



eiff

**Knowledge
without
boundaries**

Data Migration: Marc Edit

Tigran Zargaryan

eIFL FOSS coordinator,
Armenia

www.eifl.net

Data Migration: Marc Edit

- *MarcEdit* is a free (but not Open Source) UNICODE based MARC editing tool that enables to convert MARC to text, Text to MARC, MARC to XML and MARC to Dublin Core.
- <http://people.oregonstate.edu/~reese/marcedit/html/index.php>

Tutorials

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

MarcEdit -- Your complete *free* MARC editing utility



- Home
- About MarcEdit
- Downloads
- Features
- Help
- Known Issues
- MarcEdit Script Maker
- Plugins
- ScreenShots
- Technical Details
- Tutorials
- Bug Reports
- Suggestions

Tutorials

[MarcEdit 101](#)

MarcEdit 101 is a basic introduction to MarcEdit. The tutorial provides step by step instructions on how to break and make MARC records. It also shows how to change MarcEdit options, and introduces users to the MarcEditor and its many MARC editing functions.

[Using templates \(.mot files\) in MarcEdit](#)

Like many word processors, MarcEdit's MarcEditor has the ability to utilize template files to allow users to create default template files that can be used to reduce the amount of repetitive data needing to be typed.

[Using the MarcEdit Script Maker](#)

New to MarcEdit 4.1+ is a new add-in called the MarcEdit Script Maker. The MarcEdit Script Maker has been designed to help novice users create simple scripts to automate simple maintenance tasks. For those with a scripting background, the Script Maker can be used to simply generate a common script framework, saving the coder from typing hundreds of lines of code. Please be aware that this tutorial is a work in progress.

[Using MarcEdit and Ill's Journal Title Search](#)

For Ill library's wanting to have aggregator record sets (like Ebsco) show up in the Journal Title Search, you currently have only one option -- add the 229 field to each record by hand. Well, with MarcEdit, and a very simple vbscript, this process is a snap. This tutorial takes you through a step by step process, providing you with examples and the script needed to make the changes. Script and tutorial comes from a presentation that I gave at the NWIUG 2001 entitled: "Automating Database Maintenance".

Correcting Holding Data (exported from ArmUniCat)

```
_ _a50_  
_aSMLHASO_b40_c20061107_IALC01_h13  
24_ _c20090528_IALC01_h0255_-  
1_IALC01_LALC01_mBOOK_1SML_ASciMe  
d Lib._2GEN_BGeneral_3614.2_iW-  
69_5MS0004070_820061107_f42_FOne  
Year Loan__01266nam
```

MARC view



=Z30 -1\$IALC01\$LALC01\$mBOOK\$1SML\$ASciMed Lib.\$2GEN\$BGeneral\$3614.2\$iW-69\$5MS0004070\$820061107\$f42\$FOne Year Loan

=FMT \BK

=999 -1\$IALC01\$LALC01\$mBOOK\$1SML\$ASciMed Lib.\$2GEN\$BGeneral\$3614.2\$iW-69\$5MS0004070\$820061107\$f42\$FOne Year Loan

=100 1\$aWilliams, Steve

=245 10\$aProfitable Financial Management for the General Practitioner /\$cS Williams.

=260 \1\$aDartford :\$bMagister consulting ltd,\$c2003.

=300 \1\$a190 p. ;\$c20 cm.

=504 \1\$aIncludes index

=650 14\$aHealth care surveys

=650 14\$aHealth planning

=BAS \1\$a50

=CAT \1\$aSMLHASO\$b40\$c20061107\$IALC01\$h1324

=CAT \1\$c20090528\$IALC01\$h0255

=Z30 -1\$IALC01\$LALC01\$mBOOK\$1SML\$ASciMed Lib.\$2GEN\$BGeneral\$3614.2\$iW-69\$5MS0004070

\$820061107\$f42\$FOne Year Loan

Holding Data

Swap Field (step 1)

MarcEdit.NET Batch Editing Tools

Swap Field Utility

Original Data:

Field	Indicators	Subfields	Find:
999		3	

Modified Data:

Field	Indicators	Subfields
952		0

Buttons: Process, Close

Search Options:

- Copy source
- Add to existing field
- Override Default Behavior
- Sort Modified Field

MarcEdit.NET

4 modifications were made.

