Enriching Library Metadata with APIs

Lucas Mak Michigan State University Libraries



Background

- Michigan State University Libraries
 - Over 6.5 million print and electronic titles
 - 235,000 maps
 - 85,844 sound recordings and films/videos
 - Cataloging
 - Standards: MARC 21 and RDA
 - Tools: OCLC Connexion and Innovatives Sierra ILS
 - Membership in all programs under <u>Program for Cooperative Cataloging</u> (PCC)

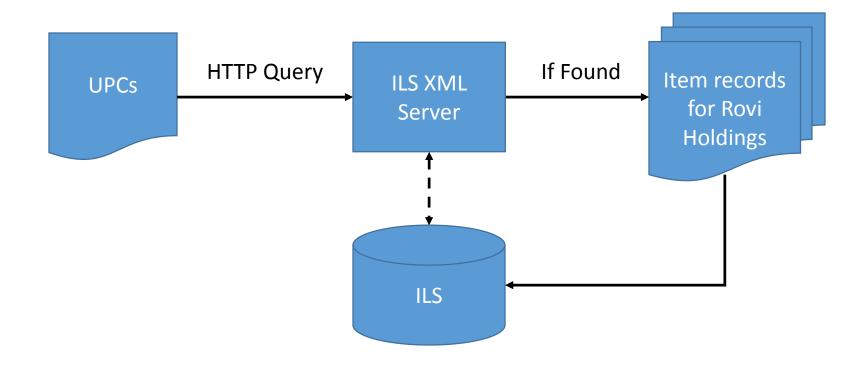


Background

- ROVI Collection
 - In 2015, MSUL received a gift of about 860,000 audio-visual titles from ROVI, Inc.
 - ~ 681,000 music titles
 - ~ 163,000 video titles
 - ~ 17,000 games
 - Estimated to cost USD 20-25 million and 20 years for manual cataloging
 - Phased processing using scripts and APIs
 - Tried to replicate traditional cataloging process
 - Add holdings → Copy Cataloging → Original Cataloging

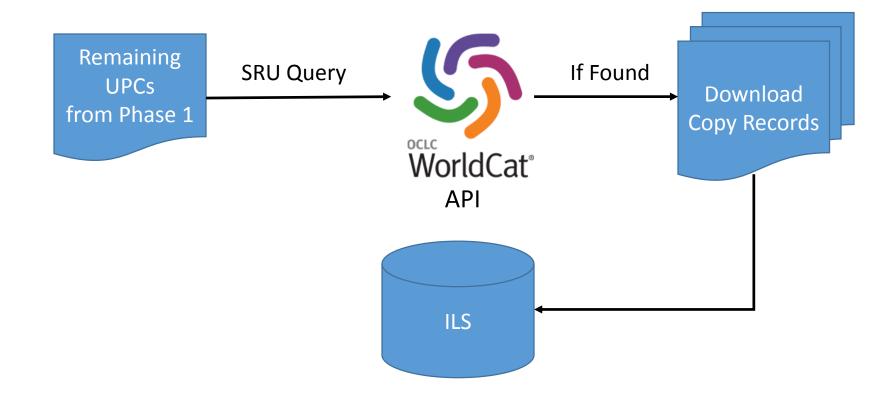
Phased Cataloging

Phase 1 – Local Holdings Lookup



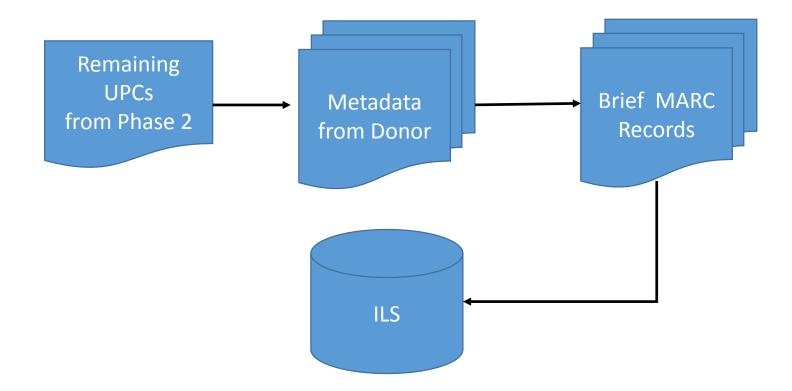
Phased Cataloging

Phase 2 – Locating Copy Records



Phased Cataloging

• Phase 3 – Original Brief Record Generation



Problem Statements

- Issues with Phase 3 brief records
 - Content note (MARC 505)
 - May not have track list, especially classical music titles
 - Primary artist is the only entity in statement of responsibility for individual tracks
 - Other performers, track composers, lyricists, etc. are absence
 - Access points/headings (MARC 700 & 710)
 - Wrong MARC tag
 - Not in authorized form
 - No composer names in classical titles
 - "Artists" means "performers" (e.g. orchestra)

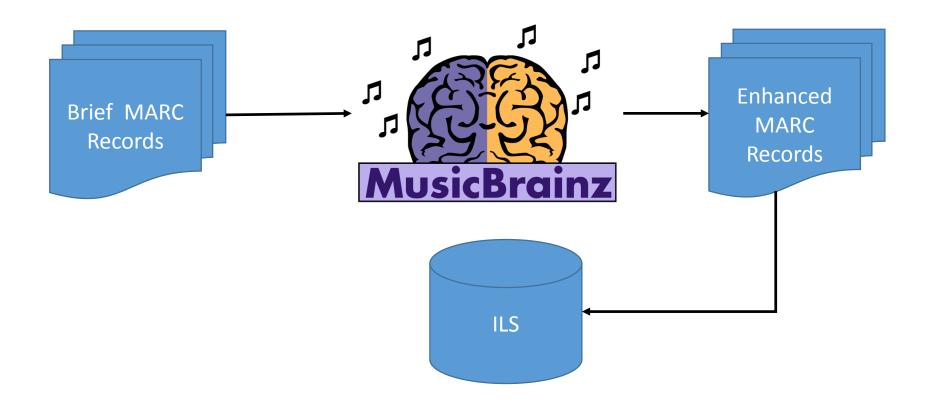
MusicBrainz

- "[A]n open music encyclopedia that collects music metadata and makes it available to the public" – <u>MusicBrainz.org</u>
- Crowdsourced
- Data released under open licenses
 - Core data CCO
 - Supplementary data Creative Commons Attribution-NonCommercial-ShareAlike 3.0



Solution

• Phase 4 – Enhancement



MusicBrainz API

- REST-based API
 - Base URL: https://musicbrainz.org/ws/2/
 - Available as both JSON and XML web services
- Allows three different GET requests
 - Lookup, Search, Browse
- Different searchable indexes available
 - UPC barcode, ASIN, ISRC, artists, release title, track title, label, etc.

