

Next-Generation Subject Access for Music: Infrastructure Needs

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“Subjects” for music in current practice

- ▶ Topical terms
- ▶ Instrumentation (“medium of performance”)
- ▶ Form/genre/style
- ▶ Geographic
- ▶ Temporal
- ▶ Cultural groups
- ▶ Language
- ▶ Names

▼ Subject Headings

Geography

Oaxaca, Estado de
Guerrero, Estado de
Mexico

Social & Cultural Groupings

Masters of ceremonies
Vocal groups
Mestizos
Musicians
Mexicans
Politicians
Indigenous peoples
Catholics
Men

Languages

Spanish language

Genres &

Performance Types

Boleros (Music)
Recitations
Folk music
Drinking customs
Oratory
Oral interpretation of poetry
Elocution
Choral music
Conversation
Concerts
Instrumental music

Instrumental music
Folk songs
Eloquence
Demonstrations
(Performance)
Songs

Venue Types

Houses
Courtyard - patio

Instruments

Guitar

▼ Participants

Individuals

Acaraz, Victor
Ramirez, Indalecio
musician
Aguirre, Artemio
singer, host
Caballero, Juan
singer, guitarist
Acaraz, Victor
singer, guitarist
Acaraz, Diego
singer, guitarist
Aguirre, Mile
hostess
Ramirez, Indalecio
singer, songwriter,
guitarist
Salcedo, Domingo

Now Playing

Collection Hierarchy

Collector Bio

Collection

Event

Scene

Action

Scene Title

"Urgencia" (Emergency)

Scene Description

Indalecio Ramírez,
singer-songwriter and son of the
famous Mexican composer Agustín
Ramírez, sings the classic bolero
"Urgencia," accompanied by Victor
Acaraz on guitar.

