


# The Library of Congress Medium of Performance Thesaurus:

Deployment through the  
Open Metadata Registry

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1. Introduction to LCMPT and Authority Data Elements
  2. LCMPT collaborative document
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  5. Issues for consideration



# LCMPT & ADE

## Concept Scheme

Cello ensemble
Cellone
Celtic harp
Cembal d'amour
Cenḡa
Čhakhē
Chalumeau
Chamadron
Chamber orchestra
Chamber organ
Changgo
Changing voice
Charango
Chekeré
Chiboni
Child soprano
Child's voice
Children's chorus
Chimes

## Metadata Schema

Owner record number
Other controlled vocabulary designation
Related LCCN
Date record created
Cataloger code (creator)
Date record modified
Cataloger code (modifier)
Record status
Kind of record
Data type
Encoding level of content
Sponsoring agency code
Preferred term
Variant of preferred term
Broader term
Related term
Narrower term
See also reference
Non-posted entry term
Node label

# LCMPT

## Authority Data Elements

### ◌ Descriptive

Preferred term

Variant of preferred term

Broader term

Related term

Narrower term

...

### ◌ Administrative

Date record created

Cataloger code (creator)

Date record modified

Cataloger code (modifier)

Sponsoring agency code

...



# LCMPT Spreadsheet









- o Full list of terms
- o Full list of authority data elements
  - o MARC mapping
  - o SKOS mapping (incomplete)

<https://docs.google.com/spreadsheet/ccc?key=0AoZ8jz-1ohDWdDgxM2J5ZDNvZThLU2ljekFQUUlXNVE>

# LCMPT-ADE & SKOS: a crosswalk

## LCMPT Authority Data Elements

## SKOS Concept Labels

1. Source of term		skos:ConceptScheme
15. Preferred term		skos:prefLabel
16. Variant of preferred term		skos:altLabel
17. Broader term		skos:broader
18. Related term		skos:related
19. Narrower term		skos:narrower
28. Scope and usage note		skos:scopeNote
31. History note		skos:historyNote



<http://metadataregistry.org/>

- Semantic Web infrastructure
- Metadata discovery, reuse & interoperability
- Machine mapping of terms & concepts
- Identify, declare, & publish:
  - Metadata schemas (element/property sets)
  - Concept schemes (controlled vocabularies)
  - APs (application profiles)



# LCMPT on Open Metadata Registry

<http://metadataregistry.org/vocabulary/show/id/315.html>



```
<?xml version="1.0" encoding = "UTF-8"?>
```

```
<rdf:RDF
```

```
  xmlns="http://www.w3.org/2004/02/skos/core#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xmlns:skos="http://www.w3.org/2004/02/skos/core#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:reg="http://metadataregistry.org/uri/schema/registry/">
```

```
<!-- Scheme: Medium of Performance Thesaurus -->
```

```
  <skos:ConceptScheme rdf:about="http://www.metadataregistry.org/lcmpt">
```

```
    <dc:title>Medium of Performance Thesaurus</dc:title>
```

```
  </skos:ConceptScheme>
```

```
<!-- Concept: Accordion -->
```

```
  <skos:Concept rdf:about="http://www.metadataregistry.org/lcmpt/1001" xml:lang="en">
```

```
    <skos:inScheme rdf:resource="http://www.metadataregistry.org/lcmpt"/>
```

```
    <reg:status rdf:resource="http://metadataregistry.org/uri/RegStatus/1002"/>
```

```
    <reg:identifier rdf:resource="4853"/>
```

```
    <skos:prefLabel xml:lang="en">Accordion</skos:prefLabel>
```

```
    <skos:altLabel xml:lang="en">Accordeon</skos:altLabel>
```

```
    <skos:altLabel xml:lang="en">Garmon</skos:altLabel>
```

```
    <skos:altLabel xml:lang="en">Piano Accordion</skos:altLabel>
```

```
    <skos:altLabel xml:lang="en">Accordian</skos:altLabel>
```

```
    <skos:altLabel xml:lang="en">Squashbox</skos:altLabel>
```

```
    <skos:altLabel xml:lang="en">Squeezebox</skos:altLabel>
```

```
    <skos:related rdf:resource="http://www.metadataregistry.org/lcmpt/1045"/>
```

```
    <skos:broader rdf:resource="http://www.metadataregistry.org/lcmpt/1044"/>
```

```
    <skos:related rdf:resource="http://www.metadataregistry.org/lcmpt/1043"/>
```

```
    <skos:related rdf:resource="http://www.metadataregistry.org/lcmpt/1042"/>
```

```
  </skos:Concept>
```

```
<!-- Concept: Accordion band -->
```

```
  <skos:Concept rdf:about="http://www.metadataregistry.org/lcmpt/1002" xml:lang="en">
```



# Open Metadata Registry data integrity measures

**Please correct the following errors...**

Value:  
This Concept already has this exact property.