MusicBrainz Core Data

| Core Entities | Useful Data Points |
|----------------------|--|
| Release | Release ID, UPC, ASIN, Title, Artists (main vs various artists), Date, Country, Label, Catalog number, Language, Format, Recording (i.e. track list) |
| Recording | Recording ID, Title, Artist credits, Duration |
| Artist | Artist ID, Name (direct order), Sort-name (inverted order), Type (personal vs group), ISNI, Links to external sites |

MusicBrainz <-> MARC21 Mapping

Recording Entity

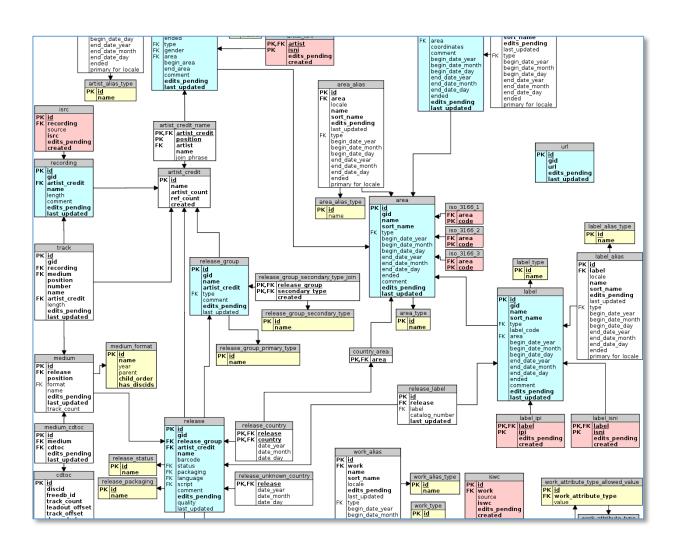
| MusicBrainz | MARC21 |
|----------------|---------------|
| Title | 505\$a or \$t |
| Artist credits | 505\$a or \$r |
| Duration | 505\$a or \$g |

Artist Entity

| MusicBrainz | MARC21 |
|-------------------------|---|
| Name | 505\$a or \$r (Recording) or 245\$c (Release) |
| Sort-name | 7XX |
| Туре | Personal vs Corporate name |
| ISNI | Authorized form of name |
| Links to external sites | 7XX\$0 or \$1 |

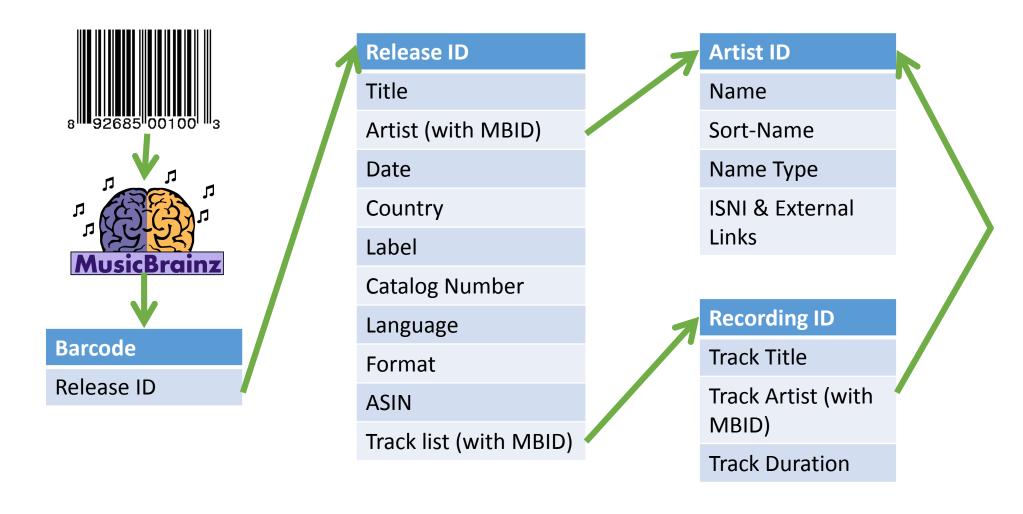
MusicBrainz Data Structure

- Relational database
 - Some tracings are needed to get all necessary information
- Each entity (<u>artists</u>, <u>release</u> groups, <u>releases</u>, <u>recordings</u>, works, <u>labels</u>, <u>areas</u>, <u>places</u>, <u>URLs</u>) has an MBID (MusicBrainz identifier)
- MBID can be used in Lookup requests to query additional information about an entity



Source: https://musicbrainz.org/doc/MusicBrainz Database/Schema

Searching MusicBrainz API



UPC Search

- URL syntax: http://musicbrainz.org/ws/2/ release?query=barcode:[UPC]
- Search "Believe" by Celtic Woman (UPC: 5099967966028)

http://musicbrainz.org/ws/2/release?query=barcode:5099967966028

```
-<metadata created="2017-06-19T12:30:41.205Z">
  - <release-list count="1" offset="0">
      <release id="b900ee89-08c3-4a0a-90e7-dc35209d6ce7" ext:score="100">
        <title>Believe</title>
        <status>Official</status>
        <packaging>Jewel Case</packaging>
      + <text-representation></text-representation>
      -<artist-credit>
        -<name-credit>
          -<artist id="4d483147-c871-48c4-8470-85e5a66381c5">
               <name>Celtic Woman</name>
                                                                              BELLEVE
               <sort-name>Celtic Woman</sort-name>
             < <ali><alist></a>
                 <alias sort-name="Celtic Women">Celtic Women</alias>
              </alias-list>
            </artist>
          </name-credit>
        </artist-credit>
      + <release-group id="8214aa0e-2108-4cd1-9c6f-dd1d538f1017" type="Album"></release-group>
        <date>2012-01-24</date>
        <country>US</country>
      + <release-event-list></release-event-list>
        <barcode>5099967966028</barcode>
        <asin>B000KYF0HZ</asin>
```

