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Metadata migration to Islandora: Is there an easy way?

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Metadata Migration to Islandora: Is There An Easy Way?



Sai Deng, Lee Docson University of Central Florida Libraries

What will be covered?

OA Fast Intro to MODS

OHow does Islandora ingest data

OUCF Collections and Metadata Migration to Islandora

- O DC-MODS-MARC Transformation Challenges
- Options to Improve Metadata: XSLT Stylesheet, MODS Editing
- The Tool: Notepad++
- OPattern Identification and MODS Editing
- Olssues to Think About

OFinal thoughts

A Fast Intro to MODS

O MODS: Metadata Object Description Schema (<u>http://www.loc.gov/standards/mods/</u>)

• MODS Elements and Attributes (Version 3.4)

(http://www.loc.gov/standards/mods/mods-outline-3-4.html)

- **Root Elements:** mods, modsCollection
- **Top level elements:** titleInfo, name, typeOfResource, genre, originInfo, language, physicalDescription, abstract, tableOfContents, targetAudience, note, subject, classification, relatedItem, identifier, location, accessCondition, part, extension, recordInfo
- Attributes and subelements: for example, name has attributes: ID, type, authority etc. and subelements: namePart, affiliation, role etc.

O Conversion

- O LC MODS mappings
 - O DC to MODS 3.2/3.3/3.4 (http://www.loc.gov/standards/mods/dcsimple-mods.html)
 - MARC to MODS 3.4 (<u>http://www.loc.gov/standards/mods/mods-mapping-3-4.html</u>) (3.5 available)
 - MODS 3.4 to MARC (<u>http://www.loc.gov/standards/mods/v3/mods2marc-mapping.html</u>)

• LC MODS XSLT 1.0 Stylesheets (2.0 available)

- O DC to MODS 3.4 (<u>http://www.loc.gov/standards/mods/v3/DC_MODS3-4_XSLT1-0.xsl</u>)
- MARCXML to MODS 3.4 (http://www.loc.gov/standards/mods/v3/MARC21slim2MODS3-4.xsl)
- MODS 3.4 to MARCXML (<u>http://www.loc.gov/standards/mods/v3/MODS3-4_MARC21slim_XSLT1-0.xsl</u>)

Islandora Migration @ UCF Libraries

 Islandora is an open source Digital Asset Management System (DAMS) based on FedoraCommons (as base repository), Drupal (as front-end CMS) and solr (as discovery application).

O Islandora FLVC (Florida Virtual Campus) (https://islandora.pubwiki.fcla.edu/wiki/index.php/Main Page)

• FL-Islandora is the FLVC instance hosted for the state universities and state colleges in a collaborative environment. All decisions are made collaboratively.

OIslandora Collection and Metadata Migration @ UCF

- DigiTool collections: Political & Rights Issues & Social Movements (PRISM, available in DC format), Florida Heritage (MARCXML available)
- CONTENT dm collections: University Archives, Civil War, Harrison Buzz Price, Theses and Dissertations, UCF Community Veterans History... (in CONTENT dm DC format)
- How to prepare and work with metadata in this process?

FL-Islandora Ingest

Online ingest: choose content model and metadata form in Islandora GUI.

• Content models:

- O Unitary (one primary file, e.g. PDF files, single images);
- Compound (child objects and parent objects, for any type of related objects to display together; parent objects containing metadata only);
- Paged (hierarchical, for books, newspapers, can contain, e.g. newspaper, issue, page)

• The metadata form is created by FLVC;

• Librarians can manually input in the form; the form can pre-populate data through uploading a MARCXML file or from a template.

Batch import (Zip file importer): ingest a batch of objects through the online interface.

 Need to prepare zip file (zip the MODS metadata records and content files together, has strict rules)

FL-Islandora Ingest (Cont.)

 Offline ingest: FTP content to server and program handles ingest.

- MODS record, content files and instructions called "manifest" packaged together; program handles the FTPed content;
- Content can originally be from other systems, e.g. DigiTool,
 CONTENTdm. The ingested MODS files can be transformed from DC or
 MARCXML metadata;
- DC to MODS, MARC to MODS XSLT stylesheets are involved in the conversion;
- Offline ingest is FLVC programming, and it is not completed yet.

OFL-Islandora has been customized by FLVC and it differs from a standard Islandora installation.

• **Read more at:** <u>https://islandora.pubwiki.fcla.edu/wiki/index.php/Main_Page</u> (Find and click "<u>FL-Islandora Documentation</u>" Google doc)

FL-Islandora Ingest (Cont.)

• Final display and results:

• Brief and full record display (with file/page/image);

OMARC display (only to logged in users);

• Provide downloadable MARCXML.

OFLVC Stylesheets:

OFLVC DC to MODS

(https://github.com/FLVC/FLVC_Islandora_XSLTs/blob/master/DC2MO DS_DigiTool.xsl)

OFLVC MARC to MODS

(https://github.com/FLVC/FLVC_Islandora_XSLTs/blob/master/MARC21 slim2MODS3-4_FLVC.xsl)

OFLVC MODS to MARC

(https://github.com/FLVC/FLVC_Islandora_XSLTs/blob/master/MODS3-4_MARC21slim_XSLT1-0_FLVC.xsl)

OMARC to HTML XSLT (for web display)

DC-MODS-MARC Transformation Challenges

ODC-MODS-MARC transformation presents great challenges:

OMapping is never perfect, or adequate (not in both ways).

- The source schema (DC) has a very generic data representation;
 - DC: Only 15 elements. Has Qualifiers (but no "official" QDC-MODS stylesheet? Difficult to have one too)
- The intermediate schema (MODS) cannot get enough values from DC for elements, sub-elements and attributes;
 - MODS: 20 top level elements, many sub-elements and attributes, more granular than DC
- The target schema (MARC) does not really fit into the non-ILS type digital library environment? To keep it to enable better data sharing with an ILS?!
 - MARC 21: More granular than MODS, can have multiple MARC elements for a single MODS element

DC-MODS-MARC Transformation Challenges (Cont.)

OData ambiguity in DC-MODS mapping, for example,

DC	MODS	Notes
Title	<u><titleinfo><title></u></td><td>Subtitle undistinguished. Non-filling characters, part name and number unmarked. Title type unclear: alternative, uniform</td></tr><tr><td>Creator</td><td><pre><namePart><role><roleT erm type=text">creator</pre></td><td>Creator type unclear: personal, corporate, conference. Sub-
elements value unclear: <affiliation>, <role>, <description></td></tr><tr><td>Contributor</td><td><pre><name><namePart></pre></td><td>Name type unclear. Sub-elements value unclear.</td></tr></tbody></table></title></titleinfo></u>	

OData ambiguity in MODS-MARC mapping, for example,

MODS	MARC	Notes
<title> with no <titleInfo> type
attribute
<subTitle></td><td>245 \$a with ind1=1
245 \$b</td><td>Title types (alternative, translated, uniform)
undistinguished;
Unable to distinguish subtitle (if source data is
from DC).</td></tr><tr><td><name> with no type attribute</td><td>720 ind1=blank ind2=blank
(uncontrolled)</td><td>Authority control is not specified (when names are controlled). Cannot distinguish 1XX/7XX.</td></tr><tr><td><name> with type="personal"
roleterm "creator"</td><td>100 ind1=1 ind2=blank</td><td>Not able to get name types from DC. Type value
can be added. However, DC can have 1 creator,
2 or more creators in one record; when mapped
to MARC, 100/700 can be problematic (unless we
only take the first creator as the main author
and define it in the stylesheet).</td></tr><tr><td><name> with type="personal,"
no roleterm "creator"</td><td>700 ind1=1 ind2=blank</td><td>The main author or all author names might not
have the roleterm "creator." When mapping to
MARC, the 100/700 relationship is not clear.</td></tr></tbody></table></title>		

DC-MODS-MARC Transformation Challenges (Cont.)

OElement relationship (DC-MODS-MARC conversion)

- Relationship between different authors: can not distinguish between 1XX(main entry, such as 100 Personal Name, 110 Corporate Name, 111 Meeting Name), and 7XX(added entry, such as 700, 710, 711);
- Author and title relationship: cannot generate correct indicators for 1XX and 245 (title) based on whether the author is the main entry;
- Subject relationships: unable to divide geographic, temporal, topical and genre subdivisions.

OLocal elements

- Many local elements for the collections (to be discussed. e.g. for University Archives, Civil War, Harrison Buzz Price, UCF Community Veterans History...)
- •Can add local elements extensions, but it can cause difficulty in data sharing across collections and systems.

DC-MODS-MARC Transformation Challenges (Cont.)

- The LC DC-MODS and MODS-MARC stylesheets are impossible to produce adequate or desirable output (in nature), but what can be done to improve the results?
 - On the consortia level
 - O DC-MODS
 - PURL (check for PURL, add one if none exist) (FLVC implemented)
 - Local elements: DigiTool pid (FLVC implemented)
 - ETD elements (to be added as a MODS extension)
 - MODS-MARC: Many changes have already been made to the LC stylesheet by FLVC before the UCF library started its migration, e.g.
 - Map MODS issuance to MARC 250, map typeOfResource to 998 77 \$b (so will be Mango format facet), map sublocation to 852 \$b, punctuate 260 and all main and added entry fields.
 - See: <u>https://github.com/FLVC/FLVC_Islandora_XSLTs/blob/master/MODS3-</u> 4_MARC21slim_XSLT1-0_FLVC.xsl
 - Read more and check updates at: <u>https://islandora.pubwiki.fcla.edu/wiki/index.php/Main_Page</u>
 - Individual libraries can have their local stylesheets.

PRISM Collection at UCF Libraries

OPolitical & Rights Issues & Social Movements (PRISM) collection: Part

of the PALMM (Publication of Archival Library & Museum Materials).