**Detail**

skos:property: alternative label

Value: This Concept already has this exact property. ↓  
Squashbox

Language: English

Status: New-Proposed

**Other Properties**

related to	Melodeon (Button)
related to	Bandoneon
related to	Concertina
preferred label	Accordion
has broader	Reed organ

**Please correct the following errors...**

Value:  
This Concept already has a prefLabel with this status and language.

**Detail**

skos:property: preferred label

Value: This Concept already has a prefLabel with this status and language. ↓  
Aerophone

Language: English

Status: New-Proposed

**Other Properties**

**Please correct the following errors...**

Preferred Label:  
This prefLabel has already been registered in this scheme.

**Detail**

Preferred Label: This prefLabel has already been registered in this scheme. ↓  
Plucked instrument

URI: <http://www.metadataregistry.org/lcmpt/1155>  
This URI has been generated by the system, but you may override it

Top Concept?: ☐ Is this a Top Concept?

Status: New-Proposed  
This is the overall status of this Concept. Individual properties may have a different status



# LCMPT-ADE on Open Metadata Registry

<http://www.metadataregistry.org/schema/show/id/70.html>



# Issues for consideration



# Foreign language terms

Preferred Label:	Bass voice
Language:	English
URI:	<a href="http://www.metadataregistry.org/lcmpt/1130">http://www.metadataregistry.org/lcmpt/1130</a> (RDF)
Top Concept?:	
Status:	New-Proposed

Properties		
preferred label	Bass voice	English
has broader	<a href="#">Singer</a>	
alternative label	Bass	English
alternative label	Bass singer	English
alternative label	Bass soloist	English
alternative label	Basse	French
alternative label	Bass	German
alternative label	Basso	Italian

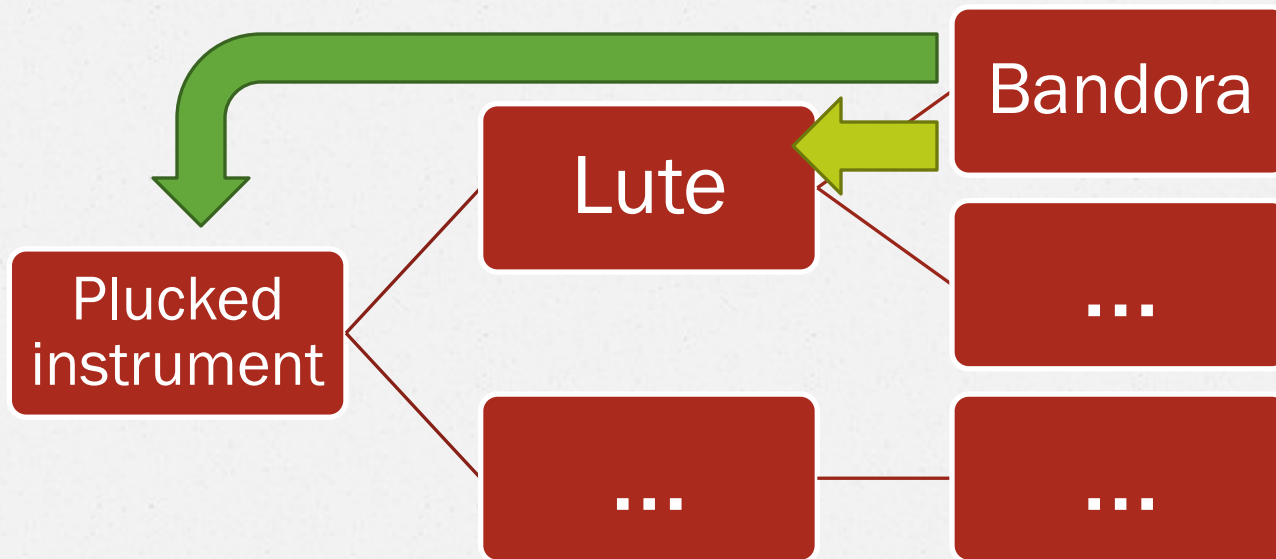


## SKOS language tags

```
skos:prefLabel "Bass voice"@en  
skos:altLabel "Basse"@fr
```

## What if preferred term is not English?

# Bi-level relationships





# “Music BT needed” term

Preferred Label:	Music BT needed
Language:	English
URI:	<a href="http://www.metadataregistry.org/lcmpt/1117">http://www.metadataregistry.org/lcmpt/1117</a> (RDF)
Top Concept?:	
Status:	New-Proposed
<b>Properties</b>	
preferred label	Music BT needed
has narrower	Aerophone
has narrower	Balloon
has narrower	Band
has narrower	Beatboxing

# Hierarchy construction

- o Top-down
- o Bottom-up
- o ?



# Data storage platform options

- o Spreadsheets
- o Database
- o Limitations of Open Metadata Registry
- o Other thesaurus software:

<https://docs.google.com/spreadsheet/ccc?key=0AoZ8jz-1ohDWdEVJVWJaeDhELVdOTjVsb2ZGSXhtSVE>

# LCMPT extension of SKOS vocabulary?

- Defining an application profile for LCMPT



Questions or Comments?