Unity in Diversity,
ETDs at UNT:
and a look towards BibFrame
Ralph Hartsock and
Daniel Gelaw Alemneh
University of North Texas
Texas Music Library Association
University of North Texas,
Denton, Texas
October 3, 2014
Panelists:

- **Ralph Hartsock**  
  Senior Music Catalog Librarian  
  University of North Texas Libraries  
  Ralph.Hartsock@unt.edu

- **Daniel Alemneh**  
  Digital Curation Coordinator  
  University of North Texas Libraries  
  Daniel.Alemneh@unt.edu
Objectives

- Compare 8 cases of ETD or dissertation treatment
- Offer models in RDA to remedy some of these
- Looks at certain aspects and pitfalls of BibFrame
Once the dissertation (ETD) is digitized, I can catalog it, the accompanying lecture recital, and other recitals that DMA students submit.
Case number one displays from OCLC as follows:

006 m o d
006 juun
007 c ‡b r ‡d a ‡e n
040 INT ‡b eng ‡e rda ‡c INT
0331020070410 ‡a 20080412 ‡a 20100416 ‡a 20120829 ‡b 4034 ‡c D5
090 MT145.L19 ‡b N4 2012
090 ‡b
049 INTM
1001 Nascimento Gimenes, Marilia Gabriela do, ‡e author, ‡e instrumentalist.
24510Osaldo Lacerda's Sonata for flute and piano (1959) : ‡b a performance guide with historical background of Brazilian genres embolada, seresta, and baião / ‡c Marilia Gabriela do Nascimento Gimenes, B.M., M.M.
264 1[Denton, Texas] : ‡b University of North Texas, ‡c 2012.
264 4‡c ©2012
300 1 online resource (v, 83 pages) : ‡b illustrations, music
300 4 online resources (4 audio files)
336 text ‡b txt ‡2 rdacontent
336 performed music ‡b prm ‡2 rdacontent
337 computer ‡b c ‡2 rdamedia
338 online resource ‡b cr ‡2 rdaconerrier
344 digital ‡2 rda
Osvaldo Lacerda's Sonata for flute and piano (1959): a performance guide with historical background of Brazilian genres embolada, seresta, and baiano Responsibility Marilia Gabriela do Nascimento Gimenes, B.M., M.M.

Publication Info: Denton, Texas: University of North Texas, 2012
Copyright Notice Date: ©2012

Series: NT dissertation, Music; 2012

Connect to online resource.
Recital, recorded April 10, 2007, in digital collections. Access restricted to the University of North Texas campus.
Recital, recorded April 12, 2008, in digital collections. Access restricted to the University of North Texas campus.
Recital, recorded April 16, 2010, in digital collections. Access restricted to the University of North Texas campus.

Location Call Number Status Notes Barcode MUSIC ONLINE RESOURCES MT145.L19 N4 2012 AVAILABLE

More Item Details
Author/Creator Nascimento Gimenes, Marilia Gabriela do, author, instrumentalist
Contributors Mary Karen Clardy, major professor.
Subjects Lacerda, Osvaldo, 1927-2011. Sonatas, flute, piano

Notes
Mode of access: Internet, via World Wide Web.
System requirements: Adobe Reader. Title from title page display.
"December 2012."

Physical Description
1 online resource (v, 83 pages): illustrations, music
4 online resources (4 audio files)

Audio Aspects digital Digital File Aspects text file; PDF audio file OCLC Number 858802859
Case number 1: **UNT ETD**

Advantages:

- Unified or integrated bibliographic record of the document, all recitals, and the lecture recital.
- Topic has focus: Title created by student
- OCLC users may see the entirety of links, and observe listed contents online, including contents of the audio recording itself.
- Like other streamed recording, only those in the UNT community of users can listen to the audio.
- Curation controlled by Digital Projects
Case number 1: UNT ETD

Limitation:
- OCLC record has access points only for the document, not all the recordings.
Case number 2: University of Northern Iowa

- Michael C. Thursby
- Recital, a physical manifestation, with printed abstract as accompanying material
- Advantage: OCLC access points to specific pieces
- CDs available for local circulation
- RDAizing the record creates links
Case number 2: University of Northern Iowa

- Michael C. Thursby
- RDAizing the record creates links
  - Relationship designators:
    - composer
    - author
    - instrumentalist
    - sponsoring body
    - Container of (work)
This is the public view for Thursby’s master’s thesis, on the slide.

