

# **Using MARC Facets for Music with Primo: Strategies and Challenges**

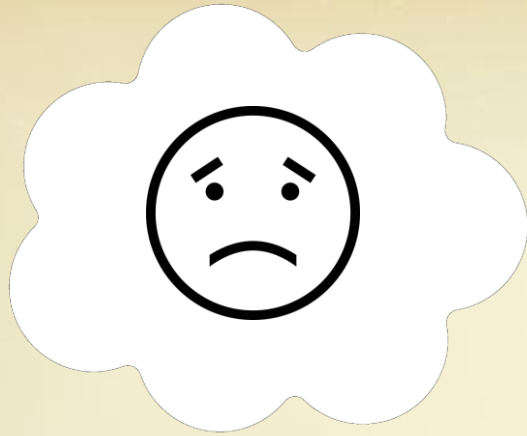


***Faceted Subject Access  
Interest Group***

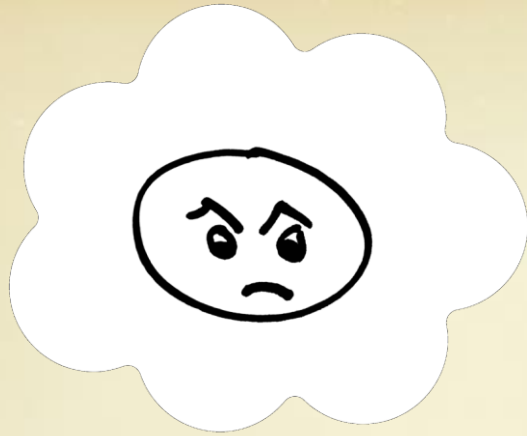
***ALA Midwinter  
February 10, 2018***

***Kelley McGrath  
Metadata Management Librarian  
University of Oregon***

# Why can't I find saxophone music?



# Why don't you buy any sax music?



Icons made by [Freepik](http://www.freepik.com) from [www.flaticon.com](http://www.flaticon.com)

# Instrumentation in LCSH

Didjeridu and saxophone music

Marches (Saxophone and piano)

Quartets (Piano, saxophones (2), vibraphone)

Recorded accompaniments (Saxophone)

Saxophone and electronic music

Saxophone and piano music

Saxophone music

Saxophone music (Saxophones (2))

Saxophones (2) with orchestra

Saxophones (4) with string orchestra

Sonatas (Saxophone and piano)

Symphonies (Saxophones (4) with orchestra)

Variations (Piano, saxophone, percussion, double bass with orchestra)

Woodwind trios (Saxophones (3))

# MARC 048

## Number of Musical Instruments or Voices Code

048 \$a wi01 \$a ka01

= 1 sax + 1 piano

\$a Performer or ensemble

\$b Soloist

### Short list

wa: Flute

wb: Oboe

wc: Clarinet

wd: Bassoon

we: Piccolo

wf: English horn

wg: Bass clarinet

wh: Recorder

wi: Saxophone

wn: Woodwinds - Unspecified

wu: Woodwinds - Unknown


wy: Woodwinds - Ethnic

wz: Woodwinds - Other


# LCMPT

## Library of Congress Medium of Performance Thesaurus for Music

- stand-alone vocabulary
- terminology to describe the instruments, voices, etc., used in the performance of musical works
- based chiefly on existing LC subject headings



alto saxophone  
baritone saxophone  
saxophone  
saxophone ensemble



single reed instrument  
reed instrument  
woodwind instrument  
wind instrument  
...  
performer

# MARC 382: Medium of Performance

382 01 \$a saxophone \$n 1 \$a piano \$n 1 \$s 2 \$2lcmp

\$a - Medium of performance (R)

\$b - Soloist (R)

\$d - Doubling instrument (R)

\$e - Number of ensembles of the same type (R)

\$n - Number of performers of the same medium (R)

\$p - Alternative medium of performance (R)

\$r - Total number of individuals performing alongside ensembles (NR)

\$s - Total number of performers (NR)

\$t - Total number of ensembles (NR)

\$v - Note (R)

\$3 - Materials specified (NR)



# Medium of Performance

How to use with facets?

What questions do users want to answer?

What questions can we use facets to answer within the limitations of ...

- The available data (amount and form)?
- The technological tools available?



