


Create a MARC 21 record

AIT Forschungsgesellschaft mbH



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Outline:

- MARC 21 Standard
- MarcEdit
- MarcEdit Z39.50 Client
- MarcEditor – books
- MarcEditor - serials



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http://www.loc.gov/marc/bibliographic/lite/



NETWORK DEVELOPMENT AND MARC STANDARDS OFFICE
THE LIBRARY OF CONGRESS

LITE Bibliographic Format

2008 Edition

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

MarcEdit - Your complete free MARC editing utility



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

MarcEdit By Terry Reese

File Tools Add-ins Plug-ins Help

FAQs: StartPage | MARC Toc | Add-in | Tutorial | About the Author

StartPage

Frequently Used Tools:

- MarcBreaker
- MarcMaker
- MarcEditor
- Harvest OAI Records
- MarcEdit Z39.50/SRU Client
- MarcEdit Help

What's New in MarcEdit

MarcEdit: MarcEdit 101

Description:
These tutorials are not exhaustive by any means. However, they are being provided to give new users and opportunity to get familiar with the application and some of its functions. If you have a tutorial that you would like to see created or would like to have posts, just let me know.

Breaking a MARC file:
This tutorial demonstrates how to break a MARC record into MarcEdit's mnemonic file format, the Library of Congress's MARCXML Schema and Dublin Core.

Making a MARC file:
This tutorial demonstrates how to make MarcEdit's mnemonic file format back into MARC from the MARC Tools dialog and the MarcEditor.

Adding a Field:
This tutorial demonstrates how to globally add a field in the MarcEditor.

Deleting a Field:
This tutorial demonstrates how to globally delete a field in the MarcEditor.

Modifying an LDR field

Setting the Application Options:
This tutorial briefly goes over the options dialog, and discusses the application options available to users.



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MarcEdit Z39.50 Client

Search Mode
Batch Mode
Modify Databases
Set Options
About Client

Query Database:
CSIC

Search: Title

Options:

- Select Database
- Edit Settings
- Retrieve Unicode

Results:

ID	Title	Database

2

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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 (INNOV...	Z39.50
3	OCLC Cataloging Service	Z39.50
4	CSIC	Z39.50

Select Resource

3

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Database Properties

Database Properties | Advanced Properties

Name: CSIC

Host: aleph.csic.es

Database: MAD01

Port: 9909

Syntax: **MARC21**

Username:

Password:

Override pause (6 secs.)

Show Database

Save Close

4a

4b

Syntax: XML

MARC21
USMARC
XML

Save Close

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Database Properties

Database Properties | Advanced Properties

Z39.50 Attribute 4: Structure

Author:

Title:

Phrase
Word
Key
Year
Date
Word List
Normalized

Other Options:

Element Set:

Full
Brief

Save Close

5

Database Properties

Database Properties | Advanced Properties

Subject:

ISBN/ISSN:

Other Options:

Element Set:

Full
Brief

More information:
<http://www.loc.gov/z3950/agency/defs/bib1.html>

Save Close

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MarcEdit Z39.50 Client

Search Mode
Batch Mode **6a**
Modify Databases
Set Options
About Client

Query Database: CSIC

Search: Contributions to morphometrics Title

Options
Select Database
Edit Settings
 Retrieve Unicode

Results
2 records were located – 2 were retrieved.

ID	Title	Database
0	Contributions to morpho...	CSIC
1	Contributions to morpho...	CSIC

Clear Results

6b

7a

View MARC Record

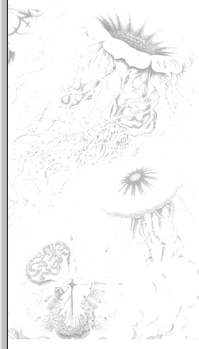
Download Record
Close

Save File: C:\002_projekte\EU_BHL-Europe_Proposal\bhl... Append

```

=LDR 01275nam 2200397 1 4500
=001 CSIC000378334
=005 20000501070000.0
=008 930623s1993\Wesp\|||||0000\0\engld
=019 \SaM-93-11292
=020 \Sa84-00-07353-3
=040 \SaGIRB(C$bspa$c-VL
=080 24Sa881.3
=080 24Sa57.087
=080 24Sa519.22
=100 1\SaMarcus, Leslie F.
=245 10SaContributions to morphometrics /ScEdited by Leslie F. Marcus, Elisa Bello, Antonio Garc
[roommaa]a-Valdecasas.
#260 \SaMadrid :SbMuseum Nacional de Ciencias Naturales, C.S.I.C.,Sc1993.
=300 \Sa264 p.
=440 \SaMonograf[roommaa]as (Museo Nacional de Ciencias Naturales)$v8
=500 1\SaContiene disquete
=650 4\SaOrdenadores.
=650 4\SaBiometri[roommaa]a
=650 4\SaMorfolog[roommaa]a$XM(caron)todos estad[roommaa]sticos.
=700 1\SaBello Rojo, ElisaSeed. lit.
=700 1\SaGarc[roommaa]a-Valdecasas, AntonioSeed. lit.
=852 \SbADScBIBShX-6-1385oBOOK
=852 \SbCASHAA-525oBOOK
=852 \SbCNSH6-6474oBOOK
=852 \SbCNSREFSH.C. 4-1-15oBOOK
=852 \SbDTScGENSh59/MARSoBOOK
=852 \SbEZSh57 MARCUS R.7890oBOOK
=852 \SbGEScPALSh57.018 CONSoBOOK
=852 \SbPSh22-E-115oBOOK
=852 \SbJESh881.3 MARSoBOOK
=852 \SbPRShVIII.0.1455oBOOK
=852 \SbTNScDEUSHDEU/176440SoBOOK