Below are the original record in OCLC, and an RDAized record for this thesis.

007  s †b d †f e u †f n †g h †h n †i n
040 NIU †c NIU †d OCLCF †d OCLCO
090 LD2585 †b .T535
090 †b
049 INTT
1001 Thursby, Michael C.
24512A graduate recital in percussion †h [sound recording] : †b conflict and resolution / †c Michael C. Thursby.
2461 Conflict and resolution
260 †c 2010.
300 1 sound disc : †b digital ; †c 4 3/4 in. + †e 1 abstract ([17] leaves ; 28 cm.)
500 Title from abstract.
504 Includes bibliographical references (leaf [17] of abstract)
500 Compact disc.
500 Performance program bound with abstract.
5110 Michael C. Thursby, percussion ; with accompanying percussionists (4th work)
518 Recorded Mar. 5, 2010, Davis Hall, Gallagher-Bluedorn Performing Arts Center, Cedar Falls, Iowa.
5050 The final precipice / Jeffrey Peyton -- Rebonds b / Iannis Xenakis -- In the fire of conflict / Christos Hatzis -- Pegasus / Ben Wahlund -- The ascent of serenity / Michael Thursby.

650 O Percussion music.

650 7 Percussion music. ‡2 fast ‡0 (OCoLC)fst01057740

70012 Peyton, Jeffrey. ‡t Final precipice.

70012 Xenakis, Iannis. ‡t Rebonds b.

70012 Hatzis, Christos, ‡d 1953- ‡t In the fire of conflict.

70012 Wahlund, Ben. ‡t Pegasus.

70012 Thursby, Michael C. ‡t Ascent of serenity.

7102 University of Northern Iowa. ‡b School of Music.

8102 University of Northern Iowa. ‡t Master's thesis; ‡f 2010.

==========

RDAized by Ralph Hartsock

\[ s \] b d \#d f \#e u \#f n \#g h \#h n \#i n
040 NIU \#b eng \#e rda \#c NIU \#d OCLCF \#d OCLCO
0330020100305 \#b 4154 \#c C3:2U6
090 LD2585 \#b .T535
090 \#b
049 INTT
1001 Thursby, Michael C., ‡e composer, ‡e author, ‡e instrumentalist.
24512 A graduate recital in percussion : ‡b conflict and resolution / ‡c Michael C. Thursby.
2461 Conflict and resolution
260 ‡c 2010.
264 1 Cedar Falls : ‡b University of Northern Iowa, ‡c 2010.
300 1 audio disc ; ‡c 4 3/4 in. + ‡e 1 abstract ([17] leaves ; 28 cm.)
336 performed music ‡b prm ‡2 rdacontent
336 text ‡b txt ‡2 rdacontent
337 audio ‡b s ‡2 rdamedia
337 unmediated ‡b n ‡2 rdamedia
338 audio disc ‡b sd ‡2 rdacarrier
338 volume ‡b nc ‡2 rdacarrier
344 digital ‡g stereo ‡2 rda
347 audio file ‡b CD audio ‡2 rda
38201 percussion ‡2 lcmt
500 Title from abstract.
500 Performance program bound with abstract.
5110 Michael C. Thursby, percussion ; with accompanying percussionists (4th work)
518 §o Recorded at §p Davis Hall, Gallagher-Bluedorn Performing Arts Center, Cedar Falls, Iowa, §d 2010 March 5.
502 §b M.M. §c University of Northern Iowa §d 2010
504 Includes bibliographical references (leaf [17] of abstract)
The final precipice / Jeffrey Peyton -- Rebonds b / Iannis Xenakis -- In the fire of conflict / Christos Hatzis -- Pegasus / Ben Wahlund -- The ascent of serenity / Michael Thursby.

0Percussion music.

70012 Container of (work): †a Peyton, Jeffrey. †t Final precipice.
70012 Container of (work): †a Xenakis, Iannis, †d 1922-2001. †t Rebonds b.
70012 Container of (work): †a Hatzis, Christos, †d 1953- †t In the fire of conflict.
70012 Container of (work): †a Wahlund, Ben. †t Pegasus.
70012 Container of (work): †a Thursby, Michael C. †t Ascent of serenity.
7102 University of Northern Iowa. †b School of Music, †e sponsoring body.
8102 University of Northern Iowa. †t Master's thesis ; †f 2010.
Case number 3:  
Ohio University