# Number of performers with medium

Search for items with

<http://www.bsu.edu/libraries/librarycatalogs/chambermusic.htm>

This EXACT instrumentation

INCLUDING these instruments (and possibly others)

EXACTLY  part(s) (Example: choose 2 parts and select 1 flute below to find duets for flute and any other instrument)

## Common Instrumentation

Woodwind Quintet

Brass Quintet

String Quartet

Piano Trio

String Quintet

## Woodwinds

Piccolo

Oboe

Clarinet

Bassoon

Flute

English Horn

Saxophone

Select other

## Brass

Horn

Cornet

Baritone

Select other

Trumpet

Trombone

Tuba

## Strings

Violin

Violoncello

Guitar

Select Other

Viola

Double Bass

Harp

Select Other

## Keyboard

Piano

Organ

Harpsichord

Select Other

## Percussion

Select instrument

Select instrument

Select instrument

## Electronic & Other

Tape

Synthesizer

Computer

Select Other

Genre:

# MARC 048

## Number of Musical Instruments or Voices Code

Local implementation of codes maintained by the International Association of Music Libraries, Archives and Documentation Centres (IAML)

048 \$a 01wsa \$a01kpf \$x02xx \$z sn \$z chbr \$2 local

[mapped from LCSH: Sonatas (Saxophone and piano)  
sonata for 1 saxophone and 1 piano]

\$a Performer or ensemble

\$x Total number of parts

\$z genre (also IAML code)

\$z comprehensive marker for scope



# Exact instrumentation

Search for items with

- This EXACT instrumentation**
- INCLUDING these instruments (and possibly others)
- EXACTLY  part(s) (Example: choose 2 parts and select 1 other instrument)

## Common Instrumentation

- Woodwind Quintet
- Brass Quintet
- Piano Trio

## Woodwinds

- |     |         |     |              |     |           |
|-----|---------|-----|--------------|-----|-----------|
| 0 ▾ | Piccolo | 0 ▾ | Oboe         | 0 ▾ | Clarinet  |
| 0 ▾ | Flute   | 0 ▾ | English Horn | 1 ▾ | Saxophone |

## Brass

- |     |         |     |          |     |           |
|-----|---------|-----|----------|-----|-----------|
| 0 ▾ | Horn    | 0 ▾ | Cornet   | 0 ▾ | Baritone  |
| 0 ▾ | Trumpet | 0 ▾ | Trombone | 0 ▾ | Euphonium |

## Strings

- |     |             |     |             |
|-----|-------------|-----|-------------|
| 0 ▾ | Violin      | 0 ▾ | Viola       |
| 0 ▾ | Violoncello | 0 ▾ | Double Bass |

## Keyboard

- |     |       |     |       |
|-----|-------|-----|-------|
| 1 ▾ | Piano | 0 ▾ | Organ |
|-----|-------|-----|-------|

"(chbr SAME 01wsa SAME 01kpf SAME 02xx){048}" search found 257 titles.

Pages << 1 2 3 4 5 6 7 8 9 10 11 12 13 >>

[Go to QuickList](#)

**Pendulum III : for piano and alto saxophone (2009) *Composer ed.***

Mincek, Alex, 1975-

M269.M56 P4 2014

2014

Music Collection, Bracken, Lower Level West

# Includes instrument

Search for items with

- This EXACT instrumentation
- INCLUDING these instruments (and possibly others)
- EXACTLY  part(s) (Example: choose 2 parts and select other instrument)

## Common Instrumentation

- Woodwind Quintet
- Brass Quintet
- Piano Trio

## Woodwinds

- |  |   |   |
|--|---|---|
| <input type="text" value="0"/> ▾ Piccolo | <input type="text" value="0"/> ▾ Oboe         | <input type="text" value="0"/> ▾ Clarinet               |
| <input type="text" value="0"/> ▾ Flute   | <input type="text" value="0"/> ▾ English Horn | <input checked="" type="text" value="any"/> ▾ Saxophone |

## Brass

- |  |   |   |
|--|---|---|
| <input type="text" value="0"/> ▾ Horn    | <input type="text" value="0"/> ▾ Cornet | <input type="text" value="0"/> ▾ Baritone |
| <input type="text" value="0"/> ▾ Trumpet | <input type="text" value="0"/> ▾ Tuba   |   |

## Strings

- |  |  |
|--|--|
| <input type="text" value="0"/> ▾ Violin      | <input type="text" value="0"/> ▾ Viola       |
| <input type="text" value="0"/> ▾ Violoncello | <input type="text" value="0"/> ▾ Double Bass |

## Keyboard

- |  |  |
|--|--|
| <input type="text" value="0"/> ▾ Piano | <input type="text" value="0"/> ▾ Organ |
|--|--|

"(chbr SAME 0?wsa){048}" search found 586 titles.