Release Lookup

- Basic URL syntax: https://musicbrainz.org/ws/2/ release/[releaseID]
- Can request additional infolinked to this release, e.g. Artist, Recordings, Labels

```
-<metadata>
   <release id="b900ee89-08c3-4a0a-90e7-dc35209d6ce7
     <trt/>title>Believe</title>
     <status id="4e304316-386d-3409-af2e-78857eec5cfe">Official</status>
     <quality>normal</quality>
     <packaging id="ec27701a-4a22-37f4-bfac-6616e0f9750a">Jewel Case</packaging>
    + <text-representation></text-representation>
    -<artist-credit>
      -<name-credit>
          <artist id="4d483147-c871-48c4-8470-85e5a66381c5">
           <name>Celtic Woman</name>
                                                 Artist name for the release
           <sort-name>Celtic Woman
         </artist>
       </name-credit>
                             Publication date
     </artist-credit>
     <date>2012-01-24</date>
                                       Country of Publication
     <country>US</country>
    + <release-event-list count="1"></release-event-list>
     <barcode>5099967966028</barcode>
     <asin>B005RYF5H2</asin>
    + <cover-art-archive></cover-art-archive>
   -<label-info-list count="1">
      -<label-info>
        - <label id="7b076dce-d513-44b9-b9ae-7e6e938da605">
           <sort-name>Manhattan Records</sort-name>
           <disambiguation>1984–1987; relaunched 2001</disambiguation>
           <label-code>7365</label-code>
```

```
-<label id="7b076dce-d513-44b9-b9ae-7e6e938da605">
        <name>Manhattan Records</name>
        <sort-name>Manhattan Records</sort-name>
        <disambiguation>1984–1987; relaunched 2001</disambiguation>
        <label-code>7365</label-code>
     </label>
   </label-info>
 </label-info-list>
- <medium-list count="1">
  -<medium>
      <position>1</position>
      <format id="9712d52a-4509-3d4b-a1a2-67c88c643e31">CD</format>
    -<track-list count="15" offset="0">
      -<track id="058cbf51-bf7c-3335-8642-0a1d03b33c91">
          <position>1</position>
                                               Track duration
          <number>1</number>
          <length>316506</length>
        - < recording id="4cd38b99-ae8f-443e-b1f4-407229890e87</p>
            <title>Awakening</title>
                                                Track Title
            <length>316506</length>
          </recording>
        </track>
      -<track id="15c58b23-cf8d-3127-8229-79b7795da72b">
          <position>2</position>
                                               Track duration
          <number>2</number>
          <length>215133</length>
          recording id="b72e2fab-292e-4ce8-802c-79e3d48c659c">
            <title>Nocturne</title>
                                                Track Title
            <length>215133</length>
          </recording>
        </track>
```

Recording Lookup

- Basic URL syntax: https://musicbrainz.org/ws/2/ recording/[recordingID]
- Can request additional info linked to this recording, e.g. track artist, artist's role, related work, work artist
- Lookup track "She moved thru' the fair" https://musicbrainz.org/ws/2/ recording/60af59e7-8588-414e-a490efbf45c2d2f5?inc=artistcredits+artist-rels+workrels+work-level-rels

```
-<metadata>
   <recording id="60af59e7-8588-414e-a490-efbf45c2d2f5">
     <title>She Moved Thru' the Fair</title>
     <length>210920</length>
    -<artist-credit>
      - <name-credit>
        -<artist id="4d483147-c871-48c4-8470-85e5a66381c5">
            <name>Celtic Woman</name>
                                                               Track artist
            <sort-name>Celtic Woman</sort-name>
          </artist>
        </name-credit>
                                                                    Role of track artist
     </artist-credit>
   - <relation-list target-type="artist">
      - <relation type-id="3b6616c5-88ba-4341-b4ee-81ce1e6d7ebb" type="performing orchestra">
          <target>14a1f3b9-785f-484e-a83a-39f84ea175e7</target>
          <direction>backward</direction>
        -<artist id="14a1f3b9-785f-484e-a83a-39f84ea175e7">
            <name>The Irish Film Orchestra</name>
                                                                 Additional track artist
            <sort-name>Irish Film Orchestra, The</sort-name>
          </artist>
        </relation>
      - <relation type-id="0fdbe3c6-7700-4a31-ae54-b53f06ae1cfa" type="vocal">
          <target>31387701-0172-4fb6-be45-3ff7cc18d959</target>
          <direction>backward</direction>
                                                         Role of track artist
        -<attribute-list>
            <attribute>lead vocals</attribute>
          </attribute-list>
        -<artist id="31387701-0172-4fb6-be45-3ff7cc18d959">
            <name>Méav Ní Mhaolchatha</name>
                                                                 Additional track artist
            <sort-name>Mhaolchatha, Méav Ní</sort-name>
```

```
-<relation-list target-type="work">
                      -<relation type="performance" type-id="a3005666-a872-32c3-ad06-98af558e99b0">
                          <target>c27b554d-ec41-39c4-bcf8-d1da61731e8d</target>
                         - <work id="c27b554d-ec41-39c4-bcf8-d1da61731e8d">
                            <title>She Moved Through the Fair</title>
                           - <relation-list target-type="artist">
                             -<relation type-id="3e48faba-ec01-47fd-8e89-30e81161661c" type="lyricist">
                                 <target>8a2b0dca-358d-4f3f-895e-aecc0b15c085</target>
                                                                                                        Role of work artist
                                 <direction>backward</direction>
                                 <artist id="8a2b0dca-358d-4f3f-895e-aecc0b15c085">
                                   <name>Padraic Colum</name>
                                                                                         Work artist
                                   <sort-name>Colum, Padraic
                                 </artist>
Role of work artist
                               </relation>
                             -<relation type="composer" type-id="d59d99ea-23d4-4a80-b066-edca32ee158f">
                                 <target>9be7f096-97ec-4615-8957-8d40b5dcbc41</target>
                                 <direction>backward</direction>
                               -<artist id="9be7f096-97ec-4615-8957-8d40b5dcbc41">
                                   <name>[traditional]</name>
                                                                                         Work artist
                                   <sort-name>[traditional]</sort-name>
                                   <disambiguation>Special Purpose Artist</disambiguation>
                                 </artist>
                               </relation>
                            </ri>
```