- Thesis by Anastasios Polis
- Thesis and six supplementary recordings, including interviews and concerts
- Advantage: OCLC access to each manifestation
- Disadvantage: None is linked

Original bibliographic record for thesis by Polis:

```
040  OUN  Œc OUN  Œd OCL  Œd OCLCQ  Œd OCLCG  Œd OCLCA
090  Œb
049  INTT
1001  Polis, Anastasios.
24514  The music of Karl Ahrendt : Œb an annotated thematic index.
260  Œc 1999.
300  xiv, 196 leaves : Œb ill., music.
60010  Ahrendt, Karl, Œd 1904-1993 Œv Indexes.
60010  Ahrendt, Karl, Œd 1904-1993 Œv Discography.
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Original bibliographic record for one of the augmentations of Polis’s thesis.

```
007  s  Œb s  Œd l  Œe s  Œf n  Œg j  Œh l  Œi c  Œm c
040  OUN  Œb eng  Œc OUN  Œd OCLCG  Œd OCLCA  Œd OCLCQ  Œd OCLCA  Œd OCLCF  Œd OCLCQ
048  ca
048  sa01  Œa sc01
048  bb01  Œa ka01
```

500  Produced as part of Anastasios Polis's master's thesis.

505  Happy birthday -- Alleluia -- 1965 (Ohio University Singers; Peter Jarjisian, conductor) -- Three profiles for cello and violin -- 1973 (Howard Beebe, violin; Leighton Conkling, cello) -- Concert piece for trumpet and piano -- 1981 (Ernst Bastin, trumpet; Nancy Zipay, piano) -- Trio for piano, violin and cello -- 1972 (Howard Beebe, violin; Leighton Conkling, cello; Richard Syracuse, piano) -- Conversations for woodwind quintet -- 1977 [no performers listed] -- Montage for orchestra -- 1972 (Ohio University Symphony Orchestra; Markand Thakar, conductor).

650 0  Alleluia (Music) 1  
650 0  Violin and cello music. 1  
650 0  Trumpet and piano music. 1  
650 0  Piano trios. 1  
650 0  Woodwind quintets. 1  
650 0  Orchestral music. 1  
650 7  Alleluia (Music) $f$ 2 fast $f$ 0 (OCoLC)fst00805523 1  
650 7  Orchestral music. $f$ 2 fast $f$ 0 (OCoLC)fst01047289 1  
650 7  Piano trios. $f$ 2 fast $f$ 0 (OCoLC)fst01063478 1  
650 7  Trumpet and piano music. $f$ 2 fast $f$ 0 (OCoLC)fst01158078 1  
650 7  Violin and cello music. $f$ 2 fast $f$ 0 (OCoLC)fst01861866 1  
650 7  Woodwind quintets. $f$ 2 fast $f$ 0 (OCoLC)fst01179845 1  
700 1  Polis, Anastasios.
Case number 3:
Ohio University

- Thesis by Anastasios Polis
- RDAizing the record creates links, that are reciprocal
- The annotated thematic index is augmented by each recording.
- Each recording augments the annotated thematic index.

RDAized records:

040  OUN  þb eng  þe rda  þc OUN  þd OCL  þd OCLCQ  þd OCLCG  þd OCLCA
090  þb
049  INTM
1001 Polis, Anastasios, þe author.
24514The music of Karl Ahrendt : þb an annotated thematic index.
264 1Athens, Ohio : þb Ohio University, þc 1999.
300  xiv, 196 leaves : þb illustrations, music.
336  text þb txt  þ2 rdacontent
337  unmediated þb n  þ2 rdamedia
338  volume þb nc  þ2 rdacarrier
546  English text.
502  þb M.M. þc Ohio University þd 1999.
60010Ahrendt, Karl, þd 1904-1993  þv Indexes.
60010Ahrendt, Karl, þd 1904-1993  þv Discography.
þd Athens, Ohio : Anasatsios Polis, 1999. þh 1 sound disc (42 min.) : digital, stereo.; 4 3/4 in. þw (OCoLC)42441123
Reciprocal linking fields from recording to the thesis, RDAized.

007  s ‡b s ‡d l ‡f n ‡f s ‡f j ‡g h l ‡i c ‡m c
040  OUN ‡b eng ‡e rda ‡c OUN ‡d OCLCG ‡d OCLCA ‡d OCLCQ ‡d OCLCA ‡d OCLCF ‡d OCLCQ
0330019890124
048  ca
048  sa01 ‡a sc01
048  bb01 ‡a ka01
048  sa01 ‡a sc01 ‡a ka01
048  wa01 ‡a wb01 ‡a wc01 ‡a wd01 ‡a ba01
048  oa
090  ‡b
049  INTT
1001 Ahrendt, Karl, ‡d 1904-1993, ‡e composer.
24010Works. ‡k Selections
2451085th birthday celebration : ‡b January 24, 1989 / ‡c Karl Ahrendt.
264 1[Athens, Ohio] : ‡b Anastasios Polis, ‡c 1999.
300 1 audio disc (61 min.) ; ‡c 4 3/4 in.