Pages << 1 2 3 4 ...10 ...20 ...30 >>

[Page to QuickList](#)

### Robert Morris at 70 : compositions and performances

Morris, Robert, 1943- composer, honouree.  
COMPACT DISC 22979  
2014  
Music Collection, Bracken Lower Level West

# Exact number of parts

Search for items with

- This EXACT instrumentation
- INCLUDING these instruments (and pos
- EXACTLY  part(s) (Example: other instru

## Common Instrumentation

- Woodwind Quintet  Bra
- Pia

## Woodwinds

- Piccolo  Oboe
- Flute  English Horn

## Brass

- Horn  Cornet
- Trumpet  Trombone

## Strings

- Violin  Violoncello
- Viola  Double Bass

## Keyboard

- Piano  Organ

## Percussion

Select instrument ▼

## Electronic & Other

- Tape  Synthesizer

Genre:

"(chbr SAME 02XX SAME fg){048}" search found 46 ti

Pages << 1 2 3 >>

dd all on this page to QuickList



**Romantische Klaviermusik : 23 Stücke für Klavier vierhändig. Band 1 = Romantic piano music : 23 pieces for piano duet. Volume 1 = Musique romantique pour piano : 23 pièces pour piano à quatre mains**

Börner, Klaus. ed

M201 .R66 2011

2011

Music Collection, Bracken, Lower Level West

# Primo normalization rules

**Rule group** facets\_lfc07

**Source** Type: MARC, Field: 382, Ind1: , Ind2: , Subfield: Include, s,  Enabled

**Conditions logic** True

**Condition 1 - Logic** True

**Condition 1 - Source** Type: MARC, Field: 382, Ind1: , Ind2: , Subfield: Include, s, Success If: Match Current

**Condition1 - Routines** General Parameter: , Routine: Check string equals string, Parameter: 1

**Transformations** Transformation: Add to end of string, Parameter: ^performer, Behavior: ADD

382 \$s 1 → 1 performer  
382 \$s 2 →

**Music: Number of Performers**

- 1 performer (87)
- 2 performers (62)
- ensemble (61)
- 4 performers (32)
- 3 performers (23)
- More options ▾

# Medium of performance facet

382 \$a [medium]

382 \$b [soloist]

382 \$b + « (solo) »

Refine Search		
Include	Exclude	Music: Medium of Performance
<input type="checkbox"/>	<input type="checkbox"/>	mixed chorus (10)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (9)
<input type="checkbox"/>	<input type="checkbox"/>	piano (8)
<input type="checkbox"/>	<input type="checkbox"/>	soprano saxophone (7)
<input type="checkbox"/>	<input type="checkbox"/>	baritone saxophone (6)
<input type="checkbox"/>	<input type="checkbox"/>	tenor saxophone (6)
<input type="checkbox"/>	<input type="checkbox"/>	soprano voice (5)
<input type="checkbox"/>	<input type="checkbox"/>	soprano voice (solo) (5)
<input type="checkbox"/>	<input type="checkbox"/>	trumpet (5)
<input type="checkbox"/>	<input type="checkbox"/>	percussion (5)
<input type="checkbox"/>	<input type="checkbox"/>	bass voice (5)
<input type="checkbox"/>	<input type="checkbox"/>	double bass (5)
<input type="checkbox"/>	<input type="checkbox"/>	viola (4)
<input type="checkbox"/>	<input type="checkbox"/>	cello (4)
<input type="checkbox"/>	<input type="checkbox"/>	bass voice (solo) (4)
<input type="checkbox"/>	<input type="checkbox"/>	trombone (3)
<input type="checkbox"/>	<input type="checkbox"/>	tenor voice (3)
<input type="checkbox"/>	<input type="checkbox"/>	tenor voice (solo) (3)
<input type="checkbox"/>	<input type="checkbox"/>	orchestra (3)
<input type="checkbox"/>	<input type="checkbox"/>	instrumental ensemble (3)

## Music: Medium of Performance

mixed chorus (10)  
alto saxophone (9)  
piano (8)  
soprano saxophone (7)  
baritone saxophone (6)

More options ▾

# Medium of performance facet

## Music: Medium of Performance

piano (2,440)  
violin (2,269)  
cello (1,206)  
viola (652)  
clarinet (466)



[More options](#) ▾


Results 1 - 20 of 2,145 for nrwg music

Sorted by: R

**AND**

Refined by:

1   **Complete music for solo piano & violin and piano**  
Luigi Dallapiccola, 1904-1975, composer, arranger of music.; Maria Clementi, (Pianis Fanfoni, 1964- instrumentalist.; Leeuwarden : Brilliant Classics; 2015

 **Online access**

[Access Online](#)

[Details](#)

## Refine Search

Include	Exclude	Music: Medium of Performance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	piano (2,440)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	violin (2,269)
<input type="checkbox"/>	<input type="checkbox"/>	cello (1,206)
<input type="checkbox"/>	<input type="checkbox"/>	viola (652)
<input type="checkbox"/>	<input type="checkbox"/>	clarinet (466)

Results 1 - 20 of 2,564 for nrwg music

**OR**

Refined by:

1   **Complete music for solo piano & violin and piano**  
Luigi Dallapiccola, 1904-1975, composer, arranger of music.; Maria Clementi, (Pianis Fanfoni, 1964- instrumentalist.; Leeuwarden : Brilliant Classics; 2015

 **Online access**

[Access Online](#)