Artist Lookup

- Basic URL syntax: https://musicbrainz.org/ws/2/ artist/[artistID]
- Can request additional info linked to this artist, e.g. external sites about this artist
- Lookup artist "Celtic Woman"
 https://musicbrainz.org/ws/2/artist/4d483147-c871-48c4-8470-85e5a66381c5?inc=url-rels

```
-<metadata>
 -<artist type-id="e431f5f6-b5d2-343d-8b36-72607fffb74b" id="4d483147-c871-48c4-8470-85e5a66381c5" type="Group">
     <name>Celtic Woman</name>
      <sort-name>Celtic Woman</sort-name>
      <country>IE</country>
                                                                                       Name type
    + <area id="390b05d4-11ec-3bce-a343-703a366b34a5"></area>
    – <life-span>
       <br/><br/>begin>2004</begin>
     </life-span>
    - <relation-list target-type="url">
      -<relation type="official homepage" type-id="fe33d22f-c3b0-4d68-bd53-a856badf2b15">
          <target id="79fe9613-7c8e-440e-80de-2a261b0dcde9">http://celticwoman.com/</target>
        </ri>
      -<relation type="lyrics" type-id="e4d73442-3762-45a8-905c-401da65544ed">
        -<target id="55aa96ef-2c71-4fbb-bad5-2362e7294542">
                                                                             Link to Wikipedia entry
            http://muzikum.eu/en/122-6342/celtic-woman/lyrics.html
          </target>
        </ri>
      -<relation type="wikipedia" type-id="29651736-fa6d-48e4-aadc-a557c6add1cb">
          <target id="05ef04d9-b9b2-4f93-b871-321aa48f63b9">https://en.wikipedia.org/wiki/Celtic Woman</target>
        </relation>
      - <relation type="myspace" type-id="bac47923-ecde-4b59-822e-d08f0cd10156">
          <target id="33f113b3-2766-4957-8321-bcc80a6f4e3f">https://myspace.com/celticwoman121</target>
        </ri>
      -<relation type="social network" type-id="99429741-f3f6-484b-84f8-23af51991770">
          <target id="3bacbaa5-1358-4162-8d1c-6e60e57cc0a4">https://twitter.com/Celtic Woman</target>
        </ri>
      -<relation type="discogs" type-id="04a5b104-a4c2-4bac-99a1-7b837c37d9e4">
          <target id="218cf301-2c11-4747-8486-0c895378eb28">https://www.discogs.com/artist/978511</target>
        </relation>
```

Authorized Name Lookup





ASK A LIBRARIAN

D)

The Library of Congress > Linked Data Service

Celtic Woman (Musical group)

From Library of Congress Name Authority File



URI(s)

> http://id.loc.gov/authorities/names/no2005111555

Instance Of

- > MADS/RDF CorporateName
- > MADS/RDF Authority

Scheme Membership(s)

> Library of Congress Name Authority File

Collection Membership(s)

- > Names Collection Authorized Headings
- LC Names Collection General Collection

Additional Information

http://id.loc.gov/rwo/agents/no2005111555

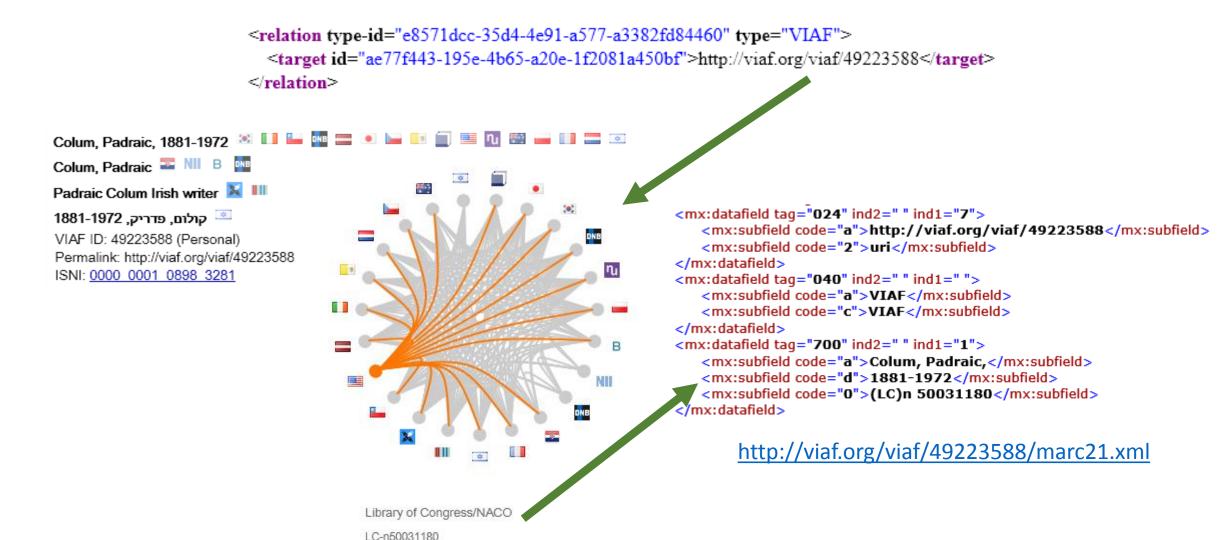
Artist Lookup

 Lookup lyricist "Padraic Colum"

