guide to playing the recorder	a	London	Amoco Publications		1970		p	rf
Tolkien, J.R.R.	Hobbit, the	a	New York	Ballantine Books		1937		m	fic
True, Webster P.	Smithsonian treasury of 20th-century science	e	New York	Simon & Schuster		1966		j	rf
Walters Art Gallery	History of bookbinding 525-1950 A.D.	e	Baltimore	Trustees of the Walter		1957		h	rf
Wheeler, William A.	Mother Goose's melodies, or, songs for the nursery	e	Boston	Houghton Mifflin Comp		1878		h	juv
White, E.B.	One man's meat	a	New York	Harper & Brothers Put		1944		h	rf
Wibberley, Leonard	Mouse that roared, the	a	New York	Bantam		1955		m	fic
Wilson, Margery	New etiquette, the	a	New York	Frederick A. Stokes C		1940		h	rf
Adams, Douglas	Hitchhiker's trilogy, the	a	New York	Harmony Books		1983		t	sf
Adams, Douglas	Long dark tea-time of the soul, the	a	New York	Pocket Books		1988		m	sf
Barry, Dave	Clew your way to the top	a	Emmaus, PA	Rodale Press		1986		p	rf
Borge, Victor	My favorite intermissions	a	Garden City, NY	Doubleday and Comp		1971		t	rf

Printing	Edtion	Pages	Height	Width	LCCN	ISBN	Cover Pric	Purch	Purchase	FN	UJR	Condition	Date	Cataloged	Notes	Discard	Date	
952g	250a	300a	300c	300d	010a	020a	952b	952b	952a	952b	952c	952q	952v	952z	9520		9520	
2		234	21		55-10053		\$1.75				u				11/5/1995	Subtitle: a collection of the master's dog		
		310	22		58-11443			\$1.00			u				11/5/1995			
		72	31		73-84933	0-8256-2146-1					MEK, Colle	n			11/5/1995	Everybody's Favorite Series No. 146		
25		287	18				\$0.95				MEK, Colle	n			11/5/1995			
1		544	23		66-11068		\$7.95				MEK, Colle	u			11/5/1995			
		381	29								Git	u			11/5/1995	275 pp. text + 106 pp. illus.		
		186	23								MEK, Colle	u	good		11/5/1995	Ex-library - rebound, pages damaged, v		
	7	350	20								MEK, Colle	u			11/5/1995			
12		182	18			0-553-1224	\$1.50				u				11/5/1995			
		615	22								SFRL Boo	u			11/5/1995	Subtitle: the modern code of social beha		
3		468	23		83-166-0	0-517-55200-0		\$2.00			Goodwill Bu				11/7/1995			
1		307	18			0-671-6940	\$4.95				Goodwill Bu				11/7/1995			
2		86	20		86-13013	0-87857-65	\$5.95				Goodwill Bu				11/7/1995	Illustrated by Jerry O'Brien ; Subtitle: How		
		189	22		77-163733		\$4.95				Goodwill Bu				11/7/1995	Illustrated by Thomas Winding ; Subtitle		

MarcEdit's Delimited Text Translator lets you turn each column into a MARC field. Here are a few lines from my book catalog.



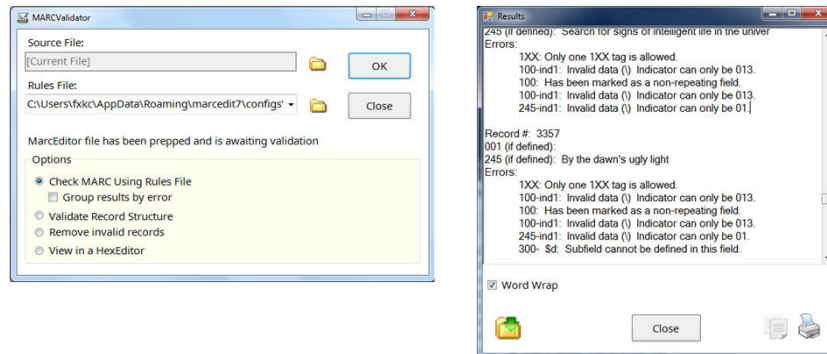
Set up which column to map to which tag, then join the tags that need to be on the same line. (Note: My original presentation didn't include joining records. It makes the records much tidier.)