MEANING SOVIET TRIALS	Title Creator	The meaning of the Soviet trials Yaroslavskii, Emel'ian 1876-1943 Bukharin, Nikolai Ivanovich 1888-1938 of Foster, William Z. 1881-1961 Yaqoda, Genrikh Grigorévich 1891-193		
	Subject(s)	Rykov, Aleksei Ivanovich 1881-1938 de Bukharin, Nikolai Ivanovich 1888-1938 - Trials (Political crimes and offenses) F	Trials, Itigation, etc	
	Description	46, [1] p. ; 19 cm.		
	Publisher	New York : Workers Library Publishers		
	Date	1938		
	Туре	Book		
	Source	http://ucf.catalog.fcla.edu/permalink.jsp?	29CF000388014	
	Language	English		
	Rights		ective holding institution. This image is posted publicly for non-profit educational uses, excluding printed publication. For permission to reproduce images Special Collections and University Archives, University of Central Florida Libraries, (407) 823-2576. http://library.ucf.edu/SpecialCollections/	
	Physical Location	UCF Libraries Special Collections - 5th I	Floor HX15.V35 no.829	
	Identifier	DP0000635.pdf		
	PID	671335		A PRISM
	Number of views	29		record in DigiTool:
	Related collections	All Collections > PRISM - Political & Rig	Ihts Issues & Social Movement	http://pur
		Items by Contributor > University of Ce	ntral Florida Libraries	vc.org/FCL
		Collections by Media > Text > PRISM -	Political & Rights Issues & Social Movement	DT/671335
		Collections by Type > Books > PRISM	- Political & Rights Issues & Social Movement	
		Collections by Topic > History > PRISM	N - Political & Rights Issues & Social Movement	

g/FCLA/

The DigiTool DC File

```
<?xml version="1.0" encoding="UTF-8"?>
<record xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:dcterms="http://purl.org/dc/terms/"
xmlns:de="http://purl.org/dc/elements/1.1/">
   <dc:title> The meaning of the Soviet trials</dc:title>
    <dcterms:alternative/>
    <dcterms:alternative/>
   <dcterms:alternative/>
    dc:creator>Yaroslavskii, Emel'ian 1878-1943 </dc:creator>
   <dc:creator>Bukharin, Nikolai Ivanovich 1888-1938 defendant</dc:creator>
   <dc:creator>Foster, William Z. 1881-1961</dc:creator>
    cdc:creator>Yagoda, Genrikh Grigorévich 1891-1938 defendant</dc:creator>
   dc:subject Bukharin, Nikolai Ivanovich 1888-1938 -- Trials, litigation,
      etc</dc:subject>
   <dc:subject>Trials (Political crimes and offenses) -- Russia (Federation) --
       Moscow < dc:subject>
    dc:subject/2
   <dc:subject/>
   <dc:subject/>
   <dc:subject/>
   <dc:subject/>
   cdc:description>46, [1] p. ; 19 cm.</dc:description>
   <dc:description/>
   @dc:publisher>New York : Workers Library Publishers</dc:publisher>
   <dc:contributor/>
   <dc:contributor/>
   <dc:contributor/>
   <dc:contributor/>
   <dc:contributor/>
   <dc:date>1938</dc:date>
   <dc:type>Book</dc:type>
   <dc:identifier>DP0000635.pdf</dc:identifier>
   <dc:source>http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014</dc:source>
   <dc:language>English</dc:language>
   <dc:language/>
   <dc:rights>All rights to images are held by the respective holding institution. This
      image is posted publicly for non-profit educational uses, excluding printed
      publication. For permission to reproduce images and/or for copyright information
      contact Special Collections and University Archives, University of Central Florida
      Libraries, (407) 823-2576. http://library.ucf.edu/SpecialCollections/</dc:rights>
   Conterms:physicalLocation>bCF Libraries Special Collections - 5th Floor -- HX15.V35
      no.829</dcterms:physicalLocation>
```

</record>

dc:title (1. If subtitle available, will be in the same field)

dc:creator (5. Their relationship unknown, name year and role undifferentiated)

dc:subjects (2. Subdivisions not available. 5 empty subject fields can be disregarded)

dc:description (physical description is not distinguished from general description)

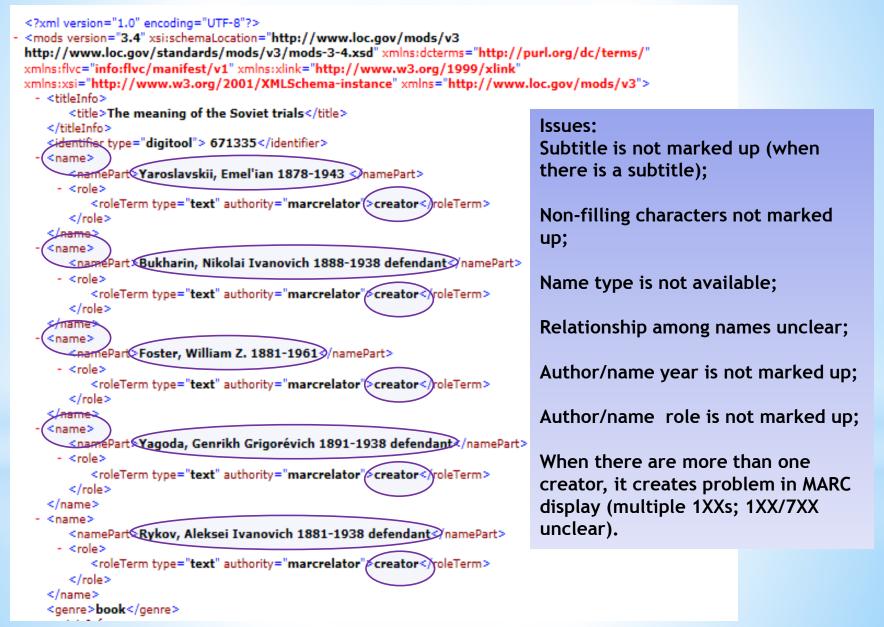
dc:publisher (place and publisher mixed together)

dc:date (unclear what type of date)

dcterms:physicalLocation (impossible to distinguish location and call number)

Wrapped in <xb><md><value> in the DigiTool generated file

Converted MODS (initial test)



Converted MODS (initial test, cont.)

 <origin1nto></origin1nto> 		
<pre>opublisher>New York : Workers Library Publishers> <dateissued encoding="w3cdtf" keydate="yes">1938</dateissued></pre>	Issues:	
	Place and Publisher ca	annot be
 <language> <languageterm type="text">English</languageterm> </language> 	distinguished in <publ< th=""><th>isher>;</th></publ<>	isher>;
	Dhusiaal description is	
<note>46, [1] p. ; 19 cm.</note>	Physical description is	under
- <subject></subject>	<note>;</note>	
Stopic>Bukharin, Nikolai Ivanovich 1888-1938 Trials, litigation, etc>>		
	Subject subdivisions n	ot
- <subject></subject>	available;	
<topic>Trials (Political crimes and offenses) Russia (Federation) Moscow<th>available,</th><th></th></topic>	available,	
- <relateditem type="original"></relateditem>	Links may need some	
- <location></location>	explanation (for the p	ublic);
<url>http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014</url>		,,
	Dhusicall costion has y	a to a d
<identifier type="uri">http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014<th></th><th>nixed</th></identifier>		nixed
	information.	
- <location></location>		
ophysicalLocation>UCF Libraries Special Collections - 5th Floor HX15.V35 no.829	physicalLocation>	
 <location displaylabel="purl"></location> 		
<url> http://purl.flvc.org/FCLA/DT/671335</url>		
<accesscondition>All rights to images are held by the respective holding institution. This non-profit educational uses, excluding printed publication. For permission to repro- copyright information contact Special Collections and University Archives, Universit Libraries, (407) 823-2576. http://library.ucf.edu/SpecialCollections/<typeofresource>still image</typeofresource></accesscondition>	luce images and/or for y of Central Florida	

Converted MARC (initial test)

Leader	^^^^^nkm^^22^^^^^uu^4500
800	^^^^^s1938^^^^^^ eng
035	## a (digitool) 671335
035	## a (IID)CFDT671335
035	## a (fedora)ucf:776
245	00 a The meaning of the Soviet trials.
260	## b New York : Workers Library Publishers, c 1938
380	#7 a book
500	## a 46, [1] p. ; 19 cm.
	## http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014
	## a All rights to images are held by the respective holding institution. This image is posted publicly for non-profit educational uses, excluding printed publication. For permission to reproduce images and/or for copyright information contact Special Collections and University Archives, University of Central Florida Libraries, (407) 823-2576. http://library.ucf.edu/SpecialCollections/
650	14 a Bukharin, Nikolai Ivanovich 1888-1938 Trials, litigation, etc
650	14 a Trials (Political crimes and offenses) Russia (Federation) Moscow
720	## a Yaroslavskii, Emel'ian 1878-1943 , e creator
720	## a Bukharin, Nikolai Ivanovich 1888-1938 defendant, e creator
720	## a Foster, William Z. 1881-1961, e creator
720	## a Yagoda, Genrikh Grigorévich 1891-1938 defendant, e creator
	## a Rykov, Aleksei Ivanovich 1881-1938 defendant, e creator
	## a UCF Libraries Special Collections - 5th Floor HX15.V35 no.829
	40 u http://purl.flvc.org/FCLA/DT/671335
	## a owningInstitution="UCF", submittingInstitution="UCF", source="digitool", admin_unit="FCL01", ingest_id="ing5109", creator="creator:CBILODEAU", creation_date="2010-03-04 09:48:01", modified_by="creator:CBILODEAU", modification_date="2010-03-04 09:48:18"
998	77 b still image

 A MARC display generated from the initially converted MODS (through MODS-MARC stylesheet)

• A question: Which way is preferable: a generic **MODS-MARC** mapping (such as all names mapped to 720, uncontrolled name), or a granular mapping (names mapped to 100/110/111/700/710/ 711, but with only the majority of the records correctly marked up based on data patterns prior to manual editing)?

Converted MARC (initial test, Cont.)