https://musicbrainz.org/ws/2/artist/8a2b0dca-358d-4f3f-895e-aecc0b15c085?inc=url-rels

```
-<metadata>
  - <artist type-id="b6e035f4-3ce9-331c-97df-83397230b0df" type="Person" id="8a2b0dca-358d-4f3f-895e-aecc0b15c085">
      <name>Padraic Colum</name>
      <sort-name>Colum, Padraic</sort-name>
    <isni-list>
                                                        Name type
        </isni-list>
      <gender id="36d3d30a-839d-3eda-8cb3-29be4384e4a9">Male</gender>
      <country>IE</country>
    + <area id="390b05d4-11ec-3bce-a343-703a366b34a5"></area>
    + <begin-area id="29f88a09-cf4c-4ffb-bd3e-a90d68173ed7"></begin-area>
    +<end-area id="88772016-5866-496a-8de7-4340e922d663"></end-area>
    -life-span>
        <br/>begin>1881-12-08</begin>
        <end>1972-01-11</end>
                                                           Link to VIAF entry
        <ended>true</ended>
      dife-span
    - <relation-list target-type="url">
      -<relation type-id="e8571dcc-35d4-4e91-a577-a3382fd84460" type="VIAF">
          <target id="ae77f443-195e-4b65-a20e-1f2081a450bf">http://viaf.org/viaf/49223588</target>
        </relation>
      - <relation type="wikipedia" type-id="29651736-fa6d-48e4-aadc-a557c6add1cb">
          <target id="998f5005-6113-4174-bc86-0bccc6850163">https://en.wikipedia.org/wiki/Padraic_Colum</target>
        </relation>
      - <relation type-id="689870a4-a1e4-4912-b17f-7b2664215698" type="wikidata">
          <target id="617461b2-8f6f-43d7-85a8-824a5fb8c548">https://www.wikidata.org/wiki/Q429440</target>
        </relation>
      </relation-list>
   </artist>
                                                             Link to Wikidata entry
 </metadata>
```

Authorized Name Lookup

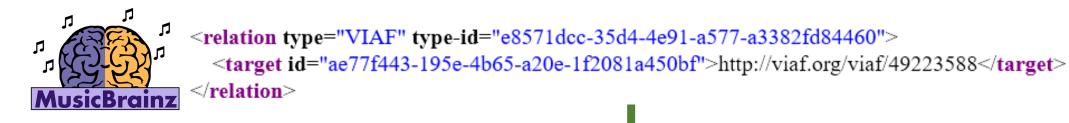


Inserting URI

- Tried to capture URIs from ISNI, VIAF, and LCNAF
 - MARC 7XX \$0 (Authority record control number or standard number)
 - LCNAF
 - MARC 7XX \$1 (Real World Object URI)
 - ISNI, VIAF
- MusicBrainz artist profiles do not have all three types
 - Does not have LCNAF URIs
 - Use one URI to find the other two URIs
 - Dedupped URIs after all tracings were done

URI Tracing

VIAF → ISNI & LCNAF



https://viaf.org/viaf/49223588/rdf.xml

```
<schema:alternateName>Padraic Collum</schema:alternateName>
<schema:alternateName>Pádraig Colum</schema:alternateName>
<schema:sameAs rdf:resource="http://id.loc.gov/authorities/names/n50031180"/> ← LCNAF
<schema:familyName>Colum</schema:familyName>
<schema:sameAs rdf:resource="http://dbpedia.org/resource/Padraic_Colum"/>
<schema:sameAs rdf:resource="http://alpha.bn.org.pl/record=a1672611x"/>
<schema:familyName>□ ¬ △</schema:familyName>
<schema:sameAs rdf:resource="http://isni.org/isni/0000000108983281"/> ← ISNI
```



URI Tracing

ISNI → VIAF & LCNAF



1

http://www.isni.org/isni/000000108983281.rdf.xml

<dcterms:source> http://musicbrain

http://musicbrainz.org/artist/8a2b0dca-358d-4f3f-895e-aecc0b15c085

</dcterms:source>

<dcterms:source>http://www.worldcat.org/oclc/26951259</dcterms:source>

<dcterms:source>http://viaf.org/viaf/49223588</dcterms:source>

✓ VIAF

<dcterms:source>http://id.ndl.go.jp/auth/ndlna/00512615</dcterms:source>

<dcterms:source>http://id.loc.gov/authorities/names/n50031180</dcterms:source>

← LCNAF

<dcterms:source>http://www.idref.fr/026795949</dcterms:source>

<dcterms:source>https://www.wikidata.org/wiki/Q429440</dcterms:source>

<dcterms:source>http://catalogue.bnf.fr/ark:/12148/cb11897406d</dcterms:source>

<dcterms:source>http://catalogue.bnf.fr/ark:/12148/11897406</dcterms:source>



URI Tracing

Wikipedia/Wikidata → ISNI, VIAF & LCNAF



```
<relation type-id="29651736-fa6d-48e4-aadc-a557c6add1cb" type="wikipedia">
        <target id="998f5005-6113-4174-bc86-0bccc6850163">https://en.wikipedia.org/wiki/Padraic_Colum</target>
        </relation>
```



```
<owl:sameAs rdf:resource="http://zitgist.com/music/artist/8a2b0dca-358d-4f3f-895e-aecc0b15c085"/>
<owl:sameAs rdf:resource="http://www.wikidata.org/entity/Q429440"/>
<owl:sameAs rdf:resource="http://yago-knowledge.org/resource/Padraic Colum"/>
Wikidata
```



http://dbpedia.org/data/Padraic_Colum



- No hits for UPC in MusicBrainz
 - Missing info in MusicBrainz
 - Different versions captured in MusicBrainz, e.g. UK vs US release
 - Solution:
 - Search artist name directly in MusicBrainz