```



View MARC Record

Download Record
Close

Save File: C:\002_projekte\EU_BHL\

```
<?xml version="1.0" encoding="ISO-8859-1"
<!DOCTYPE dublin-core-simple [
<!-- Dublin Core Version 1.1 -->
<!-- Based on CIMI Guide to Best Practices -->
<!-- ELEMENT record-list (dc-record*) -->
<!-- ELEMENT dc-record (title | creator | subject |
| date | type | format | identifier | source |
| publisher | relation | coverage | rights) -->
<!-- ELEMENT title (#PCDATA) -->
<!-- ELEMENT creator (#PCDATA) -->
<!-- ELEMENT subject (#PCDATA) -->
<!-- ELEMENT description (#PCDATA) -->
<!-- ELEMENT publisher (#PCDATA) -->
<!-- ELEMENT contributor (#PCDATA) -->
<!-- ELEMENT date (#PCDATA) -->
<!-- ELEMENT type (#PCDATA) -->
<!-- ELEMENT format (#PCDATA) -->
<!-- ELEMENT identifier (#PCDATA) -->
<!-- ELEMENT source (#PCDATA) -->
<!-- ELEMENT language (#PCDATA) -->
<!-- ELEMENT relation (#PCDATA) -->
<!-- ELEMENT coverage (#PCDATA) -->
<!-- ELEMENT rights (#PCDATA) -->
-->
</?xml>
```

View MARC Record

Download Record
Close

Save File: C:\002_projekte\EU_BHL-Europe_Proposal\bhl_i Append

```
<record-list>
<dc-record>
<type>text</type>
<language>eng</language>
<identifier>84-00-07353-3</identifier>
<contributor>Marcus, Leslie F.</contributor>
<title>Contributions to morphometrics </title>
<publisher>Museo Nacional de Ciencias Naturales, C.S.I.C.</publisher>
<date>1993.</date>
<format>264 p.</format>
<relation>Monografias (Museo Nacional de Ciencias Naturales)</relation>
<description>Contiene disquete</description>
<subject>Ordenadores.</subject>
<subject>Biometria.</subject>
<subject>Morfología Métodos estadísticos.</subject>
<contributor>Bello Rojo, Elisa</contributor>
<contributor>García-Valdecasas, Antonio</contributor>
<subject>X-6-138</subject>
<subject>AA-52</subject>
<subject>6-6474</subject>
<subject>B.C. 4-f-1</subject>
<subject>59/MAR</subject>
<subject>57 MARCUS R.7890</subject>
<subject>57.018 CON</subject>
<subject>22-E-11</subject>
<subject>681.3 MAR</subject>
<subject>VIII.9.145</subject>
<subject>DEU/176440</subject>
</dc-record>
</record-list>
```

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Save File:

Speichern in: marcedit

conritomorpho00marcus

↑ 8

Dateiname:

Dateityp: MARC Files (*.mrc)

Speichern
Abbrechen

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The image shows two software windows. The 'MARC Tools' window has 'Input File' and 'Output File' fields set to 'C:\002\proyecto\EU_BHL-Europe_Proposal\bhl_input\marcedit\conritomorph00marcus.mrc' and 'C:\002\proyecto\EU_BHL-Europe_Proposal\bhl_input\marcedit\conritomorph00marcus.xml' respectively. It lists functions like MarcBreaker, MarcMaker, and XML conversions. The 'MarcEdit By Terry Reese' window shows a FAQ section with an arrow labeled '8' pointing to the 'MARC=>MARC21XML' entry, which states: 'Converts MARC data to the U.S. Library of Congress MARC21Slim format.'