○ Issues (in the initial test):

Information not mapped to the most accurate field:

- The main author/creator is mapped to 720, which should go to 100. (LC DC-MODS-MARC stylesheets map all names to 720 to accommodate all types of names, e.g., controlled and uncontrolled, person/corporate/conference)
- Additional authors/creators and contributors are mapped to 720, which should go to 700. (Impossible for LC DC-MODS stylesheet to distinguish between main entries and added entries)
- Physical descriptions mapped to note (500 etc.), but not 300. (Physical and other descriptions are not distinguished in DC.)

• Indicator problems:

- Non filling characters need to be identified. (LC DC-MODS-MARC stylesheets do not take care of non-filling characters)
- First indicator for 245, 100, 700 need to be corrected. (LC DC-MODS-MARC stylesheets do not deal with the relationship between title and author, main entry and added entries)

• Subfield problems:

- The publisher place should be mapped to 260 | a, not | b. (LC DC-MODS-MARC stylesheets do not distinguish publication place from the publisher)
- For all the creators/authors/names, the year range need to be under |d, role needs to be under |c.
- The stylesheets are unable to distinguish the subtitle (245 |b) from title (245 |a).

O Inadequate information:

- The collection name needs to be preserved (if possible) in 830 0.
- The stylesheets are unable to produce a 245 |c. Even we may bypass 245 |c due to the inadequate dc records info, we need to correct 245 |b.

Options to Improve Metadata: XSLT customization

- Can have customized XSLT stylesheets, but it will require an environment to test and run the code on the data source, and preferably, a programmer.
 - O DC-MODS and MODS-MARC stylesheets Adjustments (Some possible ideas)
 - Adjust the main entry and added entry (1XX, 7XX) logic. Map the first name to 1XX (Element Positioning), other names to 7XX. However how do you know if it's a person (100/700), an organization (110/710) or a conference (111/711)?
 - Apply data patterns and automatically distinguish and mark up personal, corporate and conference name types (may cover the majority of the situations, but impossible to make all records right. Need review);
 - Generate mark-up code for name year and role based on data patterns for year and role terms;
 - Generate mark-up code for subtitles based on whether a ":" exists in the title;
 - Generate mark-up code for publication place based on whether a ":" exists in the publisher field;

Options to Improve Metadata: XSLT customization (Cont.)

- To identify field relationships and have the right indicators for 100 and 245 based on "if an author exists."
- Other adjustments: mark up non-filling characters...

ONeed comprehensive review of the results!

• Some of these adjustments cannot produce one hundred percent correct results (because not all data can fall into a pattern); it might not be realistic to apply them to a national or consortia level stylesheet. They seem to be more feasible on a library collection level. However, what do you think?

OMARC-MODS, MODS-MARC stylesheets

- MARC-MODS conversion produces much better results (e.g. for the Florida Heritage collection in DigiTool). However, a question on local subjects was raised because MARC-MODS XSLT does not take local subjects (690).
- Subject mapping change (by FLVC)
 - O MARC-MODS: Mapped local 690 to <subject><topic>
 - O Added subject authority "sears": 6XX _8 mapped to <subject authority="sears">
 - O MODS-MARC: <subject authority="sears"> mapped to 6XX _8

Options to Improve Metadata: MODS Editing

- O Post-transformation MODS Editing
- O FLVC recommended Notepad++ for MODS editing

○ Notepad++

- Free text and source code editor for Windows
- Can be downloaded at: <u>http://notepad-plus-plus.org/</u>
 - O Download Executable zip file and install

• Some characteristics:

- Set different languages (XML, HTML, CSS, PHP, Java...)
- O Syntax color coding
- Tree view of the files and folders
- Enable tag autocompletion (in set preference)
- Can open, save and close multiple files at one time (save all, close all...)
- Plug in: download plug in, such as ftp, XML tools
- Editing: Find, replacement, can use regular expressions, macros...
- Check xml for well-formedness, validate against xml schema
- PRISM collection: Edited and marked up 847 MODS XML records using Notepad++ which were generated from Dublin Core (DC).

MODS Editing: Distinguish between the Main Entry and Added Entries

- When there are more than one creator (<name><role><roleTerm> with type="text" value "creator," or, <name><role><roleTerm> with type="code" value "cre"), there can be multiple 100s. However 100 is not repeatable.
- Only keep the first creator marked up with "creator" or "cre" in MODS file, and change the other name types to "contributor." Or just leave the other names' types blank (depending on the logic in the stylesheet).

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683749.xml - Notepad ++	
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?	X
C 🔒 🗄 🔁 S To 😂 🎸 To 🌔 🤉 😋 🗰 🍢 🔍 🔍 To To To To To To To	
े	
	33/43xml CFU12683/45xml CFU12683/45x
1 xml version="1.0" encoding="UTF-8"?	
2 cmods xmlns="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-1 Find	
3	Replace Findin Files Mark
5 -	
6 A <identifier type="digitool"></identifier>	Find what : Find what : Find Next
7 - 2683749	
8 - <name></name>	Count
9 <pre>9 <pre>commeFart>Stalin, Joseph</pre>/namePart><namepart type="date">1079-1953</namepart></pre> /namePart>	Find All in All Opened
10 <role></role>	Documents
11 <pre><roleterm authority="marcrelator" type="text">creator</roleterm></pre>	Find All in Current
	Match whole word only Document
	Match case Close
14 Came>	Wrap around
15 <pre><namepart>Wells, H. G. (Herbert George)</namepart><namepart type="date">1866-1946</namepart></pre>	arch Mode Direction ITransparency
	Extended (\n, \r, \t, \0, \x) Omn Always
Find result - 976 hits	
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683749.xml (2 hits)	Find what:
Line 11: <roleterm authority="marcrelator" type="text">creator<td></td></roleterm>	
Line 17: <roleterm authority="marcrelator" type="text">creator</roleterm>	
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683751.xml (4 hits)	
Line 11: <roleterm authority="marcrelator" creator<="" roleterm="" type="text"></roleterm>	
Line 17: <roleterm authority="marcrelator" type="text">creator</roleterm>	When there are more than "1 hit" (1
Line 23: <roleterm authority="marcrelator" type="text">creator</roleterm>	
Line 29: <roleterm authority="marcrelator" type="text">creater</roleterm>	
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683753.xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	creator) in a record, keep the first creator
Line 11: <roleterm authority="marcrelator" creator<="" roleterm="" type="text"></roleterm>	, , , ,
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683755.xml_1_hit) Line 11: <roleterm authority="marcrelator" type="text">creator</roleterm>	"creator," change the others to
<pre>Line 11: <roleterm authority="marcrelator" type="text">creator</roleterm> C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT2683757.xml (2 hits)</pre>	creator, change the others to
Line 14: <roleterm authority="marcrelator" type="text">creator</roleterm>	"constraint on a constraint on a constraint of the second se
- Line 20: <roleterm authority="marcrelator" type="text">creator</roleterm>	"contributor" or leave them un-marked-up.
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT2683759.xml (1 hit)	
Line 11. //rolaTarm tures"text" authoritus"marcralstor"/rolaTarm	

MODS Editing: Identify Pattern and Mark Up Data (Year)

• Year pattern: yyyy-yyyy; yyyy- yyyy; yyyy-; yyyy; b. yyyy

(Find pattern by searching <namePart> in Notepad++ and sort the results in a spreadsheet)

O Mark-up editing, for example:

<name>

```
<namePart>De Leon, Daniel 1852-1914</namePart>
```

•••

</name>

```
Replace with:
```

<name>

```
<namePart>De Leon, Daniel</namePart>
<namePart type="date">1852-1914</namePart>
...
</name>
```

- Use Regular Expression in Notepad++ to perform find/replacement function and mark up the year;
- () is used to tag a match. Tagged matches can be referred to as \1, \2 etc.

Find What: ([0-9]+)-([0-9]+)</namePart>

Replace with: </namePart><namePart type="date">\1-\2</namePart>

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212128.xml - Notepad++ File Edit Search View Encoding Language Settings Macro Run Plugins Window ?						
CFDT212128xml 🛛 🗄 CFDT212130xml 🗵 📇 CFDT246063xml 🗵 📇 CFDT247096xml 🗵 📇 CFDT247111xml 🗵 🔚 CFDT326838xml 🗵 📇 CFDT331852xml 🗵 📇 CFDT331853xml 🗵 📇 CFDT331854xml 🗵						
1 <2xml version="1.0" encoding="UTF-8" 2 - <mods <="" td="" xmlns="http://www.loc.gov/mods/v3" xmlns:flvc="info:flvc/manifest/v1" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> 3 - 4 <title>?What means this strike? address delivered by Daniel De Leon in the City Hall of New Bedford, Massachusetts, February 11, 1898.</title></mods>						
<pre>5 - 6 - <identifier type="digitool"> 7 -212128</identifier> 8 - <name></name></pre>	Replace 📧					
image image <td< td=""></td<>						
	Replace All in All Opened					
Find result - 264 hits	Match whole word only Match whole word only Documents Match case Close Wrap around E					
 C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212130.xml (1 hit) Line 9: <namepart>Simons, A. M. (Algie Martin) 1870-1950</namepart> C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT246063.xml (1 hit) Line 12: <namepart>De Leon, Daniel 1852-1914</namepart> 	Search Mode Direction Image: Transparency Normal Up Image: Onlosing focus Extended (\n, \r, \t, \0, \x) Image: Onlosing focus Image: Onlosing focus Regular expression Image: matches newline Image: Onlosing focus					
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT334777.xml (1 hit) Line 9: <namepart>Haywood, Big Bill 1869-1928</namepart> Replace in Opened Files: 264 occurrences replaced.						

o <namePart>Vail, Charles H. (Charles Henry) b. 1866</namePart>

Replaced With:

<namePart>Vail, Charles H. (Charles Henry)</namePart><namePart type="date">b. 1866</namePart>