Artist Search

- Basic URL syntax: http://musicbrainz.org/ws/ 2/artist/?query=artist: [artist name]
- Search musical group "lcarus" <a href="http://musicbrainz.org/ws/2/artist/?query=artist:"lcarus"
 <a href="https://www.artist.edu/us"
- If multiple hits, lookup releases by each artist

```
Multiple hits
<artist-list count="50" offset="0">
-<artist id="d28511c4-4223-4b47-8ecb-ad21b4af9765" type="Group" ext:score="100">
    <name>Icarus</name>
   <sort-name>Icarus</sort-name>
   <disambiguation>hard trance, released All Systems Go</disambiguation>
  -life-span>
      <ended>false</ended>
   </life-span>
 </artist>
-<artist id="5f9aa483-e70d-45a5-a8d7-980300893534" type="Group" ext:score="100">
   <name>Icarus</name>
   <sort-name>Icarus</sort-name>
   <country>SV</country>
  - <area id="f2fa4bfb-97aa-3db4-8d49-cc64969ce1a7">
      <name>El Salvador</name>
      <sort-name>El Salvador</sort-name>
    </area>
   <disambiguation>El Salvador power metal band</disambiguation>
  -life-span>
      <br/><br/>begin>1999</begin>
      <ended>false</ended>
   </life-span>
 </artist>
-<artist id="9c11d602-3858-4b53-9302-a60f894c228f" type="Group" ext:score="100">
   <name>Icarus</name>
   <sort-name>Icarus</sort-name>
   <country>ES</country>
  -<area id="471c46a7-afc5-31c4-923c-d0444f5053a4">
      <name>Spain</name>
```

Release Group Search

- Search release group by "Icarus (El Salvador)" https://musicbrainz.org/ws/2/release-group?artist=5f9aa483-e70d-45a5-a8d7-980300893534
- Check if any release-group matches album title from brief record
 - If found, go through the artist lookup process mentioned previously to capture authorized form and URIs

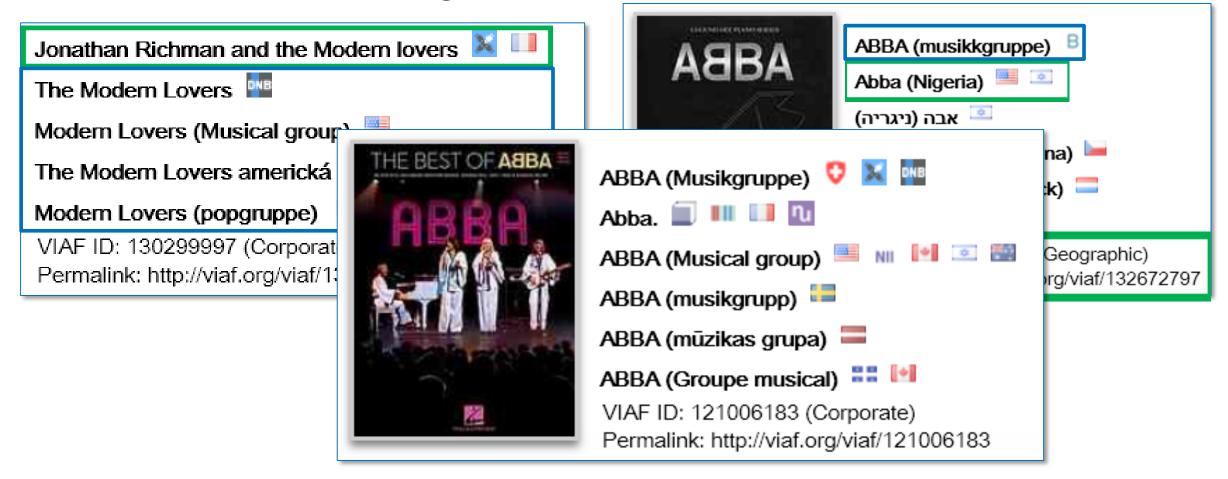
- Both artist and UPC not found in MusicBrainz
 - Search artist name in VIAF directly
 - Use album title to verify identity

Searching in VIAF

- Basic URL syntax: http://www.viaf.org/viaf/search?que ry=[artist name]&recordSchema=http://viaf.or g/VIAFCluster&httpAccept=applicati on/rdf+xml
- Request format: VIAF Cluster in RDFXML
- Search musical group "Huracanes del Norte" http://www.viaf.org/viaf/search?que ry=%22Huracanes%20del%20Norte% 22&recordSchema=http://viaf.org/VI AFCluster&httpAccept=application/r df+xml
- Verify if any <ns2:title> matches album title from brief record

```
<ns2:titles>
    <ns2:work>
        <ns2:sources>
            <ns2:s>LC</ns2:s>
            <ns2:sid>LC|n 94097787</ns2:sid>
        </ns2:sources>
        <ns2:title>#</ns2:title>
    </ns2:work>
    <ns2:work>
        <ns2:sources>
            <ns2:s>LC</ns2:s>
            <ns2:sid>LC|n 94097787</ns2:sid
        </ns2:sources>
        <ns2:title>15 exitos</ns2:title>
    </ns2:work>
                                                       Associated
    <ns2:work>
                                                       Work Titles
        <ns2:sources>
            <ns2:s>LC</ns2:s>
            <ns2:sid>LC|n 94097787</ns2:sid>
        </ns2:sources>
        <ns2:title>20 narco-corridos</ns2:title>
    </ns2:work>
    <ns2:work>
        <ns2:sources>
            <ns2:s>LC</ns2:s>
            <ns2:sid>LC|n 94097787</ns2:sid>
        </ns2:sources>
        <ns2:title>30 nortenas perronas</ns2:title>
    </ns2:work>
```

Mixed identities in a single VIAF/ISNI cluster



Trace to the wrong VIAF/ISNI cluster

Artist information

Sort name: Jones, Etta

Type: Person Gender: Female Born: 1928-11-25

Died: 2001-10-16 (aged 72)

