THE "ABC" OF MARCEDIT

Mini-Workshop Handout

This hands-on tutorial will provide instructions on how to import/export records, build/edit/manipulate data using MarcEdit.

EXERCISE 1: Z39.50

Step 1: Create Z39.50 database

Open MarcEdit (Desktop Shortcut) -→ Click on Z39.50/SRU Client icon → Click on Actions (Top left corner) → Select Add new Z39.50 server.

(In case you don't find the corresponding icon, click on ⚙ to select/deselect MarcEdit function on the main page.)

Name	Host	Database	Port	Syntax
LAU Libraries	Z3950.lau.edu.lb	Default	2220	MARC21

Fill all the above data into the Database settings and save.

Step 2: Search

Search for any keyword in the search box (you can either search by title, Author, subject, etc...) Under options, select LAU Libraries database. (Make sure that UTF8 is selected under Server Character set).

Once search is performed, download all items into Desktop folder MarcEdit Demo\Z3950\File1 and click save.

EXERCISE 2: MARC SPLIT & MARC JOIN

MarcSplit:

Open MarcEdit (Desktop Shortcut) → Click on MARCSplit icon → Choose source file by browsing to Desktop\ MarcEdit Demo \Z3950\file1.mrc

(In case you don't find the corresponding icon, click on ⚙ to select/deselect MarcEdit function on the main page.)

Choose destination folder by browsing to Desktop\MarcEdit Demo\MarcSplit
Under options, select 10 records per file divided into 5 files.

MarcJoin:

Open MarcEdit (Desktop Shortcut)→ Click on MARCJoin icon → Choose save file (Destination) by browsing to Desktop\ MarcEdit Demo \MarcJoin and name your file "joinedfile".
(In case you don't find the corresponding icon, click on 🔧 *to select/deselect MarcEdit function on the main page.)*

Under file(s) to join, go to Desktop\ MarcEdit Demo \MarcSplit and select files to join and click process.
The MarcJoin utility will join the files into one labeled "joinedfile" in Desktop\ MarcEdit Demo \MarcJoin.

EXERCISE 3: OAI-PMH HARVEST

Step 1: Add Harvest OAI Data

Open MarcEdit (Desktop Shortcut) -→ Click on Harvest OAI Records icon → Fill the below data.
(In case you don't find the corresponding icon, click on 🔧 *to select/deselect MarcEdit function on the main page.)*

Server Address	Set Name	Metadata Type
https://laur.lau.edu.lb:8443/oai/request	col_10725_2071	Dublin Core

Under Advanced Settings Tab, tick on "Harvest Raw Data (save OAI data to local file system)
Under Home Tab, in the Save Folder, browse to Desktop\ MarcEdit Demo \OAI Harvest.

Click OK. Output will be in XML format saved in the OAI Harvest folder.

EXERCISE 4: DELIMITED TEXT TRANSLATOR

Open MarcEdit (Desktop Shortcut) -→ Export Tab Delimited Text icon → Choose Source File and browse to Desktop\ MarcEdit Demo \Delimited Text Translator\Delimited Text Translator template.xlxs (Select all files to view the Excel).
(In case you don't find the corresponding icon, click on 🔧 *to select/deselect MarcEdit function on the main page.)*

Save the output file into Desktop\ MarcEdit Demo \Delimited Text Translator folder by naming it **Del-Text-Trans**. The file saved will be in mrk format.

Click Next.

Select Field 0 and map it to 100$a with indicators 1 and 0 and click add Argument
Select Field 1 and map it to 245$a with indicators 1 and 0 and click add Argument
Select Field 2 and map it to 260$c with Term. Punctuation (.) and click add Argument

Click Finish. Check the created mrk file in Desktop\ MarcEdit Demo \Delimited Text Translator folder labeled Del-Text-Trans.mrk

EXERCISE 5: MERGE RECORDS

Open MarcEdit (Desktop Shortcut) -→ Merge Records icon.
(In case you don't find the corresponding icon, click on ⚙ to select/deselect MarcEdit function on the main page.)

Choose **Source File** and browse to Desktop\ MarcEdit Demo \Merge Records\Source File.mrk.
Choose **Merge File** and browse to Desktop\ MarcEdit Demo \Merge Records\Merge File.mrk.
Choose **Save File** and browse to Desktop\ MarcEdit Demo \Merge Records\ and name the file "Merged File"

Keep the Record identifier to 001 and click Next.
Select fields 035, 041, 049, 952 and click next.

Go to Desktop\ MarcEdit Demo \Merge Records\Merged file.mrk and check the merged fields.

EXERCISE 6: BATCH PROCESS RECORDS

Open MarcEdit (Desktop Shortcut) -→ Batch Process Records icon.
(In case you don't find the corresponding icon, click on ⚙ to select/deselect MarcEdit function on the main page.)
Choose **Source Directory** and browse to Desktop\ MarcEdit Demo \Batch Process Records folder.
In **File Types**, write the extension of the input file, MRC.
In **Function**, select From MARC to MARCXML
Click Process.

A new folder labeled **processed_files** will be created containing the corresponding XML files.

********End of workshop********