306 000109 ‡a 000559 ‡a 001130 ‡a 000649 ‡a 001309 ‡a 001147 ‡a 001008
336  performed music ‡b prm ‡f 2 rdacent
337  audio ‡b s ‡f 2 rdamedia
338  audio disc ‡b sd ‡f 2 rdacarrier
344  digital ‡g stereo ‡f 2 rda
347  audio file ‡b CD audio ‡f 2 rda
500  Title from disc label.
500 Produced as part of Anastasios Polis's master's thesis.
5050 Happy birthday -- Alleluia -- 1965 (Ohio University Singers ; Peter Jarjisian, conductor) --
Three profiles for cello and violin -- 1973 (Howard Beebe, violin; Leighton Conkling, cello) --
Concert piece for trumpet and piano -- 1981 (Ernst Bastin, trumpet; Nancy Zipay, piano) --
Trio for piano, violin and cello -- 1972 (Howard Beebe, violin; Leighton Conkling, cello;
Richard Syracuse, piano) -- Conversations for woodwind quintet -- 1977 [no performers
listed] -- Montage for orchestra -- 1972 (Ohio University Symphony Orchestra; Markand
Thakar, conductor).
518 †o Recorded †d 1989 January 24.
650 0Alleluia (Music)
650 0Violin and cello music.
650 0Trumpet and piano music.
650 0Piano trios.
650 0Woodwind quintets.
650 0Orchestral music.
7001 Polis, Anastasios, †e producer.
7001 Jarjisian, Peter, †e conductor.
70012‡i Container of (work): †a Ahrendt, Karl, †d 1904-1993. †t 1965.
7102 Ohio University. †b Singers, †e singer.
77608‡i Augmentation of (manifestation): †a Polis, Anastasios. †t The music of Karl Ahrendt:
an annotated thematic index.. †d Athens, Ohio : Ohio University, 1999. †h xiv, 196 leaves:
illustrations, music. †w (OCoLC)42670709
Case number 4: 
Ohio State University

- [Tiffany Damicone recital]
- No paper dissertation with recital
- No lecture, no unifying text
- Title devised by cataloguer

OCLC record for Tiffany Damicone recital

007  s #b d #d f #e u #f n #g g #h n #i n #m e #n u
040  OSU #b eng #c OSU #e rda
0330020120514 #b 4084 #c C6:2O6
0410 #g eng
043  n-us-oh
047  co #a bl #a sn
048  #b ba01 #a ka01
048  #b ba02 #a ka01
048  ba01
048  ba01 #a ka01
090  #b
049  INTT
24500[Tiffany Damicone recital]
264 0[Columbus, Ohio] : #b The Ohio State University School of Music, #c [2013]
300 1 audio disc ; #c 4 3/4 in.
336  performed music #2 rdacontent
336  text #2 rdacontent #3 liner notes
337  audio #2 rdamedia
337  unmediated #2 rdamedia #3 liner notes
338  audio disc #2 rdacarrier
"This recital is in partial fulfillment of the degree of Doctorate of Musical Arts for Ms. Damicone"--Program.

Romance in E, op. 67 / Camille Saint-Saëns -- Concerto for 2 horns in E flat / Antonio Rosetti -- Happy blues / Nagy Zsolt -- Sonate for horn and piano, op. 7 / Jane Vignery.

Music Ohio Columbus.

Horn music.

Concertos (Horns (2)) +v Solo with piano.

Sonatas (Horn and piano)

Damicone, Tiffany N., +e instrumentalist.

Michal, Josh, +e instrumentalist.

Yoon, Jiung, +e instrumentalist.

Saint-Saëns, Camille, +d 1835-1921. +t Romances, +m horn, orchestra, +n op. 67, +r E major; +o arranged.

Rosetti, Antonio, +d approximately 1750-1792. +t Concertos, +m horns (2), orchestra, +n M. C57, +r E♭ major; +o arranged.

Nagy, Zsolt, +d 1978- +t Happy blues.

Vignery, Jane, +d 1913-1974. +t Sonata, +m horn, piano, +n op. 7.

Ohio State University. +b School of Music, +e sponsoring body.
Juliana Yap wrote his dissertation on Margaret Ruthven Lang: her life and piano works. This is an electronic resource.

OCLC record for this dissertation:

006  m o d s
007  c ‡b r ‡d m ‡e n
040  WVU ‡c WVU ‡d OCLCO
090  ‡b
049  INTT
1001 Yap, Juliana.
24510Margaret Ruthven Lang ‡h [electronic resource]: ‡b her life and piano works / ‡c Juliana Yap.
260  Morgantown, W. Va. : ‡b [West Virginia University Libraries], ‡c 2013.