[Details](#)



# Medium of performance facet

## Music: Medium of Performance

piano (2,440)  
violin (2,269)  
cello (1,206)  
viola (652)  
clarinet (466)  
More options ▾

Results 1 - 20 of 2,145 for nrwg music

Sorted by: R

AND

Refined by: Music: Medium of Performance: piano x Music: Medium of Performance: violin x



### ☆ Complete music for solo piano & violin and piano

1 Luigi Dallapiccola, 1904-1975, composer, arranger of music.; Maria Clementi, (Pianis Fanfoni, 1964- instrumentalist.; Leeuwarden : Brilliant Classics; 2015



Audio CD

### ☆ Piano concerto ; Violin concerto

3 Kurt Atterberg, 1887-1974, composer.; Dan Franklin Smith, instrumentalist.; Christiar instrumentalist.; B. Tommy Andersson, conductor.; Gävle symfoniorkester, instrumen p1999

● Available at Knight Library Audio & Video Room (COMPACT DISC CX5963 )

Find in a library

Details

orchestra, op. 7, E minor.

**Format:** 1 audio disc (72 min.) : digital, stereo ; 4 3/4 in.

**Genre/Form:** Concertos; Concertos; Compact discs

**Additional subjects:** Concertos (Piano); Concertos (Violin)

**OCLC Number:** 53306586

**Alma IZ record number:** 9986955601852

**Alma NZ record number:** 99172176930001451

**Music Info:** ★piano (1); orchestra (solos for: piano)  
★violin (1); orchestra (solos for: violin)

# Total number of performers

## Refine Search

Include	Exclude	Music: Number of Performers
<input type="checkbox"/>	<input type="checkbox"/>	2 performers (107)
<input type="checkbox"/>	<input type="checkbox"/>	4 performers (84)
<input type="checkbox"/>	<input type="checkbox"/>	1 performer (44)
<input type="checkbox"/>	<input type="checkbox"/>	ensemble (42)
<input type="checkbox"/>	<input type="checkbox"/>	3 performers (14)
<input type="checkbox"/>	<input type="checkbox"/>	5 performers (12)
<input type="checkbox"/>	<input type="checkbox"/>	14 performers (10)
<input type="checkbox"/>	<input type="checkbox"/>	7 performers (10)
<input type="checkbox"/>	<input type="checkbox"/>	11 performers (9)
<input type="checkbox"/>	<input type="checkbox"/>	10 performers (7)
<input type="checkbox"/>	<input type="checkbox"/>	6 performers (5)
<input type="checkbox"/>	<input type="checkbox"/>	20 performers (4)



# Number of performers with medium

## Refine Search

Include	Exclude	Music: Medium of Performance Statement
<input type="checkbox"/>	<input type="checkbox"/>	soprano saxophone (1); alto saxophone (1); tenor saxophone (1); baritone saxophone (1) (58)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (1); piano (1) (39)
<input type="checkbox"/>	<input type="checkbox"/>	saxophone (1) (26)
<input type="checkbox"/>	<input type="checkbox"/>	saxophone (1); piano (1) (18)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (1) (10)
<input type="checkbox"/>	<input type="checkbox"/>	soprano saxophone (1); piano (1) (7)
<input type="checkbox"/>	<input type="checkbox"/>	baritone saxophone (1); piano (1) (6)
<input type="checkbox"/>	<input type="checkbox"/>	saxophone (1); piano (1); bass (1); drums (1) (5)
<input type="checkbox"/>	<input type="checkbox"/>	saxophone (2) (5)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (1); orchestra (1) (5)
<input type="checkbox"/>	<input type="checkbox"/>	tenor saxophone (1); piano (1) (5)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (2) (4)
<input type="checkbox"/>	<input type="checkbox"/>	alto saxophone (2); tenor saxophone (1); baritone saxophone (1) (4)
<input type="checkbox"/>	<input type="checkbox"/>	saxophone (4) (4)
<input type="checkbox"/>	<input type="checkbox"/>	horn (1); piano (1) (4)

# Challenges for collocation

Order matters:

piano (1); violin (2); viola (1); cello (1)  
violin (2); viola (1); cello (1); piano (1)

Music: Medium of Performance Statement

piano (1) (3,748) ★

violin (1); piano (1) (801)

piano (2) (413)

piano (1); orchestra (1) (349)

clarinet (1); piano (1) (207)

piano (1); violin (1); cello (1) (163)

violin (1); cello (1); piano (1) (161)

piano (1); orchestra (128)

piano (100) ★

oboe (1); piano (1) (90)

piano (1); violin (2); viola (1); cello (1) (68)

piano (1); violin (1); viola (1); cello (1) (50)

violin (2); viola (1); cello (1); piano (1) (43)

violin (1); viola (1); cello (1); piano (1) (36)

