

Generating Ingest Spreadsheets from Variations XML Files

When needing to create spreadsheets for batch ingesting Variations files.

Variations XML Files

This guide will take you through the process of creating an ingest spreadsheet from Variations XML files. The XSL code converts the XML tag content into a txt file that can be imported into a spreadsheet (using "^" as the separator).

Step-by-step guide

1. Open an SSH Client.
2. Log into magnolia.dlib.indiana.edu
 - a. Log in with your username and password.
3. Create a file named xmlingest_sort.xml using the code found below.
4. Run this command:

```
xsltproc xmlingest_sort.xml ../srv/variations/content/access/audio/files.xml >> batchingest.txt
```

- a. You'll need to replace "files.xml" with the Variations xml files you wish to ingest.
- b. Replace "batchingest.txt" with the TXT file name you wish to create.

Create a spreadsheet

1. Add column titles with the following:
 - a. Bibliographic ID
 - i. The Bibliographic ID will be the Variations XML file name (i.e. "VAA5239" from the file VAA5239.xml).
 - ii. Variations XML tag: //RecordSet/MediaObject/Label
 - b. Bibliographic ID Label
 - i. The XSL will fill this column with the word "other".
 - c. Title
 - i. This information will be overwritten by the information that the Bibliographic ID pulls in, but it is required.
 - ii. Variations XML tag: //DisplayTitle
 - d. Creator
 - i. This information will be overwritten by the information that the Bibliographic ID pulls in, but it is required.
 - ii. Variations XML tag: //Publisher
 - e. Date Issued
 - i. This information will be overwritten by the information that the Bibliographic ID pulls in, but it is required.
 - ii. Variations XML tag: //PublicationDate
 - f. Label
 - i. The XSL will fill this column with the word "other".
 - g. File
 - i. The file name(s) will be in the format of: vaa1234a.192k.mov
 - ii. You'll need a File column for each file associated with a Variations item.
 - iii. Variations XML tag: //RecordSet/MediaObject (The XSL edits the content of this tag so that it matches the file name and adds ".192k.mov")
 - h. Label
 - i. Leave this column blank.

Importing the Data into the Spreadsheet

1. Import the data from the batchingest.txt file
 - a. The separator character is: ^
 - b. Using a comma as the separator character causes problems (since commas are used in some of the Variations titles).
2. Edit the dates in the Date Issued column.
 - a. The format of the dates vary and may need edited (i.e. "[1934]").

xmlingest_sort.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text"/>
<xsl:template match="/">

<!--
Bibliographic ID
Bibliographic ID Label
Title
Creator
Date Issued
Label
File
-->
<xsl:variable name="publisherTest"><xsl:value-of select="//Publisher"/></xsl:variable>
<xsl:variable name="yearTest"><xsl:value-of select="//PublicationDate"/></xsl:variable>
<xsl:variable name="variationsName"><xsl:value-of select="//RecordSet/MediaObject/Label"/></xsl:variable>

<xsl:value-of select="substring($variationsName,1,7)"/>^other^<xsl:value-of select="//DisplayTitle"/>^<xsl:if
test="$publisherTest != ''"><xsl:value-of select="//Publisher"/></xsl:if><xsl:if test="$publisherTest =
''">unknown</xsl:if>^<xsl:if test="$yearTest != ''"><xsl:value-of select="//PublicationDate"/></xsl:if><xsl:if
test="$yearTest = ''">uuuu</xsl:if>^<xsl:for-each select="//RecordSet/MediaObject"><xsl:sort select="Label"
data-type="text" order="ascending"/><xsl:if test="string-length(Label) = 8">assets/<xsl:value-of select="
translate(Label, 'ABCDEFGHJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxy')"/>.192k.mov^^</xsl:if></xsl:for-
each><xsl:for-each select="//RecordSet/MediaObject"><xsl:sort select="Label" data-type="text" order="ascending"
/><xsl:if test="string-length(Label) > 8">assets/<xsl:value-of select="translate(Label,
'ABCDEFGHJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxy')"/>.192k.mov^^</xsl:if></xsl:for-each>^
</xsl:template>
</xsl:stylesheet>

```



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- [Upgrade Ruby using RVM](#)
- [Generating Ingest Spreadsheets from Variations XML Files](#)