538  System requirements: World Wide Web browser ; PDF reader.
538  Mode of access: Available through the Internet.
500  Title from document title page.
500  Document formatted into pages; contains v, 129 p. : music
500  Includes abstract.
504  Includes bibliographical references (p. 127-129).
60010Lang, Margaret Ruthven ‡v Biography.
650 0Women composers ǂ z United States ǂ v Biography.
650 0Pianists ǂ z United States ǂ v Biography.
650 0Piano music ǂ v Bibliography.
85640ǂu http://hdl.handle.net/10450/14875
The OCLC records were created piecemeal, one at a time. This allows some access in near term, but less precise access in the long term.

1001 Bustos, Isaac.
260 ‡c 2007.
300 2 sound discs : ‡b digital, stereo. ; ‡c 4 3/4 in.

1001 Bustos, Isaac.
260 ‡c 2008.
300 1 sound disc : ‡b digital ; ‡c 4 3/4 in. + ‡e 1 recital program.
502 Thesis recital (D.M.A.)--University of Texas at Austin, 2008.

1001 Bustos, Isaac.
260 ‡c 2010.
300 1 sound disc: b digital; c 4 3/4 in. + e 1 recital program.
85642+y Program +u
http://repositories.lib.utexas.edu/bitstream/handle/2152/11386/BustosIsaac_DMA2_04-19-2010_TF.pdf

1001 Bustos, Isaac.
260 c 2010.
300 1 sound disc: b digital; c 4 3/4 in. + e 1 recital program.
85642+y Program +u
http://repositories.lib.utexas.edu/bitstream/handle/2152/11387/BustosIsaac_DMAL_05-01-2010_TF.pdf
This program had a unifying title.
Case number 7: University of Iowa

- Name changes, even from a change in the manifestation of the same work
- Barbara C. Phillips Farley
- Entered as Farley, Barbara C. Phillips. For the 1991 dissertation
- Entered as Phillips–Farley, Barbara, the author. For the digitized 1991 dissertation

A history of the Center for New Music at the University of Iowa, 1966-1991 / by Barbara C. Phillips Farley.

The blue underline indicates this is linked to a validated NACO record.
Case number 8: Unity for the sake of expediency

- Previous policy at UNT was to unite all manifestations of the dissertations.
- Advantage: expediency, allowing one to simply change local system, III
- Disadvantages: Manifestations are not reflected in OCLC
- Interlibrary Loan may bypass UNT, even though there is an available copy, but in long term, digital will prevail.
- Solution: RDA allows linkages such as “Reproduction of” or “Reproduced as”.
The record on OCLC represents only the microfilm. The record in the local system (Sierra by III) represents all formats.
Conclusions

- **UNT Practice** treats lecture as unifying element/title
- Bibliographic record resembles a kit with accompanying material
- Links are made.
- Audio contents available to view.
- Better long term management.

- Other models
- Leave disjointed performances, unlinked
- Ignore the performance altogether
- Require contrived titles, with less tangibility

Streaming Audio available only at UNT

Audio discs or streaming audio available locally.
BibFrame

- [http://www.loc.gov/bibframe/](http://www.loc.gov/bibframe/)
- Bibliographic Framework Initiative
- Initiated by the Library of Congress, BIBFRAME provides a foundation for the future of bibliographic description, both on the web, and in the broader networked world.
This is the Bibframe web page.
This page is rapidly evolving. Resources are being added frequently. BIBFRAME Relationships is new, and coming soon—MARC mapping.
We currently work in MaRC for the bibliographic records in OCLC that the international community sees. In the not to distant future, MaRC is going to be phased out. BibFrame, or the Bibliographic Framework is not yet fully published, so I can only imagine the attributes it would have.
MARC vs. Bibframe

