

Batch Loading Variations Metadata from MARC

Algorithm for Batch Loading Variations Metadata from MARC

[Algorithm - Major Processing Steps](#)
[MARC Record Groupings](#)
[Collective titles black and white lists](#)
[Form list](#)

Algorithm - Major Processing Steps

1. Contributor Record Creation
 - Check V2 Database for duplicate
 - Query Authority File
 - Create Record and Map from Name Authority Record and/or MARC bib record ([Mapping Document](#))
2. Work Record Creation
 - Identify using work-identification algorithm ([Work Identification Algorithm](#))
 - Check V2 Database for duplicate
 - Query Authority File
 - Create Record and Map from Name/Title Authority Record and MARC bib record ([Mapping Document](#))
3. Container Record Creation
 - Create Record and Map from MARC bib record ([Mapping Document](#))
4. Instantiation Record Creation (for those works created above)
 - Create Record and Map from Work Record and MARC bib record ([Mapping Document](#))
 - Attach to Container Record
5. Container Record Mapping (second pass, to account for instantiations not created)
 - Map from MARC bib record (attach Contributors directly to container) ([Mapping Document](#))

[Full Mapping Table](#)

MARC Record Groupings

- Group 1: 0 700 |t
 - Group 1a: 100/240/245
 - Group 1b: 100/245 (no 240)
 - Group 1c: 245 (no 100/240)
- Group 2: 1 700 |t
- Group 3: 2 700 |t
- Group 4: 3+ 700 |t

Collective titles "black" and "white" lists

List includes selected terms from <http://www.library.yale.edu/cataloging/music/musicat.htm#uniformtitles>

Does not account for arbitrary ranges/sets of specific works (e.g. Sonatas, |m piano, |n no. 2-5)

List A - (Collective Titles "black list") Automatically exclude as a work title...

- Cantatas
- Chamber music
- Chansons
- Choral music
- Electronic music
- Fantasien
- Harpsichord music
- Instrumental music
- Lute music
- Keyboard music
- Madrigals
- Masses
- Motets
- Musicals
- Orchestra music
- Organ music
- Overtures
- Piano music
- Selections
- Sinfoniettas
- String quartet music
- Symphonic poems
- Symphonies
- Symphonies, string orchestra

- Violin, harpsichord music
- Violin, piano music
- Violoncello, piano music
- Vocal music
- Works

List A1 - (Collective titles "white list") (see Instantiation Mapping document for explanation)

- Cantatas
- Fantasien
- Madrigals
- Motets
- Overtures
- Symphonies

Form list

List B - (Forms) - Exclude as a work title under the following circumstances:

1. If no |m, |n, |p or |r -- Exclude
2. If |m but no |n, |p or |r -- Exclude in Groups 2-4 if derived from a 240. Do not exclude and flag for human review if derived from 240 (in Group 1a) or from a 700 |t (in Groups 2-4).
3. If |m and/or [|n, |p, |r] -- Do not exclude
4. *Note:* if singular form (no "s" at end of word, unless one of the exceptions noted below *) -- Do not exclude

Terms..

- Adagios
- Allegros
- Allemandes
- Anthems
- Arias
- Bagatelles
- Ballades
- Berceuses
- Canons
- Canzonas
- Canzonettas
- Caprices
- Capriccios
- Cassations
- Choruses
- Concertinos
- Concertos
- Divertimenti*
- Divertimentos
- Duets
- Elegies
- Etudes
- Fanfares
- Fantasias
- Fugues
- Gavottes
- Gígues
- Hymns
- Intermezzi*
- Intermezzos
- Largos
- Lieder*
- Marches
- Melodies
- Minuets
- Nocturnes
- Nonets
- Octets
- Odes
- Partitas
- Pavans
- Pieces
- Poems
- Polkas
- Polonaises
- Preludes
- Psalms
- Quartets
- Quintets
- Rhapsodies
- Romances

- Rondos
- Scherzos
- Septets
- Sextets
- Sonatas
- Sontinas
- Songs
- Studies
- Suites
- Toccatas
- Trio sonatas
- Trios
- Variations
- Waltzes

* This text would be taken from |m. This could be disregarded when determining collective title status, *unless* |n and/or |p are present (thus meaning title is *not* collective)

** "Sonatas, violoncello, piano" may be a specific work title *if* composer wrote more than one sonata *but only one for violoncello and piano*. If the composer wrote more than one sonata for violoncello and piano, than this is a collective title. The same is true of concertos, suites, etc. Cannot yet devise a way around this ambiguity in uniform title nomenclature.