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Languages

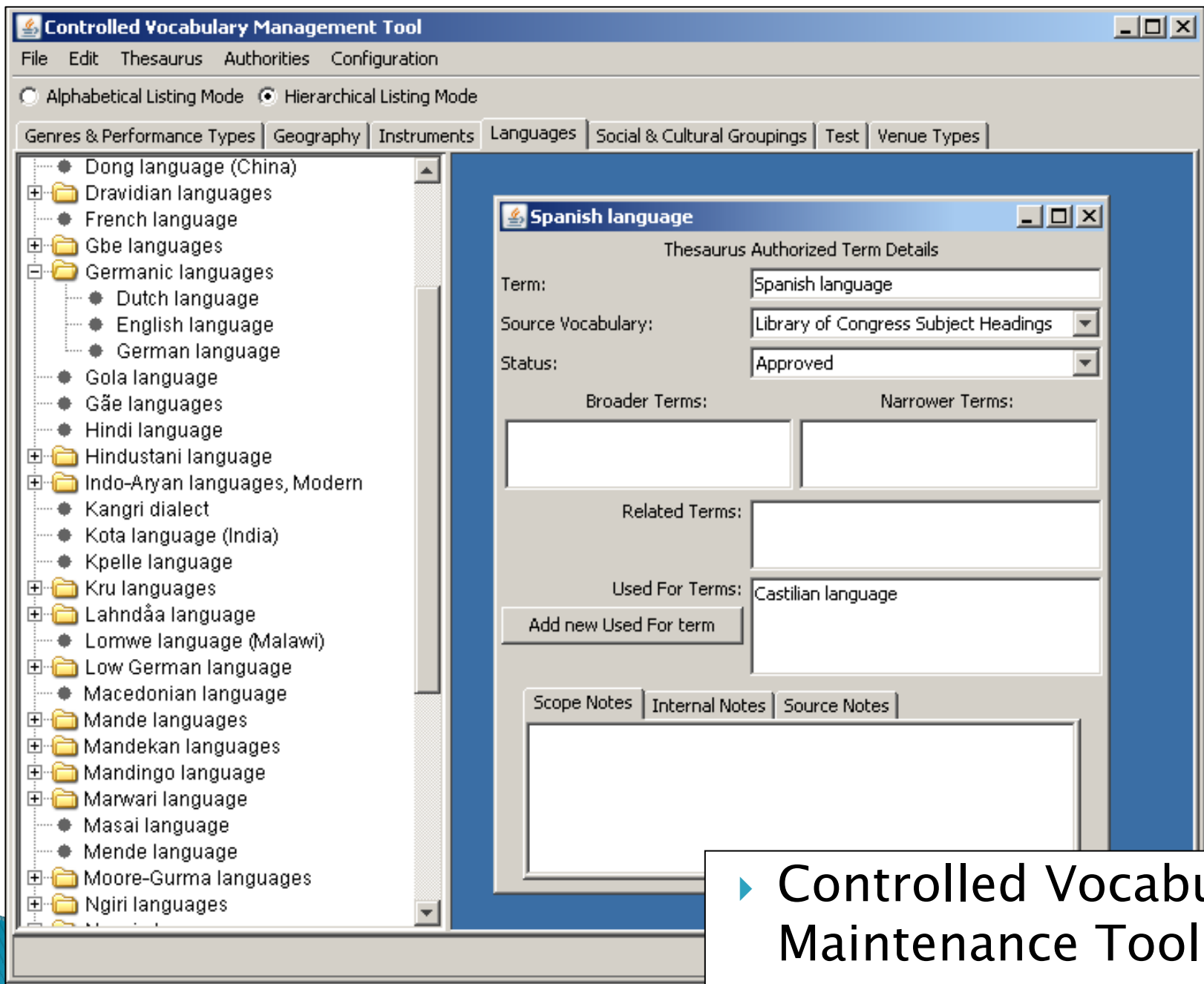
Spanish language

Genres &

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- ▶ Ethnomusicological Video for Instruction and Analysis Digital Archive



▶ **Controlled Vocabulary Maintenance Tool**

The screenshot displays a digital annotation tool interface for a video player. The main window is titled "Scene: 'Urgencia' (Emergency)". It features several panels:

- Video Player:** Shows a video of a band performing. The current time is 0:38:53.587. The video title is "Urgencia" (Emergency).
- Scene Metadata:** Includes tabs for Participants, Technical Problems, Transcriptions, Quality, Basic Metadata, Detailed Description, and Controlled Vocabulary. It lists terms that apply to the entire collection (Catholics, Indigenous peoples, Men, Mestizos, Mexicans), terms for the event (Masters of ceremonies, Politicians, Vocal groups), and terms for the specific scene.
- Controlled Vocabulary:** Lists Genres & Performance Types, Geography, Instruments, Social & Cultural Groupings, Languages, and Venue Types. It shows a hierarchical list of languages including Shambala, Somali, Southern Mande, Spanish, Sukuma, and Tamil.
- Collection Hierarchy:** Lists various scenes such as "Aunque Sigas Viviendo", "La Iguana", "Te Quiero", "La Petenera", "Por Aqui Paso", "Ester María", "Urgencia" (Emergency), "Una Moneda", "Luz de Luna", "Mi Gran Amor", "El Indio de Igualapa", "Somos nosotros", "Coaxing Quifiones", "El corrido de Quifiones", "Elyria Carmona", and "Untitled Scene".
- Collection Glossary:** Provides definitions for terms like "bambuco" (a typical rhythm) and "bohemia" (a social gathering).
- Timeline:** Shows a timeline from 0:00:00 to 8:00:00 with various annotations and scene markers.

► Annotation tool

Browse Suggestions

Modify your search by selecting or removing items from the categories below.

by Date

1920-1929 [\[Remove\]](#)

by Genre/Form

Songs [\[Remove\]](#)

by Instrument

[Banjulele banjo](#) (2)

[Other](#) (5)

[Piano and Voice](#) (19)

[Piano, Voice and Chords](#) (5)

[Piano, Voice and Ukulele](#) (3)

[Ukulele](#) (3)

by Topical Subject

[Adultery](#) (1)

[Cities and towns](#) (1)

[Home](#) (2)

[Humorous songs](#) (6)

[Indiana](#) (1)

[Love](#) (4)

[Love songs](#) (5)

[Motion picture music](#) (1)

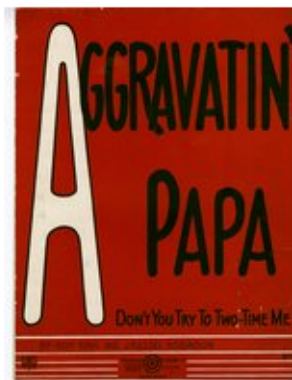
[Nostalgia](#) (1)

[Southern States](#) (2)

by Location

[Alabama](#) (1)

1.