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212124.xml - Notepad++					
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?					
C 🗗 🖶 🔁 💫 C 🖧 🖌 🛍 🛍 Ə 🗲 🏙 🏣 🍳 🔍 🖫 🖬 🏣 🛛 (🕎 📿)					
🗄 CFDT212124 xml 🛛 🔚 CFDT212126 xml 🗷 🔚 CFDT212128 xml 🗷 🔚 CFDT212130 xml 🗷	63xm⊠				
1 <2xml version="1.0" encoding="UTF-8"2>					
2 P <mods td="" xmlns="http://www.loc.gov/mods/v3" xmlns:xlin<="" xmlns:xsi="http://www.w3.org/200</td><td><u>)01/XMLSchema-instance</u>"></mods>					
3 🖯 <titleinfo></titleinfo>	Replace with: <namepart< th=""></namepart<>				
4 <title>Principles of scientific socialism </title> 5 -	Replace with. S/hameralt/Shameralt				
6 cidentifier type="digitool">	type="date">b. \1				
7 -212124					
9 (namePart>Vail, Charles H. (Charles Henry) <namepart type="</td><td>andate">D. 1866</namepart>					
11 <roleterm authority="marcrelator" type="text">creator</roleterm>	Replace 🛛				
12 -	Find Replace Find in Files Mark				
13 -	Find what : b. ([0-9]+) Find Next				
14 <genre>book</genre>					
Find result - 4 hits	Replace with : <namepart type="date">b. \1</namepart>				
Search " b. ([0-9]+)" (4 hits in 4 files)	In selection Replace All				
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT212124.xml (1)	Replace All in All Opened				
Line 9: <namepart>Vail, Charles H. (Charles Henry) b. 1866<th>ne Documents</th></namepart>	ne Documents				
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT358321.xml (1)					
- Line 15: <namepart>Levy, Oscar b. 1867</namepart>					
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT358379.xml (1)	1				
Line 9: <namepart>Burns, Emile b. 1889</namepart> C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT1927447.xml (1)	Search Mode Direction Transparency				
Line 9: <namepart>Troyanovski, A. (Aleksandr) b. 1882</namepart>	at Up Up Orlosing locus				
Search "1866" (1 hit in 1 file)	Extended (y, y, (t, (0, (x))) Down Always				
ESearch " b. ([0-9]+)" (4 hits in 4 files)	Regular expression matches newline				
Esearch "([0-9]+)" (273 hits in 254 files)	Replace in Opened Files: 4 occurrences replaced.				
Earch "([0-9]+)-" (204 hits in 198 files)					

MODS Editing: Identify Pattern and Mark Up Data (Role Terms)

OCheck pattern (click "Find All in All Opened Documents")

Find What: </namePart>

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File Edit Search View Encoding Language Settings Macro Run Plugins Window ?			Х
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: CFDT334777xml 🗵 🔚 CFDT334778xml 🗵 🔚 CFDT334779xml 🗵 🔚 CFDT334780xml 🗵 🔚 CFDT334780xml 🗵		FDT357438 xml 🗵 🔚 CFDT357439 xml 🗷 🔚 CFDT357440 xml	
<pre>1 <2xml version="1.0" encoding="UTF-8"?> 2 G <mods _wmlns.flwc="info.flwc/man</td><td>ifest/v1</td></tr><tr><td><pre>4</td><td>Find Replace Find in Files Mark Find what : </namePart></td><td>Find Next Count</td><td>E</td></tr><tr><td><pre>9 <\namePart>Haywood, Big Bill</namePart><namePart type=" date"="" vmlns:vlink="http://www.
Find</td><td>w w3_org/1999/wlink" xmlns="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSc 3 G <titleInfo></pre></td><td>ema-instance">1869-192810 <\cole> 11 <\cole> 12 <\cole>crole> 13 <\cole>crole> 14 <\cole>crole> 15 <\cole>cnamePart>Bohn, Frank 1878- joint author 16 <\cole> 17 <\cole>crole>type="text" authority="marcrelator">creator</mods></pre>	Match whole word only Match case W Wrap around Search Mode	Find All in All Opened Documents Find All in Current Document Close Direction	Ţ
Find result - 1591 hits C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT334777.xml (3 hits)	 Normal Extended (\n, \r, \t, \0, \x) Regular expression . matches newline 	Down On losing focus Always	
Line 9: <pre>namePart>Haywood, Big Bill</pre> /namePart> <namepart type="date"> Line 9: /namePart>Haywood, Big Bill</namepart> <namepart type="date"> Line 15: /namePart>Bohn, Frank 1878- joint author/namePart> <pre>C:\My Documents\Islandora\PrismEdit\uof smc mods\CFDT334778.xml (2 hits) Line 9: </pre>/namePart>Henderson, Fred/namePart><namepart type="date">18 Line 9: /namePart>Henderson, Fred/namePart/namePart type="date">18</namepart></namepart>	67-1957	i. ii.	

•Copy the result to a spreadsheet

Α	В	С	D	E	F	G	н	Ι	J	К	L
C:\My E	ocuments\I	landora\P	rismEdit\u	ucf_smc_m	ods\CFDT	212124.xm	(2 hits)				
	Line 9: <	namePart	>Vail, Char	les H. (Cha	arles Henr	y) <td>art×name</td> <td>Part type="</td> <td>date">b. 1</td> <td>.866<td>ePart></td></td>	art×name	Part type="	date">b. 1	.866 <td>ePart></td>	ePart>
	Line 9: <	namePart	>Vail, Char	les H. (Cha	arles Henr	y) <td>art><name< td=""><td>Part type="</td><td>date">b. 1</td><td>.866<td>ePart></td></td></name<></td>	art> <name< td=""><td>Part type="</td><td>date">b. 1</td><td>.866<td>ePart></td></td></name<>	Part type="	date">b. 1	.866 <td>ePart></td>	ePart>
C:\My [Documents\	slandora\F	PrismEdit\	ucf_smc_n	nods\CFD1	F212126.xm	l (2 hits)				
	Line 9: <	namePart	>McClure,	William So	holl <td>nePart></td> <td></td> <td></td> <td></td> <td></td> <td></td>	nePart>					
	Line 15:	<namepar< td=""><td>t>Albany F</td><td>ress Club</td><td><td>rt></td><td></td><td></td><td></td><td></td><td></td></td></namepar<>	t>Albany F	ress Club	<td>rt></td> <td></td> <td></td> <td></td> <td></td> <td></td>	rt>					
C:\My [Documents\	slandora\F	PrismEdit\	ucf_smc_n	nods\CFD1	F212128.xm	l (2 hits)				
	Line 9: <	namePart:	>De Leon,	Daniel <td>amePart><</td> <td>namePart 1</td> <td>type="date</td> <td>">1852-191</td> <td>4<td>art></td><td></td></td>	amePart><	namePart 1	type="date	">1852-191	4 <td>art></td> <td></td>	art>	
	Line 9: <	namePart	>De Leon,	Daniel <td>amePart><</td> <td>namePart 1</td> <td>type="date</td> <td>">1852-191</td> <td>.4<td>art></td><td></td></td>	amePart><	namePart 1	type="date	">1852-191	.4 <td>art></td> <td></td>	art>	
C:\My [Documents\I	slandora\F	PrismEdit\	ucf_smc_n	nods\CFD1	F212130.xm	l (2 hits)				
	Line 9: <	namePart	Simons, A	. M. (Algie	e Martin)<	/namePart	≺namePar	t type="dat	te">1870-1	950 <td>ePart></td>	ePart>
	Line 9: <	namePart:	Simons, A	. M. (Algie	Martin)<	/namePart	≺namePar	t type="dat	te">1870-1	950 <td>ePart></td>	ePart>

• Sort the value in the second column to see patterns

Line 15:	<namepart>Raushenbush, Carl-editor</namepart>
Line 15:	<namepart>Real, Jame joint author namePart></namepart>
Line 15:	<namepart>Red International of Labor Unions British Bureau</namepart>
Line 15:	<namepart>Russian S.F.S.R Laws, etc</namepart>
Line 15:	<namepart>Seidman, Joel Isaac 1906, joint author</namepart>
Line 15:	<namepart>Shachtman, Max 1903- tr</namepart>
Line 15:	<namepart>Shachtman, Max 1903- tr</namepart>
Line 15:	<namepart>Shiel, M. P. (Matthew Phipps) 1865-1947 translators/namePart></namepart>
Line 15:	<namepart>Shils, Edward</namepart> <namepart type="date">1910-1995</namepart>
Line 15:	<namepart>Shils, Edward</namepart> <namepart type="date">1910-1995</namepart>
Line 15:	<namepart>Shore, Merle</namepart>
Line 15:	<namepart>Simons, A. M. (translator)/namePart></namepart>
Line 15:	<namepart>Singer, J. David (Joel David) 1925- Surprise attack</namepart>
Line 15:	<namepart>Socialist labor party</namepart>
Line 15:	<namepart>Socialist Labor Party</namepart>

O Author Role Terms Pattern

Role terms	Role terms (after being controlled)
defendant	defendant
illus.	illustrator
- illus	
joint author	author
ed	editor
joint ed	
editor	
- editor	
translator	translator
- translator	
- translator	
tr (at the end)	

• Clean up and standardize the terms (find/replace);

 \circ Edit the mark up, for example:

Replace:

<name>

<namePart>McMillan, Hugh translator</namePart>

</name>

With:

<name>

<namePart>McMillan, Hugh </namePart><role><roleTerm type="text"</pre>

authority="marcrelator">translator</roleTerm></role>

</name>

OIn Notepad++

Find what: translator</namePart>

Replace with: </namePart><role><roleTerm type="text"

authority="marcrelator">translator</roleTerm></role>

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT358317.xml - Notepad++							
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D 😑 🗄 🔁 D D 🕼 🖕 🔏 D D D 🗢 C # 🏣 🔍 🔍 D 📴 🚍 II 🎼 🖉 💹 🔊 D 🗉 D 🐼 🔂 🚟 😹							
10 -358317 11 - <name></name>	^						
11 <name>art>Gorter, Herman<namepart type="date">1864-</namepart></name>	1997						
13 F <role></role>							
14 <pre>roleTerm type="text" authority="marcrelator">creator</pre>	erm>						
15 -							
16 -	E						
17 Rame> 18 RamePart>McMillan, Hugh <role><roleterm keydate="yes" type="text</td><td></td></tr><tr><td>19</td><td></td></tr><tr><td>20 <genre>book</genre></td><td>Replace</td></tr><tr><td>21 🖨 <originInfo></td><td>Find Replace Find in Files Mark</td></tr><tr><td>22 <pre><pre>22 <pre>cpublisher>Glasgow : Socialist Information and Research Bureau</pre></td><td></td></tr><tr><td>23 <dateIssued encoding=" w3cdtf"="">1920</roleterm></role>	Find what : translator namePart Find Next						
24 - 25 - language>	Replace with : <role><roleterm autho="" replace<="" td="" type="text"></roleterm></role>						
26 <languageterm type="text">English</languageterm>							
	In selection Replace All						
Find result - 20 hits	Replace All in All Opened						
	Match whole word only						
Search "translator" (20 hits in 17 files) C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT358314.x	V Match case						
Line 15: <namepart>Shiel, M. P. (Matthew Phipps) 1865-1</namepart>	V Wrap around						
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT358317.x	Search Mode Direction V Transparency						
Line 18: <namepart>McMillan, Hugh translator</namepart>							
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT358319.x							
Line 18: <namepart>Sirnis, Alexander translator<td>© Extended (\n, \r, \t, \0, \x) ◎ Down ○ Always ○ ○ Always</td></namepart>	© Extended (\n, \r, \t, \0, \x) ◎ Down ○ Always ○ ○ Always						
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT358384.x							
Line 24: <namepart>Kelley, Florence 1859-1932 translato</namepart>	Replace in Opened Files: 20 occurrences replaced.						
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT363419.x							
Line 18: <namepart>Shachtman, Max 1903- translator<td>erart></td></namepart>	erart>						

Please notice that: when there is a role term after "yyyy-yyyy," the year could not be marked up in the previous "year" replacement. Can replace it after the role term is marked up.

 Distinguished between personal names, corporate names and conferences;

 Find: <namePart>, copy the result to a spreadsheet, sort data and identify some patterns;

OWhat's in spreadsheet:

	BCC
Line 12:	<namepart>Brody, Alter</namepart> <namepart type="date">1895-</namepart>
Line 12:	<namepart>Bukharin, Nikolai Ivanovich</namepart> <namepart type="date">1888-1938</namepart>
Line 12:	<namepart>Cole, G. D. H. (George Douglas Howard)</namepart> <namepart type="date">1889-1959</namepart>
Line 12:	<namepart>Confederación de Trabajadores de México</namepart>
Line 12:	<namepart>De Leon, Daniel</namepart>
Line 12:	<namepart>De Leon, Daniel</namepart> <namepart type="date">1852-1914</namepart>
Line 12:	<namepart>Drob, Judah</namepart>
Line 12:	<namepart>Fourth International Conference (1946 : Brussels)</namepart>
Line 12:	<namepart>Gorter, Herman</namepart> <namepart type="date">1864-1927</namepart>
Line 12:	<namepart>Greater New York Committee for a Sane Nuclear Policy</namepart>

Name Pattern (if <namepart> contains)</namepart>	Add Code
Party, Partei, partiia, partiii	<name type="corporate"></name>
Committee	
International	
Council	
National	
agency	
Service	
School	
World	
Association	
society	
department	
Mission	
Union	
League	
bund	
scientists of	
Conference	<name type="conference"></name>
Congress	
Others	<name type="personal"></name>

Not comprehensive. Need to check the results!!

OFind all <namePart> elements which contain "Committee"

Find what: <name>\n <namePart>.*Committee.*</namePart>

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File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X							
$\boxed{\begin{array}{c} \begin{array}{c} \\ \end{array} \end{array}} \boxed{\begin{array}{c} \end{array}} \end{array}} \boxed{\begin{array}{c} \end{array}} \end{array}} \boxed{\begin{array}{c} \end{array}} \end{array}} \boxed{\begin{array}{c} \end{array}} \boxed{\begin{array}{c} \end{array}} \end{array}} \end{array}} \end{array}} \end{array}$ } \end{array}}							
😑 CFDT363432 xml 🗵 🖹 CFDT363433 xml 🗵 🖹 CFDT363434 xml 🗵 🖺 CFDT363435 xml 🗵 🖺 CFDT363435 xml 🗵 🖺 CFDT363436 xml 🗵 🖺 CFDT363437 xml 🗵 🖺 CFDT363438 xml 🗵 🖺 CFDT367709 xml 🗵 🖺 CFDT367710 xml 🗵 🔛 CFDT367711 xml 🗵							
1 <2xml version="1.0" encoding="UTF-8"2>							
2 [<mods authority="marcrelator" text"="" xmlns="http://www.loc.gov/mods/v3" xmlns:flvc="info:flvc/manifest/v1]</th></tr><tr><td>3 🔁 <titleInfo></td><td></td></tr><tr><td>4 <title>15 years of the Communist International</title></td><td>=</td></tr><tr><td>5 - </titleInfo></td><td></td></tr><tr><td></td><td>place Find in Files Mark</td></tr><tr><td>7 - 363432</identifier></td><td></td></tr><tr><td>8 E criame></td><td>Find what : <name>\n <namePart>.*Committee.*</nameP ▼ Find Next</td></tr><tr><td>9 <<u>namePart</u>>Communist International Executive Committee</<u>namePart</u>></td><td>Count</td></tr><tr><td>10 <role></td><td>Count</td></tr><tr><td>11 <roleTerm type=" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">creator<td>Find All in All Opened</td></mods>							Find All in All Opened
12 -	Documents						
13 -	Find All in Current						
14 <genre>book</genre> 15	whole word only Document						
16 <pre>corigininic> 16 <pre>corigininic> 16 <pre>corigininic> 16 </pre>Mate</pre></pre>							
17 <dateissued encoding="w3cdtf" keydate="yes">1934</dateissued>	around Close						
search	ode Direction V Transparency						
Find result - 2 hits	al 💿 Up 💿 On losing focus						
Search " <name>\n <namepart>.*Committee.*</namepart>" (2 hits in 2 files)</name>	ded (\n, \r, \t, \0, \x)						
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT363432.xml (1 hit)	ar expression D. matches newline						
Line 8: <name></name>							
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT2683214.xml (1 hit)							
Line 14: <name></name>							

Find what: <name>\n <namePart>(.*Committee.*)</namePart> Replace with: <name type="corporate">\n <namePart>\1</namePart>

(Note: will only work when the corporate name is the first name. May need to manually add: type="corporate" for <name>.)

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o						
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1 <2xml version="1.0" encoding="UTF-8"?>						
2 = <mods corporate"="" xmlns="<u>http://www.loc.gov/mods/v3</u>" xmlns:flvc="info:flv</td><td>c/manifest/v1</td></tr><tr><td>3 E <titleInfo></td><td>Destars</td><td></td><td></td><td>n </td></tr><tr><td>4 <title>15 years of the Communist International</title></td><td>Replace</td><td></td><td>×</td><td>E</td></tr><tr><td>5 - </titleInfo></td><td>Find Replace Find in Files Mark</td><td></td><td></td><td></td></tr><tr><td><pre>6</td><td></td><td></td><td></td><td></td></tr><tr><th>8 cname (type=" xmlns:xlink="http://w</td><td>ww.w3.org/1999/x1</td><td><u>link</u>" xmlns:xsi="<u>http://www.w3.org/2001/XML</u>;</td><td>Schema-instance">)<th>Find what : <name>\n <namepart></namepart></name></th><th>>(.*Committee.*)<th>Find Next</th><th></th></th></mods>	Find what : <name>\n <namepart></namepart></name>	>(.*Committee.*) <th>Find Next</th> <th></th>	Find Next			
9 <namepart>Communist International Executive Committee</namepart>	Replace with : <name <="" td="" type="corporate"><td>'>\n <namepart>\1<td>Replace</td><td></td></namepart></td></name>	'>\n <namepart>\1<td>Replace</td><td></td></namepart>	Replace			
10 F <role></role>						
11 <pre><roleterm authority="marcrelator" type="text">creator</roleterm></pre>		In selection	Replace All			
12 -			Replace All in All Opened			
13 -			Documents			
14 <genre>book</genre>	Match whole word only					
15 🛱 <origininfo></origininfo>	Match case		Close			
16 <publisher>New York: Workers Library Publishers</publisher>	Wrap around					
17 <dateissued encoding="w3cdtf" keydate="yes">1934</dateissued>	Search Mode	Direction	Transparency	Ψ		
·	Normal	O Up	On losing focus	•		
Find result - 1 hit	© Extended (\n, \r, \t, \0, \x)	Down	 Always 	×		
C:\My Documents\Islandora\PrismEdit\ucf smc mods\CFDT363432.xml (1 hit)	Regular expression . matches newline	O Down	Aways	A		
Line 8: <name></name>			· · · · · · · · · · · · · · · · · · ·			
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT2683214.xml (1 hit)	Replace in Opened Files: 2 occurrences replaced.					
Line 8: <name></name>		·	4	Ξ		

• After checking corporate and conference names, replace all remaining names:

<name>

<namePart>

With

Need to review all the names!! Make edits when needed.