• A

Then upload it to your catalog. Clearly the records still need some editing, but we're on our way.

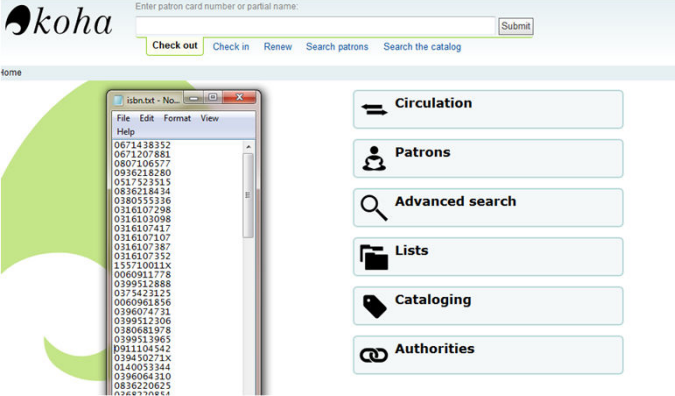
MARC Validator



You can also use MarcEdit to see if your records are in proper MARC format. As I said, I'm not a real cataloger, so my records aren't all that valid.

Z39.50/SRU Client

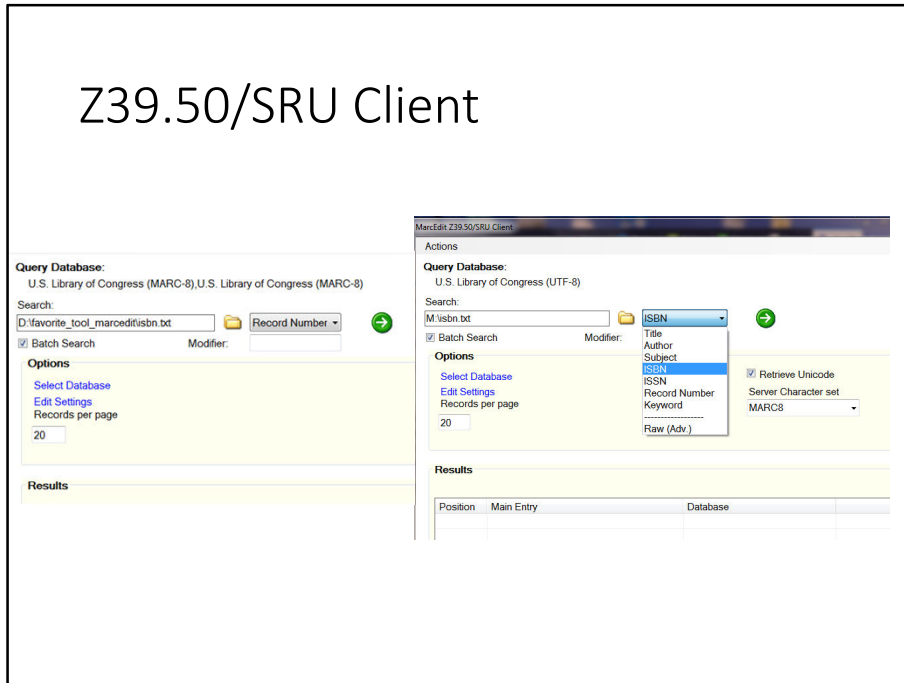
U	V	
LCCN	ISBN	Co
010a	020a	
60-12594		
67-24372		
81-8921	0-671-43835-2	
54-9805		
76-129192	0-671-2078	
57-12399		
79-20190	0-8071-065	
87-73256	0-9362-182	
69-9067	0-517-523515	
88-83668	0-8362-184	
80-17198	0-380-55533-6	
87-3537	0-316-1072	
86-1472	0-316-1030	
89-29665	0-316-1074	
83-5379	0-316-1071	
89-12228	0-316-1073	
85-40012		
88-90302	0-316-1073	
84-80135		
89-48123	1-55710-01	
84-47563	0-06-09117	
59-6981		
	0-399-5120	
*00405223	0-375-42312-5	
86-45111	0-06-08618	
77-7314	0-396-0747	
	0-399-5123	
89-73194	0-399-5019	