Area: United States

External links

AllMusic

Discoas

W en: Etta Jones

0463113

VI VIAF: 32183599



0000 0004 5672 3566

Name: Etta Jones (American jazz singer)

Etta Jones (Amerikaans jazzmuzikante (1928-2001))

isni Etta Jones (amerikansk musikar) Etta Jones (amerikansk musiker)

Etta Jones (cantante statunitense) Etta Jones (chanteuse de jazz)

Etta Jones (US-amerikanische Jazzsängerin)

Jones, Etta

Етта Джонс (американська джазова співачка)

艾塔·瓊斯

1928-2001 Dates:

ISNI:

ISNI: 0000 0000 5513 9238

E. Rodney Jones Name:

Jones, Etta

Dates: 1928-2001

Creation class: cre

TIT

Musical sound recording

Creation role: author

performer

 Multiple VIAF/ISNI clusters for the same identity

ISNI: 0000 0004 4883 0847

Name: Chris Potter (American musician)

Chris Potter (Amerikaans componist)

Chris Potter (sassofonista, clarinettista e compositore statunitense) Chris Potter (US-amerikanischer Jazz-Saxophonist und Komponist)

Potter, Chris

Potter, Joseph Christopher

Крис Поттер

كريس باتر

クリス・ポッター

Dates: 1971-

Creation class: Language material

Musical sound recording

Notated music Projected medium

Creation role: composer

performer

ISNI: 0000 0004 4456 2267

Name: Potter, Chris

Dates: 1971-...

instruments: Woodwinds - Saxophone

Creation class: Musical sound recording

Projected medium

Creation role: performer

Fitzgerald, Ella (1917-1996)

· Fitzgerald, Ella, 1918- 🎐

VIAF ID: 6148211 (Personal)

Permalink: http://viaf.org/viaf/6148211



VIAF ID: 56145971594032332849 (Personal) Permalink: http://viaf.org/viaf/56145971594032332849



Image from Wikimedia Commons

Artist information

Type: Group

Founded: 1986 (32 years ago) Founded in: Herne, Nordrhein-

Westfalen, Germany

- LCNAF URI not available in any VIAF clusters
 - LC URI is MSUL's preferred URI for \$0
 - Some identities have VIAF cluster(s) but none of them contain LCNAF URI
 - Capture the VIAF URI? But how about the text string?
 - No LC authorized form
 - Take whatever form available? Non-English qualifier?
 - Default to English qualifier "(Musical group)"? Potential conflict





- Differences in data modeling
 - What is an entity/identity?
 - MusicBrainz vs LCNAF vs Authorities files from other national libraries

- [Personal name] and his orchestra/band
 - Per RDA 8.1.2, the orchestra part is not a "named" corporate body
 - e.g. Johnny Hodges and his orchestra









- [Personal name] and [Musical Group]
 - e.g. Graham Parker and the Rumour









- Non-roman script data without transliteration
 - Track titles for MARC
 505 content note

```
<metadata>
-<release id="9f58f8c5-eef9-409d-8473-10ea89dbfd98">
    <title>超時空要塞マクロス 飯島真理SONGメモリーミンメイSINGS FOR YOU</title>
    <status id="4e304316-386d-3409-af2e-78857eec5cfe">Official</status>
    <quality>normal</quality>
  -<text-representation>
      <language>ipn</language>
      <script>Jpan</script>
    </text-representation>
    <date>1986-10-21</date>
    <country>JP</country>
  + <release-event-list count="1"></release-event-list>
    <barcode>4988002103607</barcode>
    <asin>B00005GVBD</asin>
  + <cover-art-archive></cover-art-archive>
  -<medium-list count="1">
    -<medium>
        <position>1</position>
        <format id="9712d52a-4509-3d4b-a1a2-67c88c643e31">CD</format>
      -<track-list count="14" offset="0">
        -<track id="696b80cf-c396-3b10-a766-889440acb518">
            <position>1</position>
            <number>1</number>
            <title>私の彼はバイロット PARTI</title>
            <length>72000</length>
          -<recording id="259e6d8e-47fd-4e55-9a3f-114a4d2e21bc">
              <title>私の彼はバイロット</title>
              <length>71000</length>
            </recording>
```

Outcome

Around 70% success rate

Contents

Mazurkas, op. 50: No. 13. Moderato / Martin Roscoe Szymanowski ; piano, Martin Roscoe ; producer, Gar Iwaszkiewicz, Jarosław Iwaszkiewicz ; composer, Ka Cole (02:05) -- Mazurkas, op. 50: No. 15. Allegretto composer, Karol Szymanowski ; piano, Martin Rosco Martin Roscoe; dedication, Anna Iwaszkiewicz, Jard Gary Cole (04:31) -- Etudes, op. 33: No. 1. Presto / M Cole (01:02) -- Etudes, op. 33: No. 2. Andantino soa Gary Cole (01:06) -- Etudes, op. 33: No. 3. Vivace as Gary Cole (01:34) -- Etudes, op. 33: No. 4. Presto / N Cole (01:04) -- Etudes, op. 33: No. 5. Andante espre producer, Gary Cole (01:56) -- Etudes, op. 33: No. 6 producer, Gary Cole (01:35) -- Etudes, op. 33: No. 7. ; producer, Gary Cole (01:50) -- Etudes, op. 33: No. Roscoe; producer, Gary Cole (02:51) -- Etudes, op. Roscoe: producer, Gary Cole (01:60) -- Etudes, op. Roscoe ; producer, Gary Cole (01:01) -- Etudes, op. Martin Roscoe; producer, Gary Cole (01:22) -- Etude piano, Martin Roscoe; producer, Gary Cole (02:44) piano, Martin Roscoe; producer, Gary Cole (01:12) piano, Martin Roscoe; producer, Gary Cole (01:17) -Martin Roscoe; producer, Gary Cole (04:53) -- Four Martin Roscoe; producer, Gary Cole (03:17) -- Prelu Szymanowski ; piano, Martin Roscoe ; producer, Gar Karol Szymanowski: Piano Works, Vol. 3 / Martin Roscoe.