<name type="personal">

<namePart>

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2 🖶 🖶 ち 15 🕞 2 👘 10 2 ⊂ # 🛬 3 3 4 15 15 1 🗐 🖉 🔊) 🔍 🖿 🕨 📳 🌉 🥃
🔚 CFDT326838 xml 🗵 🗮 CFDT331852 xml 🗷 🔚 CFDT331853 xml 🗵 🔚 CFDT331854 xml 🗵 🔚 CFDT331855 xml 🗵	l] 🔚 CFDT331856.xml 🗷 🔚 CFDT331857.xml 🗵 🔚 CFDT331858.xml 🗵 🔚 CFDT332896.xml 🗷 🔚 CFDT332897.xml 🖾
<pre>1 <2xml version="1.0" encoding="UTF-8"?> 2 =<mods digitool"="" xmlns="http://www.loc.gov/mods/v3" xmlns:flvc="info:flvc/manifest/v1</td></tr><tr><td><pre>6 dentifier type=" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XML 3 = <titleInfo> 4 <title>Socialism and superior brains : a reply to Mr. Mallock</title> 5 = </titleInfo></pre></td><td>Schema-instance"> 7 -326838<!--/dentifier--></mods></pre>	Replace Find Replace Find in Files Mark
<pre>8</pre>	Find what : <namepart> Replace with : <name type="personal"> In selection Replace All Match whole word only Documents Match case Close Wrap around</name></namepart>
Find result - 1107 hits Find result - 1107 hits in 828 files) Search " <name>" (1107 hits in 828 files) C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212124.xml (1 hit) Line 8: <name> C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212126.xml (2 hits)</name></name>	Search Mode Direction Up Extended (\n, \r, \t, \0, \x) Regular expression . matches newline Direction Up Always
Line 8: <name> - Line 14: <name></name></name>	Replace in Opened Files: 1107 occurrences replaced.

MODS Editing: Identify Pattern and Mark Up Data (Subtitle)

• Find all titles with subtitles (find ":" in title field).

Find what: <title>(.*:.*)</title>

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212126.xml - Notepad++					
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?					
CFDT212126xml 🖸 📴 CFDT212128xml 🗵 🗮 CFDT212130xml 🗶 🗮 CFDT2460663xml 🗵 🗮 CFDT247096xml 🗵 🗮 CFDT247111xml 🗵 🗮 CFDT326838xml 🗵 🗮 CFDT331852xml 🗶 🗮 CFDT331853xml 🗷 🗮 CFDT331854xml 🗷 🗮 CFDT331852xml \boxtimes					
<pre>3 = <titleinfo> 4</titleinfo></pre>	Find Replace Find in Files Mark Find what : Ktitle>(.*:.*) Find Next				
<pre>Find result -225 hits Find result -225 hits in 223 files) Search "<title>(.*:.*)</title>" (225 hits in 223 files) C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212126.xml (1 hit) Line 4: <title>Socialian : a oper read before the Albany Press Club "So C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT247096.xml (1 hit) Line 4: <title>Unity : an address delivered by Daniel De Leon at New Pyt C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT326838.xml (1 hit) Line 4: <title>Socialism and superior brains : a reply to Mr. Mallock C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT331852.xml (1 hit) Line 4: <title>The trial of Ferrer : a clerical-judicial murder</title> C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT331854.xml (1 hit) Line 4: <title>Robert Owen : social reformer</title> C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT331858.xml (2 hits) Line 4: <title>N. Lenin : his life and work</title> </pre>	Match whole word only Document Match case Close Wrap around Direction Search Mode Direction Normal Up				

It returns 225 hits.

• For example:

Replace

<titleInfo>

<title>Socialism : a paper read before the Albany Press Club "Socialist Night" </title>

</titleInfo>

With:

<titleInfo>

<title>Socialism : <subtitle> a paper read before the Albany Press Club "Socialist Night"</subtitle>

</title>
</titleInfo>

May leave out ":" in title.

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212126.xml - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

Find what: <title>(.*):(.*)</title> Replace with: <title>\1:<subtitle>\2</subtitle></title>

		FD12470963001	16							
1 < <mark><?</mark>xml vers</mark>	ion="1.0" encoding="UTF-8" <mark>?></mark>									*
2 🔤 <mods th="" xmln<=""><th>s="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3</th><th>.org/2001/XML</th><th>Schema</th><th>-instance" xmlr</th><th>ns:xlink=</th><th>"http://www.</th><th>w3.or</th><th>cq/1999/xlink" xmlns:</th><th>flvc</th><th>="info:flvc/manifest/v1</th></mods>	s="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3	.org/2001/XML	Schema	-instance" xmlr	ns:xlink=	"http://www.	w3.or	cq/1999/xlink" xmlns:	flvc	="info:flvc/manifest/v1
3 🔁 <titlein< th=""><th>fo></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></titlein<>	fo>									
4 <title< th=""><th>>Socialism :<subtitle> a paper read before the Albany F</subtitle></th><th>ress Club "So</th><th>cialis</th><th>t Night"<th>itle×/ti</th><th>tle></th><th>></th><th></th><th></th><th></th></th></title<>	>Socialism : <subtitle> a paper read before the Albany F</subtitle>	ress Club "So	cialis	t Night" <th>itle×/ti</th> <th>tle></th> <th>></th> <th></th> <th></th> <th></th>	itle×/ti	tle>	>			
5 - <th>nio></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>_</th> <th></th>	nio>								_	
6 🛱 <identif< th=""><th>ier type="digitool"></th><th>Replace</th><th></th><th></th><th></th><th></th><th></th><th></th><th>×</th><th>-</th></identif<>	ier type="digitool">	Replace							×	-
•	III	Find Replac	e Find i	in Files Mark					ī.	E F
Find result - 225 hits			Fillul	IT Flies Mark						x
	>(.*):(.*)" (225 hits in 223 files)	Fin	d what :	<title>(.*):(.*)</tit</th><th>tle></th><th></th><th></th><th>Find Next</th><th></th><th></th></tr><tr><th></th><th>nts\Islandora\PrismEdit\ucf smc mods\CFDT212126.:</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>Line 4:</th><th></th><th>The pice</th><th>ce with :</th><th><title>\1:<subtitle></th><th>>\2</subtitle</th><th>></title>		Replace		E		
	<title>Socialism : a paper read before the Albo</th><th></th><th></th><th></th><th></th><th>In selection</th><th>_</th><th></th><th></th><th></th></tr><tr><th></th><th>nts\Islandora\PrismEdit\ucf_smc_mods\CFDT247096.</th><th></th><th></th><th></th><th></th><th>III selection</th><th></th><th>Replace All</th><th></th><th></th></tr><tr><th>- Line 4:</th><th><title>Unity : an address delivered by Daniel !</th><th></th><th></th><th></th><th></th><th></th><th></th><th>Replace All in All Opened</th><th></th><th></th></tr><tr><th></th><th>nts\Islandora\PrismEdit\ucf_smc_mods\CFDT326838.</th><th></th><th></th><th></th><th></th><th></th><th></th><th>Documents</th><th></th><th></th></tr><tr><th>- Line 4:</th><th><title>Socialism and superior brains : a reply</th><th></th><th></th><th>only</th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>nts\Islandora\PrismEdit\ucf_smc_mods\CFDT331852.:</th><th></th><th>æ</th><th></th><th></th><th></th><th></th><th>Close</th><th></th><th></th></tr><tr><th>- Line 4:</th><th><title>The trial of Ferrer : a clerical-judicia</th><th>a 🛛 🔽 Wrap arou</th><th>und</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>C:\My Docume</th><th>nts\Islandora\PrismEdit\ucf_smc_mods\CFDT331854.:</th><th>Search Mode</th><th></th><th></th><th>Dire</th><th>ction</th><th>. 👿 т</th><th>ransparency</th><th></th><th></th></tr><tr><th>- Line 4:</th><th><title>Robert Owen : social reformer</title>						_	· · · ·		
C:\My Docume	nts\Islandora\PrismEdit\ucf_smc_mods\CFDT331858.				0 L	Jp.		On losing focus		
Line 4:	<title>N. Lenin : his life and work</title>	Extended			-	Down		Always		
- Line 7:	<title>Nicolai Lenin : his life and work</title</th><th>Regular e:</th><th>xpression</th><th>n 📃 . matches new</th><th>line</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>C:\My Docume</th><th>nts\Islandora\PrismEdit\ucf smc mods\CFDT332898.;</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>Line 4:</th><th><pre><title>Socialism : aim, methods and tactics as</pre></th><th></th><th>ned Files</th><th>a 225 occurrences r</th><th>eplaced.</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>_</th><th></th></tr></tbody></table></title>									

MODS Editing: Identify Pattern and Mark Up Data (non-filling characters)

OFor example:

- O... Is this a war for freedom?
- A key to survival
- An alternative to war

*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT331852.xml - Notepad++ File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

O The theory of the Cuban Revolution <nonSort>The </nonSort>

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<nonSort>...</nonSort> <nonSort>A </nonSort>

<nonSort>An </nonSort>

Find what: <title>The Replace with:

<title><non</th><th>Sort>The </</th><th>/nonSort></th></tr></tbody></table></title>

😑 CFDT247096 xml 🖾 📄 CFDT247111 xml 🖾 🖹 CFDT326838 xml 🖾 🔚 CFDT331852 xml 🖾 🔚 CFDT331853 xml 🖾 📄 CFDT331854 xml 🖾 🔚 CFDT331856 xml 🖾 📋 CFDT33 <?xml version="1.0" encoding="UTF-8"?> Canods xmlns="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:flvc="info:flvc/manifest/v1" <titleInfo <title><nonSort>The </nonSort>trial of Ferrer a clerical-judicial murder</title> teleInfo> Replace 8 <identifier type="digitool"> Replace Find in Files Mark Find Find result - 258 hits Find what : <title>The Find Next Search "<title>The" (258 hits in 257 files) . Replace with : <title><nonSort>The </nonSort> Replace -C:\My Documents\Islandora\PrismEdit\ucf smc mods\ <title>The trial of Ferrer a cleri Line 4: In selection Replace All C:\My Documents\Islandora\PrismEdit\ucf smc mods\ <title>The ABC of socialism</title> Replace All in All Opened Line 4: Documents C:\My Documents\Islandora\PrismEdit\ucf smc mods\ Match whole word only Line 4: <title>The Catholic church and soci Close Match case C:\My Documents\Islandora\PrismEdit\ucf smc mods\ Wrap around Line 4: <title>The American socialists and nward war and militarism since th Search Mode C:\My Documents\Islandora\PrismEdit\ucf smc mods\ Direction Transparency Line 4: <title>The student's epitome of sci Normal O Up On losing focus C:\My Documents\Islandora\PrismEdit\ucf smc mods\ Extended (\n, \r, \t, \0, \x...) Always Oown Line 4: <title>The bankruptcy of the Americ Regular expression _____, matches newline -0----C:\My Documents\Islandora\PrismEdit\ucf smc mods\ Line 4: <title>The Revolutionary act; milit Replace in Opened Files: 258 occurrences replaced. (1) Mr. Dommentel Televiers | Dei en Rdit | net