- 382 is machine readable field for Medium of Performance
- If the musicMediumNote, equals 382, then the number of performers may not be usable
- If it is musicMedium, then the Note would be for textual reading.
- Certain MARC fields have not had a parallel BF field: 347 (Digital characteristics)

<table>
<thead>
<tr>
<th>MARC Format</th>
<th>Bibframe</th>
</tr>
</thead>
</table>

040   INT ‡b eng ‡e rda ‡c INT
090   M1205.L25 ‡b B5 2013
049   INTM
1001  Lamb, Christopher, ‡d 1989- ‡e composer, ‡e author.
245   10 Blueline concerto : ‡b critical essay / ‡c Christopher Lamb, B.M.
264   1 [Denton, Texas] : ‡b University of North Texas, ‡c 2013.
264   4 ‡c ©2013
300   1 online resource (1 score (iv, 76 pages)) : ‡b illustrations, music
336   text ‡b txt ‡2 rdacontent
336   notated music ‡b ntm ‡2 rdacontent
337   computer ‡b c ‡2 rdamedia
338   online resource ‡b cr ‡2 rdcarrier
347   text file ‡b PDF ‡2 rda
380   Concertos ‡2 lcsh
382   01 bass trombone ‡n 1 ‡a wind ensemble ‡2 lmpt
490   1 NT thesis, Music ; ‡v 2013
546   ‡b Staff notation.
546   Commentary in English.
538   Mode of access: Internet, via World Wide Web.
System requirements: Adobe Reader.
Title from title page display.
"May 2013."
‡b M.A. ‡c University of North Texas ‡d 2013.
Includes analysis by the composer (pages 1-38).
Includes bibliographical references (pages 37-38).
Concertos (Bass trombone with band) ‡v Scores.
Klein, Joseph, ‡d 1962- ‡e major professor.
‡i Container of (work): ‡a Lamb, Christopher, ‡d 1989- ‡t
Blueline concerto.
NT thesis, Music ; ‡v 2013.
http://digital.library.unt.edu/ark:/67531/metadc283800 ‡z connect to online resource.

Below are the camel cased designations for BibFrame, underlined in blue.

classificationLcc
M1205
shelfMarkLcc
M1205.L25 B5 2013
authorizedAccessPoint
Lamb, Christopher, ‡d 1989- ‡e composer, ‡e author.
titleStatement
Blueline concerto
subtitle
critical essay
responsibilityStatement
Christopher Lamb, B.M.
providerPlace
[Denton, Texas]
providerName
University of North Texas
providerDate
2013.
copyrightDate
‡c ©2013
extent
1 online resource (1 score (iv, 76 pages)) : illustrations, music
contentCategory
text
contentCategory
notated music
mediaCategory
computer
carrierCategory
online resource
text file ǂb PDF ǂ2 rda
genre
Concertos
musicMedium
bass trombone ǂn 1 ǂa wind ensemble ǂ2 lcmpt
series
NT thesis, Music ; 2013
notation
ǂb Staff notation.
note
Commentary in English.
note
Mode of access: Internet, via World Wide Web.
note
System requirements: Adobe Reader.
note
Title from title page display.
note
"May 2013."
dissertationDegree
M.A.
dissertationInstitution
University of North Texas
dissertationYear
2013
note
Includes analysis by the composer (pages 1-38).
note
Includes bibliographical references (pages 37-38).
subject
Concertos (Bass trombone with band) ǂv Scores.
authorizedAccessPoint
Klein, Joseph, ǂd 1962- ǂe major professor.
authorizedAccessPoint
†i Container of (work): †a Lamb, Christopher, †d 1989- †t Blueline concerto.
series
itemId
†u http://digital.library.unt.edu/ark:/67531/metadc283800 †z connect to online resource.
Much of this information resides in an authority record. If this composer, for example, chooses to be known as Chris Lamb, one change in the authority record will be reflected in all bibliographic records attached to that authority record.
DOI = Digital Object Identifier
Derived from BIBFRAME Relationships Draft Specification — 25 April 2014
http://www.loc.gov/bibframe/docs/bibframe-relationships.html
2 Million + Total Uses from more than 200 countries

UNT’s ETDs are used by millions worldwide.
Thank you!