# Numeric designation of musical work

383

\$a Serial number (repeatable)

\$b Opus number (repeatable)

\$e Publisher associated with opus number (NR)

\$c Thematic index number (repeatable)

\$d Thematic index code (NR)

op. 21, no. 3

op. 23 op. 87

op. 21  
no. 3

op. 23  
op.87

## Music: Numeric Designation

op. 17 (9)

op. 33 (7)

K. 454 (1)

op. 23 op. 87 (1)

K. 386 (1)

# Musical key

384 \$a key

## Music: Musical Key

C major (11)

E $\flat$  major (11)

D major (8)

G major (6)

C minor (6)

More options 



# Composers and performers

## Top results for operas

### Composer

Verdi, Giuseppe, 1813-1901  
(2,913)

Mozart, Wolfgang Amadeus,  
1756-1791 (2,403)

Wagner, Richard, 1813-1883  
(2,283)

Puccini, Giacomo, 1858-  
1924 (1,770)

Rossini, Gioacchino, 1792-  
1868 (1,398)

More options ▾

### Performer

Wiener Philharmoniker (546)

Philharmonia Orchestra  
(London, England) (542)

Domingo, Plácido, 1941-  
(493)

London Symphony Orchestra  
(466)

Callas, Maria, 1923-1977  
(464)

More options ▾

# Composers and performers

## Any record

100/700	\$e = composer
---------	----------------

100/700	\$4 = cmp
---------	-----------

## Record format = score (ldr/06 = c or ldr/06 = d)

100	any
-----	-----

700 2 <sup>nd</sup> indicator 2	\$t (title) exists
---------------------------------	--------------------

## Record format = musical sound recording (ldr/06 = j)

100	240 (uniform title) exists
-----	----------------------------

700 2 <sup>nd</sup> indicator 2	\$t (title) exists
---------------------------------	--------------------



# Genre and form

Library of Congress Genre-Form Terms (LCGFT)

FAST headings

LCSH 600, 61, 611, 650, 651 \$v form subdivisions

Genre
Scores (1,481)
Excerpts (942)
Sound recordings (539)
Scores and parts (449)
Live sound recordings (354)
Symphonies (346)
Musical settings (291)
Chamber music (279)
Sonatas (227)
Parts (206)
Art music (197)
Sonatas (Piano) (194)
Excerpts, Arranged (183)
Arrangements (Music) (161)
Concertos (150)
Overtures (144)
Vocal scores with piano (109)
2-piano scores (92)
Music (77)
Cadenzas (76)

655	7	Manuscripts, +2 fast +0 (00)
	7	Sonatas (Piano) #2 lcgft

Subject
Symphonies (2,366)
Sonatas (Piano) (2,329)
Piano music (1,863)
Concertos (Piano) (1,380)
String quartets (1,048)
Overtures (897)
Operas (820)
Orchestral music (601)
Sonatas (Violin and piano) (572)
Variations (Piano) (534)
Piano trios (510)
Concertos (Violin) (497)
Piano music, Arranged (377)
Sonatas (Cello and piano) (340)
Music (328)
Masses (281)
Violin with orchestra (224)
Schiller, Friedrich, 1759-1805 (189)
Piano with orchestra (184)
Variations (Cello and piano) (157)

# Audience and creator demographics

## Library of Congress Demographic Group Terms (LCDGT)

Audience
General audience (13,989)
Adults (9,546)
Children (8,609)
Specialized audience (687)
Teenagers (660)
School children (488)
Preteens (453)
Preschool children (198)
Music teachers (5)

Creator Demographic Group
Men (2,685)
Americans (918)
French (675)
Women (612)
Gay men (451)
Britons (384)
English (368)
Jews (229)
Germans (217)
Australians (96)
Estonians (74)
Mexicans (73)
Argentines (63)
Brazilians (62)
Norwegians (59)
New Zealanders (41)
Greeks (34)
Turks (23)
Portuguese (14)
Gogo (African people) (2)

# Some general challenges for facets in library catalogs

## Chicken or the egg?

- Incomplete recall and user expectations
- Retrospective conversion

A musical staff with notes and a treble clef, positioned diagonally across the bottom left of the slide.

"I got tired of cataloging  
for my grandchildren."