isbn.txt - No...
File Edit Format View
Help
0671438352
0671207881
0807106577
0946218260
0517523515
0836218434
0380555336
0316107298
0316103098
0316107417
0316107107
0316107387
0316107352
155710012X
0060911778
0399512888
0375423125
0060961856
0386074731
0399512306
0180681978
0399513965
0911104542
038450271X
0140053344
0386064310
0836220625

Two of my book catalog spreadsheet columns are for the LCCN and ISBN. You can use MarcEdit's Z39.50 client to download MARC records from libraries all over the world.

Z39.50/SRU Client



Here I'm getting records from the Library of Congress.

Z39.50/SRU Client

Of 2950 ISBNs

Library of Congress: found 555

Of the 2395 remaining ISBNs

New York Public Library found 127

Using just ISBNs, MarcEdit found about one out of six records. Not great, but not terrible. Of the 2395 ISBNs that MarcEdit didn't find at the Library of Congress, it found an additional 127 at the New York Public Library.

Z39.50/SRU Client

Of 2485 LCCNs

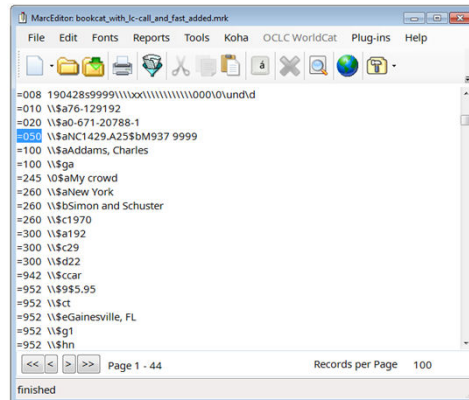
Library of Congress: found 675

Of the 1810 remaining LCCNs

New York Public Library found 12

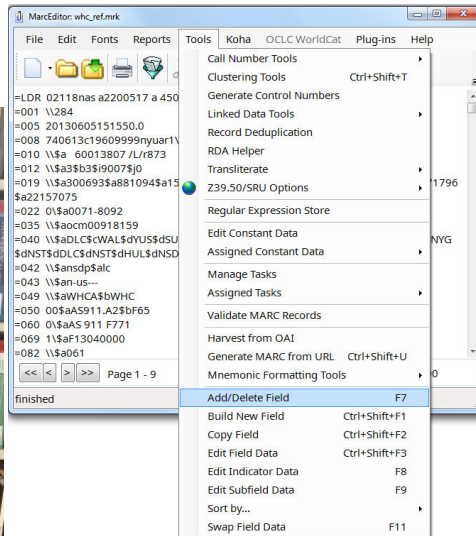
I found more LCCNs at LC, but very few of the remaining ones at the NYPL. There are other ways to look for records, including title searches.

Add Dewey or LC Call numbers



MarcEdit will also add DDC or LC call numbers. Not NLM call numbers, alas.

Add Field



942: Default item type and classification system (mandatory)

When I migrated our catalog to Koha, I didn't include the mandatory 942 field—default item type and classification system.