Title: Aggravatin' papa : don't you try to two-time me

Composer: Turk, Roy, 1892-1934

Lyricist: Turk, Roy, 1892-1934

Date: 1922

Holding Institution: Indiana Historical Society

[View details](#) | [Add to "My Selections"](#)

2.



Title: Beale Street mama

Composer: Turk, Roy, 1892-1934

Lyricist: Turk, Roy, d. 1892-1934

Date: 1923

Holding Institution: Indiana Historical Society

Images unavailable

[View details](#) | [Add to "My Selections"](#)

3.



Title: Bright eyes

Composer: Motzan, Otto, 1880-1937

Lyricist: Smith, Harry Bache, 1860-1936

Date: 1920

Holding Institution: Indiana Historical Society

[View details](#) | [Add to "My Selections"](#)

4.



▶ IN Harmony: Sheet Music from Indiana Faceted Browse

IN Harmony: Sheet Music from Indiana

[Home](#) | [Project Information](#) | [Overview](#) | [Help](#)

search IN Harmony images only

Browse: [Name](#) | [Title](#) | [Year](#) | [Instrumentation](#) | [Genre](#) | [Subject](#) [Search](#) | [Advanced Search](#) | [Search History](#) | [My Selections](#)

[View Sheet Music](#) | [Download Sheet Music \[pdf\]](#) | [Add to My Selections](#)



Title: Raggy military tune

First Line: Here they come, here they come

First Line of Chorus: When the cannons roar, when the bullets pour

Composer: [Bestor, Don, 1889-1970](#)

Composer: [Roberts, Luckey, 1887-1968](#)

Lyricist: [Lewis, Roger, 1885-1948](#)

Published: Chicago: Roger Lewis, copyright 1912

Topical Subject: [Railroad travel](#)

Form/genre: [Ragtime music](#)

Instrumentation: Piano and Voice

Language: English

Local Subject: [Rag](#)

▶ IN Harmony: Sheet Music from Indiana Item Display

Edit Score Object: LL-SSM-2-305-0255

Score ID:

Institution: Lilly Library (LL)

Status: Suppress this record

Title	Name	Publisher	Subject	ID	Note
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Subjects:

Language:

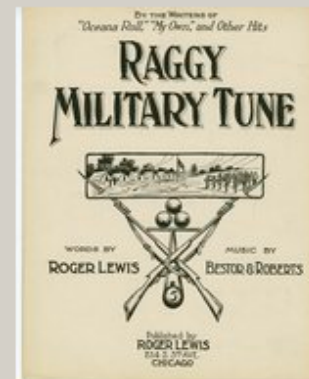
Instrumentation:

Places

Country: State Province County City:

Other named place:

Type ▲	Value
Form/genre	Ragtime music
Instrumentation	Piano and Voice
Language	English
Local Subject	Ragtime music
Topical	Railroad travel



[View copy 1](#)

▶ Sheet Music Cataloging Tool

Player: The sonatas for violin & keyboard [sound recording]

File Edit Bookmarks Player Admin Window Help

Elapsed/Total: 8:45 / 1:03:33

Total
 CD/Side
 Track
 Repeat

Progress bar and playback controls (play, stop, previous, next, volume, repeat).

- The sonatas for violin & keyboard [sound recording]
 - [View Details](#)
 - CD 1
 - Bach, J.S., Sonata in G major, BWV 1021
 - Bach, J.S., Sonata in E minor, BWV 1023
 - Track 5. [Prelude] - Adagio ma non tanto (4:1)**
 - Track 6. Allemanda (3:45)
 - Track 7. Gigue (2:58)
 - Bach, J.S., Sonata No.1 in B minor, BWV 1014
 - Bach, J.S., Sonata No.2 in A major, BWV 1015

Status: Idle

Record View for The sonatas for violin & keyboard [sound r...