# Syndetic structure

## LC's new vocabularies

- carry over principle of specificity from LCSH
- Have more coherent hierarchies

tabla  
drum  
percussion instrument

Oregonians  
Americans

alto saxophone  
saxophone  
wind instruments

Indians (India)  
South Asians

1960-1969  
20th century

- Combine broad and narrow terms
- Systems don't utilize syndetic structure
  - Broad terms can be useful for recall in combinations

# Authority record or bib record?

## Efficiency

### Authorities:

- Not necessary to repeat work
- More eyes → better accuracy
- More consistent results

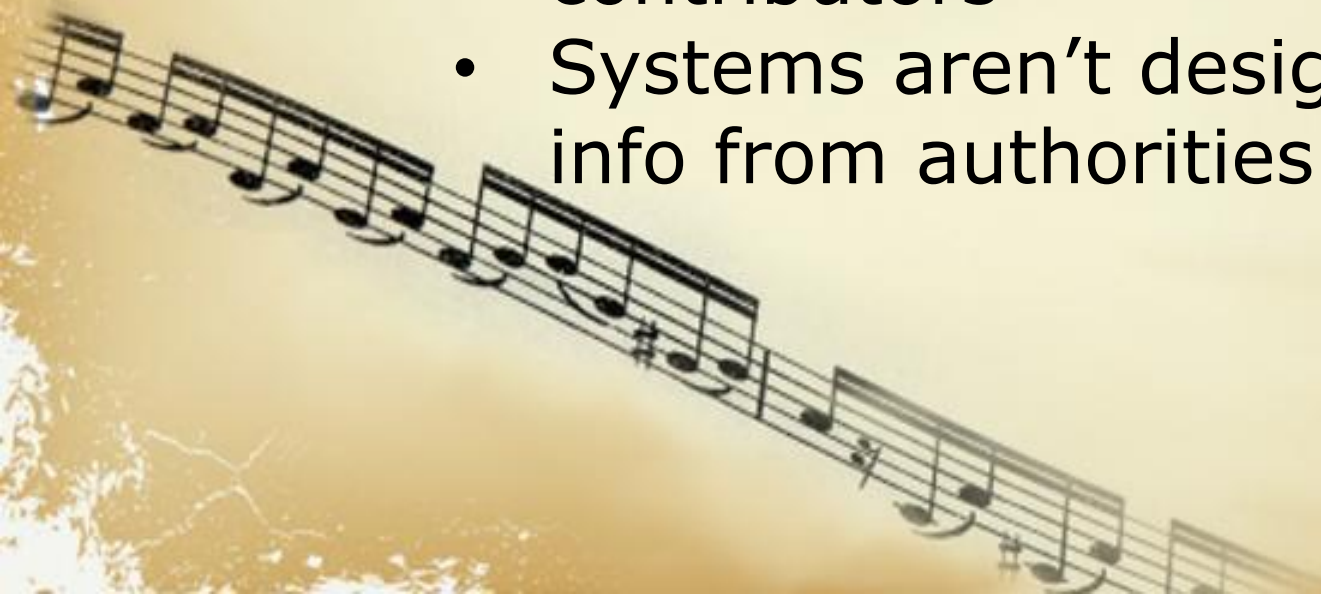


# Authority record or bib record?

## Ease of implementation in current environment

### Bibliographic:

- Larger number of potential contributors
- Systems aren't designed to use info from authorities



# Authority record or bib record?

## Time-bound relationships

Bib (or work entity)

- Mozart as child composer  
(or explicit date range in authority?)

Bib

Prisoners' songs

Written while in prison?

By anyone who was ever  
a prisoner?

# Authority record or bib record?

## Aggregates & anthologies

### Bib

- Anthology level  
Less work than multiple authorities

### Authority

- Keeps connections
- Better precision





# Humpty Dumpty problem

Refined by: Music: Medium of Performance: violin x Music: Medium of Performance: harpsichord x



Score

☆ **A miscellaneous collection of instrumental music for the organ, orchestra, chamber, and harpsichord**

George Frideric Handel, 1685-1759, composer.; Friedrich Chrysander, 1826-1901, editor.; William Babell, approximately 1690-1723, arranger of music.; Deutsche Händel-Gesellschaft, issuing body.; Ridgewood, New Jersey, U.S.A. : Gregg Press Incorporated; 1965

● Check holdings

Find in a library

Details

**Music Info:** organ (1); orchestra (1) (solos for: organ)  
organ (2); orchestra (1) (solos for: organ)  
organ (1); string orchestra (1) (solos for: organ)  
Duet: viola da gamba (1); harpsichord (1)  
violin (2); continuo  
flute (1); continuo  
instrument (1); continuo  
orchestra (1)  
string orchestra (1)  
Solo: harpsichord (1)  
Duet: harpsichord (2)  
singer (1); instrumental ensemble (1)

## Aggregates can be misleading:

Limiting results to medium of performance of harpsichord and violin will retrieve resources that include both those instruments, **even if they are not from the same piece**

The medium of performance statement facet tries to compensate for this specific situation, but can't connect medium of performance with other facets, such as composer or musical key