Regular Expressions

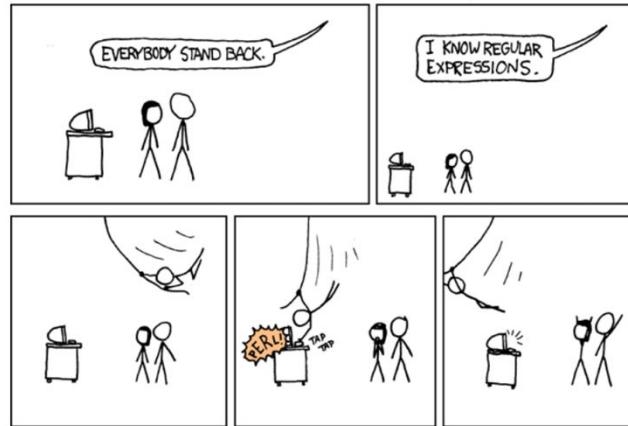


Photo credit: XKCD

MarcEdit can also do amazing things with Regular Expressions.

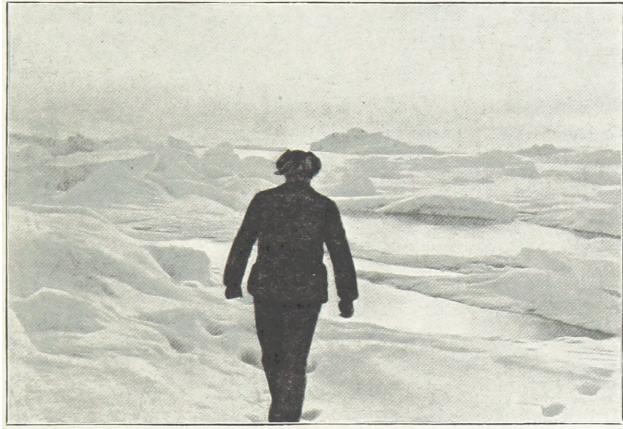
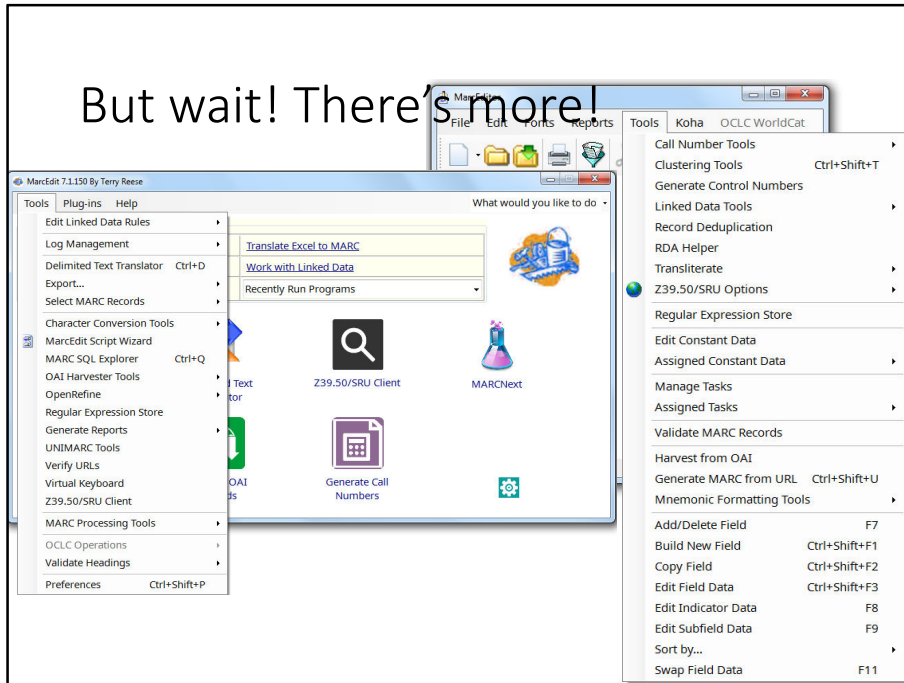


Photo credit: British Library

Which I do not understand at all.

But wait! There's more!



But wait! There's more!

MarcEdit -- Your complete *free* MARC editing utility



<https://marcedit.reeset.net/>

Photo credit: MarcEdit web site

Which I don't have time to talk about it so you'll have to try it for yourself.