Publisher [Place of publication not identified]: Naxos, 2000.

Citation No citation available. See Citation Help.

CALL# LOCATION

2C5 C0067120 Music CD (Browse nearby) MSU ROVI MUSIC COLLECTION

Description 1 audio disc (1 hr., 8 min., 14 sec.) : digital ; 4 3/4 in.

Format performed music

audio

audio disc

Description plastic metal

Digital Format audio file CD audio

Rovi Media Collection. Music. Series

Note Sound recording.

Subject Piano music.

Additional Author Roscoe, Martin, performer.

Publisher Numbers 553867 Naxos

composer, Karol Szymanowski; piano, Martin Roscoe; producer, Gary Cole (04:46) -- Piano Sonata in C minor, op. 8: Allegro moderato / Martin Roscoe; composer, Karol Szymanowski; piano, Martin Roscoe; producer, Gary Cole (08:40) -- Piano Sonata in C minor, op. 8: Adagio / Martin Roscoe; composer, Karol Szymanowski; piano, Martin Roscoe; producer, Gary Cole (06:08) -- Piano Sonata in C minor, op. 8: Tempo di minuetto / Martin Roscoe; composer, Karol Szymanowski; piano, Martin Roscoe; producer, Gary Cole (04:07) -- Piano Sonata in C minor, op. 8: Finale / Martin Roscoe; composer, Karol Szymanowski; piano, Martin Roscoe; producer, Gary Cole (10:47)

Subject Piano music. Additional Author

Szymanowski, Karol, 1882-1937

Roscoe, Martin.

Composer added

Track list

Outcome

Title Ace Ventura: When Nature Calls

Publisher United States: MCA, 1995.

Citation No citation available. See Citation Help.

LOCATION CALL #

MSU ROVI MUSIC 1A8 C0000425 Music CD COLLECTION (Browse nearby)

Description 1 audio disc (47 min., 16 sec.): digital

Format performed music

audio

audio disc

Description plastic metal

Digital Format

audio file CD audio

Series Rovi Media Collection. Music.

Note Sound recording.

Contents Spirits in the Material World / Pato Banton, Sting -- Secret

Agent Man / Blues Traveler -- Don't Change / Goo Goo Dolls --Burnin' Rubber / Mr. Mirainga -- Boll Weevil / The Presidents of the United States of America -- Blur the Technicolor / White Zombie -- Watusi Rodeo / The Reverend Horton Heat -- Here Comes the Night / Native -- Jungle Groove / Montell Jordan --Ife / Angélique Kidjo -- My Pet / Matthew Sweet -- It's Alright /

Blessid Union of Souls -- Ace in Africa / Robert Folk.

Genre Stage & Screen

Contents

Spirits in the Material World / Pato Banton with Sting; composer, Sting; lyricist, Sting; keyboard, Garry Hughes; guitar, Dominic Miller; additional, Sally Bradshaw; programming, Garry Hughes; performer, Sting; producer, Stoker, Trevor Horn, Michael Railton; engineer, Tim Weidner; mix, Tim Weidner (05:41) -- Secret Agent Man / Blues Traveler; composer, P.F. Sloan, Steve Barri; writer, P.F. Sloan, Steve Barri; producer, Steve Thompson, Michael Barbiero (02:16) -- Don't Change / Goo Goo Dolls; composer, Garry Gary Beers, Kirk Pengilly, Tim Farriss, Andrew Farriss, Michael Hutchence, Jon Farriss; lyricist, Garry Gary Beers, Kirk Pengilly, Tim Farriss, Andrew Farriss, Michael Hutchence, Jon Farriss; writer, Garry Gary Beers, Kirk Pengilly, Tim Farriss, Andrew Farriss, Michael Hutchence, Jon Farriss; assistant, Chris Roberts; engineer, Chad Munsey; mix, Chad Munsey; producer, Jerry Finn, Goo Goo Dolls (04:41) -- Burnin' Rubber / Mr. Mirainga; producer, Jim Goodwin, Mr. Mirainga (03:18) -- Boll Weevil / The Presidents of the United States of America; writer, The Presidents of the United States of America, Chris Ballew; drums, Jason Finn; bass, Chris Ballew; guitar, Dave Dederer; vocal, Jason Finn, Chris Ballew, Dave Dederer; producer, Conrad Uno, Chris Ballew, Dave Dederer; recording, Barrett Jones (03:17) -- Blur the Technicolor / White Zombie; lyricist, Rob Zombie ; composer, White Zombie; producer, Terry Date, White Zombie (04:09) -- Watusi Rodeo / Reverend Horton Heat; writer, Jeff Walls, Murray Attaway, Coral Kordecki; producer, Thom Panunzio (03:35) -- Here Comes the Night / Native; composer, Bert Russell Berns; lyricist, Bert Russell Berns; guest, Katrina Leskanich; producer, Calvin Hayes, Mike Nocito; mix, Bob Clearmountain (03:28) -- Jungle Groove / Montell Jordan; producer, Montell Jordan, Anthony "Shep" Crawford (05:13) -- Ifé / Angélique Kidjo; executive, Jumbo Vanrenen; engineer, Christophe Dupouy, Christian Lachenal; mix, Christophe Dupouy; programming, Lester Mendez, Jean Hébrail; producer, Jean Hébrail (04:23) -- My Pet / Matthew Sweet; producer, Brendan O'Brien; engineer, Russ Fowler (03:47) -- It's Alright / Blessid Union of Souls; producer, C. P. Roth. Emosia (05:54) -- Ace in Africa / Robert Folk; guitar, Michael Thompson; producer, Robert Folk, Danny Bramson; mix, Tommy Vicari; recording, Tommy Vicari (03:40)

Useful Resources

- List of APIs used
 - MusicBrainz
 - DBpedia
 - Wikidata
 - VIAF
 - ISNI
 - Library of Congress Linked Data Service
- MARC <u>discussion paper</u> on using \$0 & \$1 for URIs

Questions?

Lucas Mak
Michigan State University Libraries
makw@msu.edu