The “ABC” of MarcEdit

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Outline

- MarcEdit Biography
- Basic Functions and Tools
- MarcNext
- ILS and OCLC Integration
- Live Demo
MarcEdit Biography

- Freeware developed by Terry Reese in 1999 (Oregon State University)
- Initiated from a cataloguing clean up (bulk) project
- Works within a very heterogeneous metadata environment
- Compatible with Windows/Linux/MacOS
MarcEdit Biography

- Offers modern libraries the ability to work with different formats metadata acquired from different sources.
- Capacity of manipulating data enabling librarians to make the best use of their resources.
- Multiple schema interoperability among various systems.
- Latest stable version is 7.1.
Basic Functions and Tools

Acquiring different types of metadata

MARC convert into human readable text

Data manipulation

MarcEdit

Acquire Metadata

Import/Convert MARC

Edit MARC

Export Metadata

Export human readable text to metadata schemes
Basic Functions and Tools

MARCJoin  
MARCSplit  
Merge Records  
MARCValidator  
Batch Process Records

Harvest OAI Records  
Z39.50/SRU Client  
RDA Helper  
Clustering Tools  
Delimited Text Translator
Basic Functions and Tools

- Combines separate Marc records into single file
- All the files must be in the same format .mrc
- If you are merging files already in (.mrc) format, your destination file must also be in (.mrc) format
- When the process finishes, you will receive a confirmation message in the UI screen
Basic Functions and Tools

- Splits large/Bulk MARC record file into smaller files for easier handling.
- Ability to customize your selection of (Records Per File and # of files).
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Basic Functions and Tools

- Merging additional content into existing records i.e. specific field added
- Select the field / fields you want to import under Customize Fields
- Merging options:
  - Unique data
  - All data
  - Selected fields
Basic Functions and Tools

- Validate records according to rules file (MARC21)
  - i.e. structural problems in a MARC record

- Identify invalid records
  - A mrc file labeled mrc_error.mrc will be created

- Remove invalid records
  - A mrc file labeled mrc_clean.mrc will be created
Basic Functions and Tools

- This function allows users to compile more than one file or groups of files to MARC/MARCXML in batches.

- Convert MARC records into or out of MARCXML.

- Upload source file, state the type of the file, choose function you want to undergo and process.

- Once MarcEdit is finished you will see a dialog box confirms the files have been generated.
Basic Functions and Tools

- Harvest records from sources having the Open Archives Initiative – Protocol for Metadata Harvesting (OAI-PMH) service enabled.

- Ability to harvest records from Institutional Repositories (IR) and convert to MARC to include in the library system.
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- Example of Z39.50 usage: OCLC records download from WorldCat.
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Basic Functions and Tools

- Adding RDA fields to MARC records: “Bridging the gap between AACR2 and RDA”
- It generates RDA elements not already present in the record.
- Expand abbreviations
Basic Functions and Tools

- Simple Clustering tool (not to replace OpenRefine)
- Same as deduplication
- Works on files up to 1 million records.
- Works only on MARC data

N.B.: File should be in mnemonic format (mrk)
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Basic Functions and Tools

- Map fields in a delimited text file (CSV, XLXS, TXT) into a MARC file
- Ability to save templates for later use
- Very handy tool to import data into ILS from Excel.
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Author
Title
Publication Date
MarcNext

**BibFrame Testbed**
- Marc to BibFrame conversion
- Output in RDF XML, JSON

**Link Identifiers**
- Add URI to 1xx, 6xx, and 7xx
“Initiated by the Library of Congress, BIBFRAME provides a foundation for the future of bibliographic description, both on the web, and in the broader networked world that is grounded in Linked Data techniques.”

Replace MARC
Link Identifiers

- Add Uniform Resource Identifier (URIs) to records
- Allows users to generate links to resolve access points 1XX, 6XX, and 7XX
- MarcEdit is one of the few tools the Library of Congress will allow to run in batch against their live data
Link Identifiers
ILS and OCLC Integration

ILS Integration:

- Ability to link the library system to MarcEdit where we can search, create and update local holdings
ILS and OCLC Integration

OCLC Integration:

A. Request WSKey:
   1- WorldCat Metadata API
   2- WorldCat Registry/Configuration Platform Service
   3- WorldCat Search API

B. principalID
C. principalIDDNS
D. Institution Code
<table>
<thead>
<tr>
<th>OCLC Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>426147752</td>
<td>Stigmata: escaping texts /Hélène Cixous.</td>
</tr>
<tr>
<td>1073523156</td>
<td>Stigmata: escaping texts Hélène Cixous; with a foreword by Jacques</td>
</tr>
<tr>
<td>939663256</td>
<td>Stigmata: [Elektronisk resurs].</td>
</tr>
<tr>
<td>941875874</td>
<td>Stigmata: escaping texts.</td>
</tr>
<tr>
<td>901910154</td>
<td>Stigmata: escaping texts Hélène Cixous [aut].</td>
</tr>
</tbody>
</table>
Let’s go live!
Thank You

Let's discuss further:

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