File Edit Bookmarks Admin Window Help

Sonatas, violin, continuo, BWV 1023, E minor [Listen](#)

Composed by
Bach, Johann Sebastian

Contributors
Sheppard, Susan, violoncellist (Performer)
Moroney, Davitt (Performer)
Holloway, John, violinist (Performer)

Performance Dates
1988-02

Place of Performance
Finchcocks, Goudhurst, [England]

Instrumentation
Violin
Continuo

Subject Headings
Sonatas (Violin and continuo)

Copyright Declarations

Save As... Close

► Variations Digital Music Library

Edit Sonatas, violin, continuo, BWV 1023, E minor

Description Contributors Work Structure

Work ID: IJ/Work/2020 Import MARC from Z39.50 File

Uniform Title:** Sonatas, violin, continuo, BWV 1023, E minor

Non-Filing Indicator: 0 Related Works: Edit... (0 existing)

Title Source:* ARN: (DLC)n 81114234

Variant Titles: Edit... (2 existing)

Type:* Single Collective

Date of Composition: 1723?

Place of Composition:

Date of First Performance:

Date of First Publication: Other Dates: Edit... (0 existing)

Original Text Title:

Languages: Edit... (0 existing)

Subject Headings: Edit... (1 existing) Class Number: M219

Instrumentation: Edit... (2 existing) Source: LCCS

Genre, Form and Style: Edit... (0 existing)

Key:* E Minor

Notes:* Edit... (3 existing)

Resources: Edit... (1 existing)

Other System IDs: Edit... (2 existing)

Status:* Complete View Record Access Data...

Delete Record... Clone Record... OK Cancel Apply

Edit Instruments

violin (1)
continuo (1)

Instrument: violin

Number: violin

viola
violoncello
violoncello piccolo
violone
voice—ethnic
voice—unknown
voice—unspecified

► Variations
Cataloging Tool

* Orchestra

** Accordion band

Accordion orchestra: see Accordion band

** Balalaika orchestra

** Chamber orchestra

** Dance orchestra

Dance band: see Dance orchestra

*** Big band

Big jazz band: see Big band

Dance band: see Big band

Jazz band: see Big band

Stage band: see Big band

** Gamelan

** Khr-uang s-ai

Khr-uangs-ai: see Khr-uang s-ai

** Mah-or-i

** Mandolin orchestra

Mandolin band: see Mandolin orchestra

** Piphat

Plucked instrument orchestra: see String orchestra

** Phung orchestra

** Rhythm bands and orchestra

Percussion band: see Rhythm bands and orchestra

Toy orchestra: see Rhythm bands and orchestra

** Siku orchestra

** Steel band -

Steel orchestra: see Steel band

Steelband: see Steel band -

Tinpanny: see Steel band

** String orchestra

Acid jazz

Adult alternative pop

Adult contemporary pop

Advent hymns

Advent music

Afrobeat

Airs

Airs de cour

Alabados

Alalás

Alboka

Aleatory music

Aleke

Allemandes

Alma maters (Songs)

Alternative country & Americana

Alternative dance

Alternative folk

Alternative metal

Alternative pop

Alternative rap

Alternative rock music

Ambient music

Amens

American punk

Anglican chants

Animated film music

Animated television music

Anthems

Antiphonaries

► Some Variations Vocabularies

Roles for controlled vocabularies

- ▶ Assist with cataloging
- ▶ Provide collocation of like resources
- ▶ Facilitate browsing
- ▶ *Expand user queries*

Infrastructure needed

- ▶ For *full integration* of controlled vocabularies into cataloging tools and end-user interfaces
 - Faceted vocabularies
 - Robust syndetic structures
 - Openly available vocabulary files
 - Real-time querying of vocabularies via Web Services

All of these are in progress,
but NONE is quite there yet.

What can we do?

- ▶ Catalogers, managers, and system designers must work collaboratively
- ▶ Remember *why* controlled subject access is valuable, but be flexible as to *how* it is implemented
- ▶ Streamline controlled vocabulary creation process as much as possible
- ▶ Learn about the technologies involved
- ▶ Make our vocabularies available openly for machine access

Thank you!

- ▶ These presentation slides:
<<http://www.dlib.indiana.edu/~jenlrile/presentations/mla2008/mla2008.ppt>>
- ▶ Handout:
<<http://www.dlib.indiana.edu/~jenlrile/presentations/mla2008/handout.pdf>>
- ▶ jenlrile@indiana.edu