MODS Editing: Identify Pattern and Mark Up Data (Publication Place)

O Identify publication place pattern

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File Edit Search View Encoding Language Settings Macro Run	3 🗟 🎫 1 🏢 🖉 💹 🔊 💽	Find what:		
CFDT212126xml Z CFDT212128xml Z CFDT212130xml Z CFDT24 CriginInfo>	her>	<publisher>(</publisher>	(.*):(.*)	
< III	Find		×	
<pre>Find result - 682 hts Search "<publisher>(.*):(.*)</publisher>" (682 htts C:\My Documents\Islandora\FrismEdit\uof_smc_mods\ Line 16: <publisher>Charles H. Ke C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 19: /publisher>New York : New York Lab C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>New York, [N.Y.] : Net C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Charles H. Ke C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Charles H. Ke C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Charles H. Ke C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 13: <publisher>Charles H. Ke C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>New York : New York Lab C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Hummist C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher>Cirard, Kan. : Fabiat Society C:\My Documents\Islandora\PrismEdit\uof_smc_mods\ Line 16: <publisher\documents\cirard, :="" fabiat<="" kan.="" td=""><td>Find Replace Find in Files Mark Find what : xpublisher > (.*): (.*): (.*) Match whole word only Match case Wrap around Search Mode Normal Extended (\n, \r, \t, \0, \x) Regular expression</td><td>CC Find All in Docu Find All Docu Cl Direction Up () On losing () Always</td><td>g focus</td><td></td></publisher\documents\cirard,></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></publisher></pre>	Find Replace Find in Files Mark Find what : xpublisher > (.*): (.*): (.*) Match whole word only Match case Wrap around Search Mode Normal Extended (\n, \r, \t, \0, \x) Regular expression	CC Find All in Docu Find All Docu Cl Direction Up () On losing () Always	g focus	

• Publisher place pattern, for example:

"New York [New York] New York City New York, [N.Y.] New York, N.Y. New York, NY (all need to change to New York, N. Y.)

MODS Editing: Identify Pattern and Mark Up Data (Publication Place)

• For example:

Replace

<publisher>New York : New York Labor News</publisher>

with

<publisher><place><placeTerm type="text">New York </placeTerm></place> New York
Labor News</publisher>

**C:My Documents\Islandora\PrismEdit\ucf_smc_mods\CFDT212126.xml - N File Edit Search View Encoding Language Settings Macro Run • • • • • • • • • • • • • • • • • • •	Plugins Window ? 	1 xml 🗷 📙 CFD T32683		<pre>Find what: <publisher>(.*):(.*)</publisher> Replace with:</pre>
image: state of the state o			Find Next Find Next Replace Replace All Replace All in All Opened Documents	<publisher><place><placeterm type="text">\1ce>\2</placeterm </place></publisher>
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 16: <publisher>Chicago : Charles H. Ke C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 19: <publisher>Glasgow : Socialist Lab C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 13: <publisher>New York : New York Lab C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 16: <publisher>Grand, Kan. : Humanist C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 16: <publisher>London : Fabian Society C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 16: <publisher>London : Fabian Society C:\My Documents\Islandora\PrismEdit\ucf_smc_mods\ Line 16: <publisher>London : Fabian Society</publisher></publisher></publisher></publisher></publisher></publisher></publisher>	Extended (η, γ, \t, \ρ, \x)	UpDown	Close Transparency On losing focus Always	

Need to standardize and clean the place terms before the mark-up replacement, e.g. change "New York" to "New York, N.Y."

MODS Editing: Identify Pattern and Mark Up Data (Subject)

- Mark up topical, temporal, geographic, genre subdivisions for subjects, and personal/corporate/conference name subjects
- Subdivision patterns: Use <u>test set</u> to find pattern (don't mess with the "editin-progress" set)
 Find what: <topic>(.*)--(.*)</topic>

	Replace with
*C:\My Documents\Islandora\PrismEdit\ucf_smc_mods_test2\CFDT212130.xml - Notepad++	
File Edit Search View Encoding Language Settings Macro Run Plugins Window	
🔚 CFDT212128.xml 🗵 🔚 CFDT212130.xml 🗵 🚍 CFDT246063.xml 🗵 🔚 CFDT247096.xml 🗵	247111 xml 🔀 📙 Cl
23 🖨 <subject></subject>	
24 <topic> United States</topic>	Replace
25 -	
26 E <subject></subject>	Find Replace Find in Files Mark
27 <tpic> United States 28 - </tpic>	Find what : <topic>(.*)(.*)</topic>
29 A <a href="https://www.secty-line-article-conduction</td><td></td></tr><tr><td>30 <topic> Economic conditions</topic></td><td>Replace with : <topic>\2</topic></td></tr><tr><td>31 - </subject></td><td>In selection Replace All</td></tr><tr><td>32 🛱 <subject></td><td></td></tr><tr><td>33 <topic> 1865-1918</topic></td><td>Replace All in All Opened Documents</td></tr><tr><td>34 - </ubject></td><td>Match whole word only</td></tr><tr><td>35 subject>
36 United States</topic></td><td>Match case Close</td></tr><tr><td>36 <tupic> United States</topic>
37 - </subject></td><td>Vrag around</td></tr><tr><th>38 - <related tem type=" original"=""><th>Search Mode</th>	Search Mode
Find result - 859 hits	
Search " <topic>(.*)(.*)</topic> " (859 hits in 540 files)	Extended (\n, \r, \t, \t, \0, \x) O Down Always Always Always
C:\My Documents\Islandora\PrismEdit\ucf_smc_mods_test2\CFDT21212	Regular expression
- Line 33: Textile workers Massachusetts</topic>"> Line 33: "> Textile.workers Massachusetts</td><td>Replace in Opened Files: 859 occurrences replaced.</td></tr><tr><td>C:\My Documents\Islandora\PrismEdit\ucf_smc_mods_test2\CFDT2121</td><td></td></tr><tr><td>Line 24: <topic>Labor United States</topic></td><td></td></tr><tr><td>Line 27: <topic>Socialism United States</topic></td><td></td></tr><tr><th>Line 30: <topic>United States Economic conditions</topi</th><th></th></tr><tr><th>Line 33: <topic>United States Social conditions 1865</th><th>j=1918</topic></th></tr><tr><th>Line 36: <a href=" mailto:korking-classunited-states<="" topic="">"><th></th>	

Then find "<topic>--(.*)</topic>" to get subdivisions only, copy to a spreadsheet to identify patterns.

MODS Editing: Identify Pattern and Mark Up Data (Subject, cont.)

OSubject subdivision patterns

Lin	e 33:	<topic> Massachusetts</topic>
)		
Lin	e 24:	<pre>topic> United States</pre>
Lin	e 27:	<topic> United States</topic>
Lin	e 30:	<topic> Economic conditions</topic>
Lin	e 33:	<topic> 1865-1918</topic>
Lin	e 36:	<pre><topic> United States</topic></pre>
)		
Lin	e 24:	<topic> Outlines, syllabi, etc</topic>
Lin	e 27:	<topic> Outlines, syllabi, etc</topic>
Lin	e 30:	<topic> Philosophy</topic>
Lin	e 24:	<topic> Revolution, 1909</topic>
)		
Lin	e 24:	<topic> Great Britain</topic>
Lin	e 30:	<topic> Great Britain</topic>
Lin	e 30:	<topic> Christianity</topic>
Lin	e 24:	<topic> Economic aspects</topic>
)		
Lin	e 30:	<topic> Biography</topic>
Lin	e 33:	<topic> Revolution, 1917-1921</topic>
Lin	e 36:	<topic> Biography</topic>
Lin	e 27:	<topic>Biography </topic>
)		
Lin	e 30:	<topic> Catholic Church</topic>
Lin	e 36:	<topic> Controversial literature</topic>

Total 1682 subdivisions. May find and replace/mark up some popular terms.

Find some popular terms: Subdivisions in column A, In B1, add =COUNTIF(\$A:\$A,A1) Copy down Then sort by column B to find the times a word appears.

Top occurred subdivisions: United States 200 Soviet Union 90 Socialism 69 Communism 52 History 35 Politics and government 34 Communist Party of the United States of America 25 Disarmament 20 Congresses 19 Marx, Karl 1818-1883 18 Peace 17 1917-1945 15

MODS Editing: Identify Pattern and Mark Up Data (Subject, cont.)

OExamples

Replace:

<subject>

<topic>Labor -- United States</topic>

</subject>

With:

<subject><topic>Labor</topic><geographic>United States</geographic></subject>

Replace:

<subject>

<topic>Labor unions -- Great Britain -- History</topic>

</subject>

With:

<subject><topic>Labor unions</topic><geographic>Great Britain</geographic><topic>History</topic></subject>

Replace:

<subject>

<topic>Soviet Union -- Economic conditions -- 1917-1945</topic>

</subject>

With:

<subject><geographic>Soviet Union</geographic><topic>Economic conditions</topic><temporal>1917-1945</temporal></subject>

Some batch replacement can be done to top occurred subdivisions, but comprehensive review of all subdivisions and manual editing will be needed!!

MODS Editing: Related Item, Collection Title and Physical Description

○ Add related item, e.g.