# MARC subfield 8

382	0	1	≠8 1\c ≠8 6\c ≠8 8\c ≠8 9\c ≠8 10\c ≠8 11\c ≠8 13\c ≠8 22\c ≠a piano ≠n 1 ≠s 1 ≠2 lcmt
511	0		Various performers.
518			≠o Recorded ≠d 1996-2010.
500			≠8 22\c ≠a The final work originally recorded in 1925 on a Welte-Mignon roll; played back on a Steinway-Welte piano in April 2001, at the Museum für Musikautomaten, Seewen, Switzerland.
505	0		CD 1: Humoreski koncertowe : na fortepian op. 14. Menuet G-dur / Waldemar Malicki, piano (4:05) [...] Humoreski koncertowe : na fortepian op. 14. Menuet G-dur / Ignacy Jan Paderewski, piano (3:54).
650	0		≠8 1\c ≠8 6\c ≠8 8\c ≠8 9\c ≠8 10\c ≠8 11\c ≠8 13\c ≠8 22\c ≠a <a href="#">Piano music.</a>
650	0		≠8 1\c ≠8 22\c ≠a <a href="#">Minuets.</a>
650	0		≠8 22\c ≠a <a href="#">Player piano music.</a>
655	7		≠8 1\c ≠8 22\c ≠a <a href="#">Minuets (Music)</a> ≠2 lcgft
700	1		≠8 1\c ≠8 2\c ≠8 14\c ≠8 18\c ≠8 19\c ≠8 20\c ≠a <a href="#">Malicki, Waldemar,</a> ≠e instrumentalist.
700	1		≠8 22\c ≠a <a href="#">Paderewski, Ignace Jan,</a> ≠d <a href="#">1860-1941,</a> ≠e instrumentalist.
700	1	2	≠8 1\c ≠8 22\c ≠i Container of (work): ≠a <a href="#">Paderewski, Ignace Jan,</a> ≠d <a href="#">1860-1941.</a> ≠t <a href="#">Humoresques de concert.</a> ≠p <a href="#">Menuet célèbre.</a>

**Will Bibframe solve this problem?**

# Authority record or bib record?

## Collaborative works

Machine-actionable way to differentiate?

French composers

French performers (singers,  
etc.)

French conductors

French arrangers

French film directors



# Authority record or bib record?

## Collaborative works

An *American* TV documentary that surveys different types of *Moroccan* dance as performed by the National Dance Company of Morocco. Includes commentary by a *French* dance expert and some scenic footage of Morocco.

# Authority record or bib record?

Unnamed contributors

Bib (or work/expression entity)

- Anonymous composer
- Recording of Balinese music by unnamed performers
- American documentary featuring footage of unnamed Russian rock bands

# Music-specific interface or view

## CDs & Vinyl

- Symphonies
- Classical
- Classical Sonatinas
- See more

## Digital Music

- Classical

## Movies & TV

- Kids & Family
- Movies
- Prime Video
- Music Videos & Concerts
- Performing Arts
- See more

## Prime Video

- Movies

## Books

- Music
- Composer & Musician
- Biographies
- Humor & Entertainment
- Music History & Criticism
- Biographies
- See more
- See All 11 Departments

< Any Category

### CDs & Vinyl

- Symphonies
- Classical
- Chamber Music
- Classical Sonatinas
- Classical Concertos
- Pop
- Elegies
- Motets
- Opera & Classical Vocal
- Classical Sonatas
- Children's Music
- New Age
- Alternative Rock
- See more

### Refine by

AutoRip (What's this?)

AutoRip >>

Amazon Prime

prime

< Any Category

### Books

- Music
- Humor & Entertainment
- Composers & Musicians
- Music History & Criticism
- Biographies & Memoirs
- Classical Music
- Actor & Entertainer Biographies
- Music Appreciation
- Piano Songbooks
- Piano
- Arts & Photography
- History
- See more

### Refine by

Amazon Prime

prime

Eligible for Free Shipping

Free Shipping by Amazon

Tile Flooring

Shop Floor Tile

Shop Wall Tile

Tile Samples

Shop All Tile

### Tile By Color

White

Black

Gray

Beige/Cream

Brown/Tan

Blue

### Tile By Material

Ceramic Tile

Porcelain Tile

Natural Stone Tile

Glass Tile

Mosaic Tile

Metal Tile

Cement Tile

### Tile By Size

3"x6"

# Music-specific scope in Primo

## Resource Type

eAudio & eVideo (4,847)  
Scores (4,386)  
Audio CDs (3,976)

## Primo Central Index (PCI) integration problem

5



eAudio

### ☆ **Symphony no. 9**

Ludwig van Beethoven, 1770-1827, composer.; Friedrich Schiller, 1759-1805.; Soile Isokoski; Rosemarie Lang; Robert Gambill; René. Pape; Daniel Barenboim, 1942-; Deutsche Staatsoper Berlin. Chor.; Staatskapelle Berlin.; Hamburg, Germany : Teldec; 2000

● **Online access**

[Access Online](#)

[Details](#)

6



eVideo

### ☆ **The Dutch National Ballet**

Hans van Manen, 1932-; Toer van Schaijk; Arthaus Musik (Firm); Nationale Ballet (Netherlands); Reiner Moritz Associates.; Germany? : ArtHaus Musik; 200?