OK

Original Data List:

- =650 4\$aHealth planning
- =BAS \a50
- =CAT \aSMLHASO\$b40\$c20061107\$IALC01\$h1324
- =CAT \a\$c20090528\$IALC01\$h0255
- =952 \$o614.2
- =999 -1\$IALC01\$LALC01\$mBOOK\$1SML\$ASciMed Lib.\$2GEN\$BGeneral\$iW-69\$5MS0004070:

Swap Field (step 2)

The screenshot shows the MarcEdit.NET Batch Editing Tools interface. The main window displays a list of MARC records. The 'Swap Field Utility' dialog box is open, showing the following fields:

- Original Data:** Field: 999, Indicators: [empty], Subfields: i, Find: [empty]
- Modified Data:** Field: 952, Indicators: [empty], Subfields: k
- Search Options:** Copy Source, Add to existing field, Override Default Behavior, Sort Modified Field

A red arrow points from the 'Process' button in the 'Swap Field Utility' dialog box to the '952 \$o614.: \$kW-69' field in the main window. A smaller dialog box titled 'MarcEdit.NET' is also visible, showing '3 modifications were made.' The '952 \$o614.: \$kW-69' field is highlighted with a yellow box.

Merging subfields

The screenshot shows the MarcEditor application window titled "MarcEditor: ttt.mrk". The main text area contains MARC records. A "Find/Replace:" dialog box is open, with the "Replace" tab selected. The "Find what:" field contains the text "k". The "Replace with:" field is empty. The "Search Options:" section has "Match case" checked and "Use regular expressions" unchecked. A yellow arrow points from the "Find what:" field to the "Replace All" button. A second yellow arrow points from the "Replace All" button to a small "MarcEdit.NET" dialog box that has appeared, displaying the message "3 modifications were made." and an "OK" button. In the main text area, the record line "=952 \$o614.2W-69" has the subfield "\$o614.2W-69" highlighted with a yellow box.

```
=LDR 00743nam a2200229 u 4500
=001 000507546
=005 20061107132441.0
=008 061107s2003\\$enk||||r||||C
=FMT \\BK
=020 \\$a1-873839-45-6
=041 0\\$aeng
=100 1\\$aWilliams, Steve
=245 10\\$aProfitable Financial M
=260 \\$aDartford :$bMagister c
=300 \\$a190 p. ;$c20 cm.
=504 \\$aIncludes index
=650 14\\$aHealth care survev
=650 14\\$aHealth planning
=BAS \\$a50
=CAT \\$aSMLHASO 040$c20061107$IALC01$h1324
=CAT \\$c2009052 IALC01$h0255
=952 $o614.2W-69
=999 -1$IALC01$LALC01$mBOOK$1SML$ASciMed Lib.$2GEN$BGeneral$5MS0004070$820061107$f42$FOne Year Loan
```

MarcEdit Z39.50 Client

Search Mode

Batch Mode

Modify Databases

Set Options

About Client

Query Database:
Library of Congress

Search:
CDS/ISIS

Title

Options

Select Database

Edit Settings

Retrieve Unicode

Results

14 records were located -- 14 were retrieved.

ID	Title	Database
0	Formato m{acute}inimo com{acute}...	Library of Congress
1	Gu{acute}ia b{acute}asica comenta...	Library of Congress
2	Heurisko :\$bpou{caron}z{acute}ivat...	Library of Congress
3	Katalog polskich baz danych Mikro ...	Library of Congress
4	Using micro-computers for agricult...	Library of Congress

Get Next 20

Clear Results

MarcEdit Z39.50 Client

View MARC Record

Download Record
Close

Save File: Append

```
=LDR 00932nam 2200265 a 4500
=001 1173380
=005 19970909105201.2
=008 960905s1994\\ne\\000\\0\\eng\\
=035 \\$9(DLC) 96189955
=906 \\$a7$bcbc$corignew$d3$encip$f19$gy-gencatlg
=955 \\$aub04 09/05/96 to Cat.; jf00 11-06-96; jf06 to subj 05-16-97; jf11 to
HLCD 05-20-97; lj07 05-30-97; lh37 08-29-97;aa05 09-09-97
=010 \\$a 96189955
=020 \\$a9073077079
=040 \\$aDLC$cDLC
=050 00$aZ699.4.C17$bK56 1994
=082 00$a025.04$221
=100 1\\$aKips, Eddie.
=245 10$aExplore CDS/ISIS, a training vehicle /$cEddie Kips.
=260 \\$a[The Hague] :$bLIS Dept., The Hague Polytechnic,$c1994.
=300 \\$a200 p. ;$c24 cm.
=630 00$aMicro CDS/ISIS.
=650 \\$aInformation storage and retrieval systems$xBibliography.
=650 \\$aDatabase management.
=922 \\$aag
=991 \\$bc-GenColl$hZ699.4.C17$iK56 1994$tCopy 1$wBOOKS
```

MarcEdit Z39.50 Client

MarcEdit Z39.50 Client

Search Mode

Batch Mode

Modify Databases

Set Options

About Client

Select Database:

ID	Name	Type
1	Library of Congress	Z39.50
2	Oregon State University (INNOPAC)	Z39.50
3	OCLC Cataloging Service	Z39.50

Options

- Add Database
- Delete Database
- Modify Database
- Close

Thank you



EIFL FOSS Regional Seminar, Dar-Es-Salaam, Tanzania