The image displays XML code for MARC data fields and record lists. A yellow arrow labeled '9a' points to a datafield tag '080' with subfields 'a' and 'c'. A second yellow arrow labeled '9b' points to a record list entry for 'Contributions to morphometrics'.

```

25 <marc:subfield code="a">S17.08</marc:subfield>
26 </marc:datafield>
27 <marc:datafield tag="080" ind1="2" ind2="4">
28 <marc:subfield code="a">519.22</marc:subfield>
29 </marc:datafield>
30 <marc:datafield tag="100" ind1="1" ind2=" " >
31 <marc:subfield code="a">Marcus, Leslie F.</marc:subfield>
32 </marc:datafield>
33 <marc:datafield tag="245" ind1="1" ind2="0">
34 <marc:subfield code="a">Contributions to morphometrics </marc:subfield>
35 <marc:subfield code="c">Edited by Leslie F. Marcus, Elisa Bello, Antonio
36 García-Valdecasas.</marc:subfield>
37 </marc:datafield>
38 <marc:datafield tag="260" ind1=" " ind2=" " >
39 <marc:subfield code="a">Madrid :</marc:s
40 <marc:subfield code="b">Museo Nacional d
41 <marc:subfield code="c">1993.</marc:subf
42 </marc:datafield>
43 <marc:datafield tag="300" ind1=" " ind2=" " >
44 <marc:subfield code="a">264 p.</marc:sub
45 </marc:datafield>
46 <marc:datafield tag="440" ind1=" " ind2="0">
47 <marc:subfield code="a">Monografías (Museo
48 Naturales) </marc:subfield>
49 <marc:subfield code="v">8</marc:subfield
50 </marc:datafield>
51 <marc:datafield tag="500" ind1=" " ind2="1">
52 <marc:subfield code="a">Contiene disquet
53 </marc:datafield>
54 <marc:datafield tag="650" ind1=" " ind2="4">
55 <marc:subfield code="a">Ordenadores.</mar
56 </marc:datafield>
57 <marc:datafield tag="650" ind1=" " ind2="4">
58 <marc:subfield code="a">Biometría.</marc:
59 </marc:datafield>
</record-list>
<dc:record>
<type>text</type>
<language>eng</language>
<identifier>84-00-07353-3</identifier>
<contributor>Marcus, Leslie F.</contributor>
<title>Contributions to morphometrics </title>
<publisher>Museo Nacional de Ciencias Naturales, C.S.I.C.</publisher>
<date>1993.</date>
<format>264 p.</format>
<relation>Monografías (Museo Nacional de Ciencias Naturales)</relation>
<description>Contiene disquete</description>
<subject>Ordenadores.</subject>
<subject>Biometría.</subject>
<subject>Morfología Métodos estadísticos.</subject>
<contributor>Bello Rojo, Elisa</contributor>
<contributor>García-Valdecasas, Antonio</contributor>
<subject>X-6-138</subject>
<subject>AA-52</subject>
<subject>8-6474</subject>
<subject>B C. 44-1</subject>
<subject>59/MAR</subject>
<subject>57 MARCUS R 7890</subject>
<subject>57 018 CON</subject>
<subject>22-E-11</subject>
<subject>681.3 MAR</subject>
<subject>VIII,9,145</subject>
<subject>DEU/178440</subject>
</dc:record>
</record-list>
    
```

The image shows two side-by-side windows of the MarcEditor application. The left window, titled 'MarcEditor: books.mot', is labeled '10a' and contains a MARC record for a book. The right window, titled 'MarcEditor: serials.mot', is labeled '10b' and contains a MARC record for a serial. Both records are in MARC21 format and include fields for LDR, 008, 010, 040, 020, 041, 050, 090, 049, 1xx, 245, 246, 250, 260, 300, 4xx, 5xx, 6xx, 7xx, and 8xx. The 008 field in the serials record includes a date and a frequency code. The 041 field in the serials record includes a language code. The 050 field in the serials record includes a subject code. The 090 field in the serials record includes a call number. The 049 field in the serials record includes a volume number. The 1xx field in the serials record includes a title. The 245 field in the serials record includes a title and subtitle. The 246 field in the serials record includes an alternate title. The 250 field in the serials record includes a series title. The 260 field in the serials record includes a publication statement. The 300 field in the serials record includes a description of the material. The 4xx field in the serials record includes a note. The 5xx field in the serials record includes a note. The 6xx field in the serials record includes a note. The 7xx field in the serials record includes a note. The 8xx field in the serials record includes a note.

10a MarcEditor: books.mot

```

=LDR 00000nam 2200000la 4500
=008 YMMDD?DAT1\\\CNT\\\0000\0LNGld
=010 \\$a
=040 \\$a
=020 \\$a
=041 ?\ $a $h $b
=051 ?\ $a $b
=090 \\$a $b
=049 \\$a
=1xx ?\ $a
=245 ?? $a $b $c
=246 ?? $a
=250 \\$a
=260 \\$a $b $c
=300 \\$a $b $c
=4xx ?? $a $v
=5xx ?\ $a
=6xx ?? $a
=7xx ?? $a
=8xx ?? $a

```

10b MarcEditor: serials.mot

```

=LDR 00000nas 2200000la 4500
=008 YMMDDcDAT19999CNT??\?\\\0LNGld
=010 \\$a
=040 \\$a $c
=020 \\$a
=041 ?\ $a $h $b
=050 ?\ $a $b
=090 \\$a $b
=049 \\$a
=1xx ?\ $a
=2xx ?? $a
=245 ?? $a $b $c
=246 ?? $a
=260 \\$a $b $c
=300 \\$a $b $c
=362 ?\ $a
=5xx ?\ $a
=6xx ?? $a
=7xx ?? $a

```

C:\Dokumente und Einstellungen\ait011a\Anwendungs...

C:\Dokumente und Einstellungen\ait011a\Anwendungsdata...

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