● **Online access**

[Access Online](#)

[Details](#)

# Computational constraints

- No true exploratory search or browse in Primo
- Incomplete recall in most cases





# Computational constraints

## Static facets

- Enumerated list (ca. 500 terms)
- Counts and displays all results

### Resource Type

Scores (102,585)  
Audio CDs (74,357)  
eAudio & eVideo (63,392)  
LPs (42,647)  
Audiocassettes (2,285)

### Original Language

English (1,861)

German (1,774)

French (928)

Italian (741)

### Original Language

Papuan (Other) (1)

Songhai (1)

Athapascan (Other) (1)

Wolof (1)

# Computational constraints

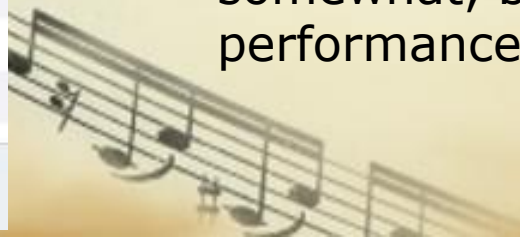
**Refine Search**

Include	Exclude	Genre
<input type="checkbox"/>	<input type="checkbox"/>	Scores (31,733)
<input type="checkbox"/>	<input type="checkbox"/>	Scores and parts (18,058)
<input type="checkbox"/>	<input type="checkbox"/>	Music (12,929)
<input type="checkbox"/>	<input type="checkbox"/>	Excerpts (12,912)
<input type="checkbox"/>	<input type="checkbox"/>	Songs and music (9,299)
<input type="checkbox"/>	<input type="checkbox"/>	Musical settings (7,954)
<input type="checkbox"/>	<input type="checkbox"/>	Chamber music (7,633)
<input type="checkbox"/>	<input type="checkbox"/>	Sound recordings (7,400)
<input type="checkbox"/>	<input type="checkbox"/>	Art music (6,112)
<input type="checkbox"/>	<input type="checkbox"/>	Parts (Music) (4,404)
<input type="checkbox"/>	<input type="checkbox"/>	Excerpts, Arranged (3,893)
<input type="checkbox"/>	<input type="checkbox"/>	Songs (3,454)
<input type="checkbox"/>	<input type="checkbox"/>	Piano music (3,043)
<input type="checkbox"/>	<input type="checkbox"/>	Arrangements (Music) (3,014)
<input type="checkbox"/>	<input type="checkbox"/>	Instrumental settings (2,452)
<input type="checkbox"/>	<input type="checkbox"/>	Sonatas (2,252)
<input type="checkbox"/>	<input type="checkbox"/>	Suites (1,991)
<input type="checkbox"/>	<input type="checkbox"/>	Orchestral music (707)
<input type="checkbox"/>	<input type="checkbox"/>	Motion picture music (517)
<input type="checkbox"/>	<input type="checkbox"/>	Instrumental music (292)

## Dynamic facets

- Open-ended list
- Displays top 20\* terms from records ranked in top 200\* results
- Displays count (and retrieves) matching records from top 50,000 results

\*Default values; can be increased somewhat, but trade-off on performance



# Constraints on manipulation

## Norm Rules in Primo Back Office

- Browser-based GUI interface with hard-coded conditions and transformations



# Further reading

Music Library Association Music Discovery Requirements (2017)

[http://www.musiclibraryassoc.org/mpage/mdr\\_IA](http://www.musiclibraryassoc.org/mpage/mdr_IA)

Music Library Association LCMPT Best Practices <https://tinyurl.com/yajp7sux>

Music Library Association LCGFT for Music Best Practices

<https://tinyurl.com/ycxfce7r>

ALA Subject Access Committee's A Brave New (Faceted) World: Towards Full Implementation of Library of Congress Faceted Vocabularies (2017)

<https://tinyurl.com/ybu2vwdx>

McGrath, Kelley. "Media Finders: Improving the Browsability of Media Collections via the OPAC." *Internet Reference Services Quarterly* 11, no. 3 (2006): 19-34.

McGrath, Kelley. Getting more out of MARC for music and movies with Primo: strategies for display, search and faceting (OLAC 2017 poster)

<https://tinyurl.com/ya9a2eoz>

Snyder, Tracey. "Music Materials in a Faceted Catalog: Interviews with Faculty and Graduate Students." *Music Reference Services Quarterly* 13, no. 3-4 (2010): 66-95.

# Sandbox with facets

[http://alliance-primo-sb.hosted.exlibrisgroup.com/primo\\_library/libweb/action/search.do?vid=UO NRW](http://alliance-primo-sb.hosted.exlibrisgroup.com/primo_library/libweb/action/search.do?vid=UO NRW)