<relatedItem type="original"> <location> <url note="(University Libraries Online Catalog)">http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014</url> </location> <titleInfo> <titleInfo> <titleInfo> </relatedItem> (note: need to edit the related item title information)

○ Add collection title, e.g.

<relatedItem type="series">

<titleInfo type="uniform">

<title>PRISM: Political & amp; Rights Issues & amp; Social Movements collection</title>

</titleInfo>

<location>

<url displayLabel="(Link to Collection)">https://ucf.digital.flvc.org/islandora/object/ucf%3Asmc</url>

</location>

</relatedItem>

O Physical description in note field:

• **Change <note>**47 p. ; 22 cm.</note> to:

<physicalDescription>

<extent>47 p. ; 22 cm.</extent>

</physicalDescription>

MODS Editing: File Example

```
<?xml version="1.0" encoding="UTF-8"?>
<mods version="3.4" xsi:schemaLocation="http://www.loc.gov/mods/v3 http://www.loc.gov/standards/mods/v3/mods-3-4.xsd"
xmlns:dcterms="http://purl.org/dc/terms/" xmlns:flvc="info:flvc/manifest/v1" xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.loc.gov/mods/v3">
   <titleInfo>
       <nonSort>The </nonSort>
       <title>meaning of the Soviet trials</title>
    </titleInfo>
    <identifier type="digitool"> 671335</identifier>
   <nametype="personal">
       <namePart>Yaroslavskii, Emel'ian</namePart>
       mamePart type="date">1878-1943</namePart>
       <role
           <roleTerm type="text" authority="marcrelator">creator</roleTerm>
       </role>
    </name>
   <namectype="personal">>
       <namePart>Bukharin, Nikolai Ivanovich</namePart>
       <mamePart type="date">1888-1938</namePart>
        role
           <roleTerm type="text" authority="marcrelator">defendant</roleTerm>
       </re>
       <role
           <roleTerm type="text" authority="marcrelator">contributor</roleTerm
         /role>
    </name>
                         •••
  ...

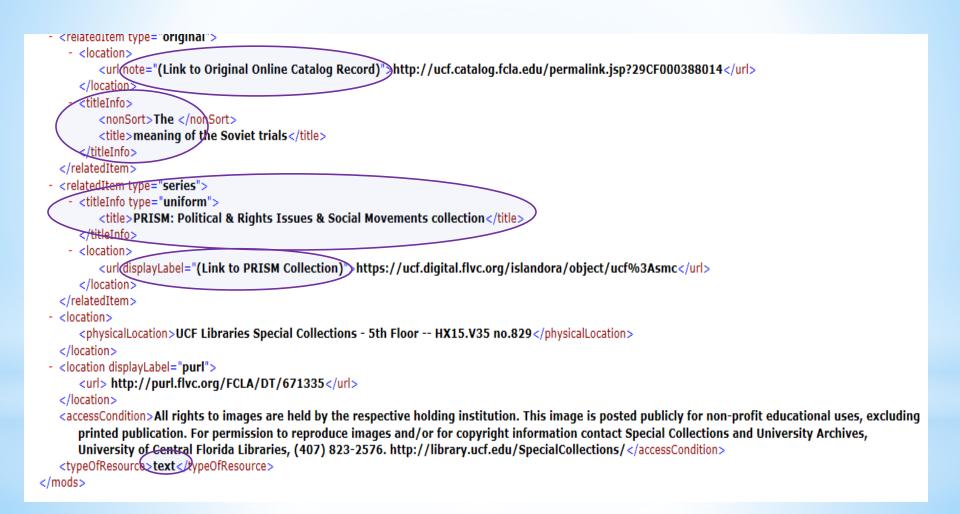
    <oriainInfo>

      <publisher>Workers Library Publishers</publisher>
      <dateIssued keyDate="ves" encoding="w3cdtf">1938</dateIssued>
      cplace>
         <placeTerm type="text">New York, N.Y.</placeTerm>
      </place>
   </originInfo>

    <language>

      <languageTerm type="text">English</languageTerm>
   </language>
  OhysicalDescription>>>
     <extent>45, [1] p. ; 19 cm.</extent>
   </physicalDescription>
  <subject>
       name type="personal">
         <namePart>Bukharin, Nikolai Ivanovich</namePart>
         <namePart type="date">1888-1938</namePart>
      </name>
      <topic>Trials, litigation, etc</topic>
   </subject>
   <subject>
      <topic>Trials (Political crimes and offenses)</topic>
      @geographic Russia (Federation)</geographic>
      <geographic>Moscow</geographic>
   </subject>
```

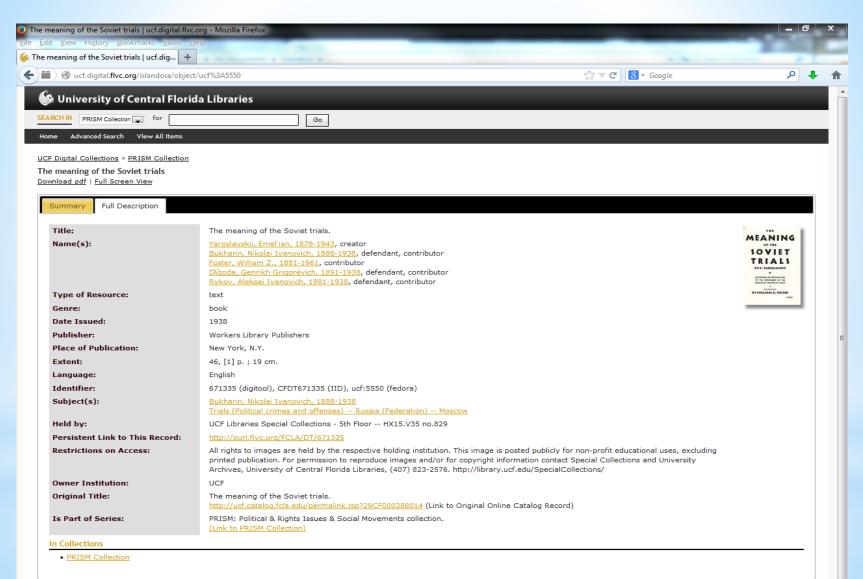
MODS Editing: File Example (Cont.)



A Resulted MARC Display (only to logged in users)

🕼 ບ	niversity of Central Florida Libraries		
SEARCH	IN PRISM Collection for Go		
Home	Advanced Search View All Items My account Embargoed Objects Log out		
View	IP Embargo Manage MARCXML		
	ital Collections » PRISM Collection ad MARCXML		
Leader			
008	^^^^^s1938^^^^^^^		
035	## a (digitool) 671335		
035	## a (IID)CFDT671335		
035	## a (fedora)ucf:5550		
100	1# a Yaroslavskii, Emel'ian, d 1878-1943		
245	14 a The meaning of the Soviet trials.		
260	## a New York, N.Y. : b Workers Library Publishers, c 1938		
300	## a 46, [1] p. ; 19 cm.		
380	#7 a book		
534	## t meaning of the Soviet trials http://ucf.catalog.fcla.edu/permalink.jsp?29CF000388014		
540	## Ja All rights to images are held by the respective holding institution. This image is posted publicly for non-profit educational uses, excluding printed publication. For permission to reproduce images and/or for copyright information contact Special Collections and University Archives, University of Central Florida Libraries, (407) 823-2576. http://library.ucf.edu/SpecialCollections/		
600	14 a Bukharin, Nikolai Ivanovich d 1888-1938		
650	14 a Trials (Political crimes and offenses) z Russia (Federation) z Moscow		
700	1# a Bukharin, Nikolai Ivanovich, d 1888-1938, e defendant		
700	1# a Foster, William Z., d 1881-1961, e contributor		
700	1# a IAgoda, Genrikh Grigorévich, d 1891-1938, e defendant		
700	1# a Rykov, Aleksei Ivanovich, d 1881-1938, e defendant		
830	## a PRISM: Political & Rights Issues & Social Movements collection.		
852	## a UCF Libraries Special Collections - 5th Floor HX15.V35 no.829		
856	40 u http://purl.flvc.org/FCLA/DT/671335		
887	## a owningInstitution="UCF", submittingInstitution="UCF", source="digitool", admin_unit="FCL01", ingest_id="ing5109", creator="creator:CBILODEAU", creation_date="2010-03-04 09:48:01", modified_by="creator:CBILODEAU", modification_date="2010-03-04 09:48:18"		
998	77 lb text		

Record Public Display





Metadata Migration Issues

- Is there another way to improve the metadata when migrating from a less granular schema to a more granular one besides customizing the XSLT stylesheet and performing post-conversion pattern based records editing? What are the advantages and disadvantages of these methods?
- How to determine the extensibility a stylesheet can be customized prior to post transformation editing in a project?
- Should data mark-up based on patterns and conditions be dealt with in the stylesheet or the post-transformation editing? Which factors affect the decision?
- Does MARCXML data play an important role in the non-Integrated Library System (ILS) environment? Can auto-generated pseudo MARC records be accepted in a CMS or DAMS? To which degree should the converted MODS and MARC records be edited?
- In mapping local elements to MODS, how to determine whether a MODS extension is considered good practice?
- How much automation will a MODS editing tool allow? How much manual or semi-manual editing work is realistic for librarians? What skills are required to perform the task?

Final Thoughts

- There might not be an easy way to get very good data in migrating from a less granular schema to a more granular one. To which degree and in which method should or can the data be improved may depend on many factors.
- The decisions on metadata migration will be different depending on whether the project is on national, consortia or library level.
- Extensive stylesheet customization seems to be more attainable on the collection level when comparable data is available.
- Balance needs to be sought in pre-transformation stylesheet modification and post-transformation records editing.
- It still seems relevant to share collections in a non-traditional DAMS with a traditional ILS in the current library environment.
- Medium or large scale text markup and encoding presents new challenges and requirements for librarians especially cataloging and metadata librarians.

Project Team and Acknowledgments

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OSpecial thanks go to FLVC folks. Inquires can be sent to FLVC Help Desk, <u>help@flvc.org</u>

Thank you!