<table>
<thead>
<tr>
<th>Title</th>
<th>Created</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Examples</td>
<td>4/18/17 5:56 PM</td>
<td>4/18/17 5:56 PM</td>
</tr>
<tr>
<td>BIBFRAME Demonstration</td>
<td>4/13/17 10:18</td>
<td>4/13/17 10:18</td>
</tr>
<tr>
<td>ReadMe: Introducing CEDAR</td>
<td>4/24/17 9:02 PM</td>
<td>4/24/17 10:24 PM</td>
</tr>
</tbody>
</table>
About CEDAR

- A Center funded by NIH for $13M over 4 years
- Goal: improve (biomedical) metadata creation, management, and publication
- Product: a semantic metadata templating, entry, and management system
- By design, CEDAR's software is domain-neutral and rigorously modeled
- CEDAR is collaborating with Stanford's LD4P team to target a wider context

CEDAR System Architecture
<table>
<thead>
<tr>
<th>Title</th>
<th>Created</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound recording instance</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Sound recording instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
</tbody>
</table>
Sound recording instance

- Instance title
- Publication statement
- Capture
- Carrier, sound, and digital characteristics
- Contributor
- Identifiers for the manifestation

instance of: http://libraries.stanford.edu/metadata/work/12345

CANCEL  SAVE
Sound recording instance

Instance title
- Title proper (RDA 2.3.2)
  Amour de loin
- Other title information (RDA 2.3.4)
  opera in 4 acts
- Parallel title (RDA 2.3.3)
  Love from afar
- Statement of responsibility (RDA 2.4)
  Kaija Saariaho

Publication statement
- Place of publication (RDA 2.8.2)
  Arles
- Publisher's name (RDA 2.8.4)
  Harmonia Mundi

Dates
- Date of publication (RDA 2.8.5)
  2009
- Phonogram copyright date (RDA 2.11)
  2006

Capture
- Date(s) of capture (RDA 7.11.3)
  2006 March
Sound recording instance metadata

Place(s) of capture (RDA 7.11.2)
Teldec Studio, Berlin, Germany

Carrier, sound, and digital characteristics
Extent (RDA 3.4) 2 audio discs
Carrier type audio disc
Dimensions (RDA 3.5) 4 3/4 in.

Sound characteristics
Configuration of playback channels (RDA 3.16.8.3)
Type of recording (RDA 3.16.2.3)
Media type (RDA 3.2) audio

digital characteristics
File type audio file
Encoding format not applicable

Contributor
person
Entity URI http://id.loc.gov/vocab/agents/58149591
JSON-LD
{
  "@context": {
    "xsd": "http://www.w3.org/2001/XMLSchema#",
    "pav": "http://purl.org/pav/",
    "schema": "http://schema.org/",
    "oslc": "http://open-services.net/ns/core#",
    "schema:isBasedOn": {
      "@type": "@id"
    },
    "schema:name": {
      "@type": "xsd:string"
    },
    "schema:description": {
      "@type": "xsd:string"
    },
    "pav:createdOn": {
      "@type": "xsd:dateTime"
    },
    "pav:createdBy": {
      "@type": "@id"
    },
    "pav:lastUpdatedOn": {
      "@type": "xsd:dateTime"
    },
    "oslc:modifiedBy": {
      "@type": "@id"
    },
    "instanceOf": "http://id.loc.gov/ontologies/bibframe/instanceOf",
    "contributor1": "https://schema.staging.metadatacenter.net/properties/contributor1",
    "capture1": "https://schema.staging.metadatacenter.net/properties/capture1",
    "identifiersForTheManifestation1": "https://schema.staging.metadatacenter.net/properties/identifiersForTheManifestation1",
    "instanceTitle1": "https://schema.staging.metadatacenter.net/properties/instanceTitle1",
  }
}
Sound recording instance metadata

- **Contributor**
  - **person**
    - Entity URI: http://id.loc.gov/rwo/agents/n86140591
    - Label: Saariaho, Kaija
    - Authority record URI: http://id.loc.gov/authorities/names/n86140591
    - role: composer

- **Identifiers for the manifestation**
  - Audio issue number (RDA 2.15): HMC 801937, HMC 801938, HMC 801937.38
  - EAN (RDA 2.15)
  - instance of: http://libraries.stanford.edu/metadata/work/12345
Sound recording instance

- **Type**: template
- **Location**: /Shared/Shared by CEDAR/CEDAR LD4All Demo Using BIBFRAME/Sound recording instance
- **Owner**: John G
- **Created**: 4/24/17 3:27 PM by John G
- **Modified**: 4/24/17 3:29 PM by John G
- **Can read**: true
- **Can write**: true
- **Can change owner**: true
- **Description**: 

<table>
<thead>
<tr>
<th>Title</th>
<th>Created</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copy of Sound recording instance</td>
<td>4/24/17 10:27 PM</td>
<td>4/24/17 10:27 PM</td>
</tr>
<tr>
<td>Sound recording instance</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Sound recording instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Title</td>
<td>Created</td>
<td>Modified</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Sound recording instance</td>
<td>4/24/17 10:27 ...</td>
<td>4/24/17 10:27 ...</td>
</tr>
<tr>
<td>Instance instance</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
</tbody>
</table>

**Type**: template

**Location**: /Shared/Shared by CEDAR/CEedar LD4All Demo Using BIBFRAME/Copy of Sound recording instance

**Owner**: John G

**Created**: 4/24/17 10:27 PM by John G

**Modified**: 4/24/17 10:27 PM by John G

**Can read**: true

**Can write**: true

**Can change owner**: true
### Copy of Sound recording instance

#### Template Name
- **Copy of Sound recording instance**

#### Template Description
- **Description**

#### Instance title
- **Title proper (RDA 2.3.2)**
- **Other title information (RDA 2.3.4)**
- **Parallel title (RDA 2.3.3)**
- **Statement of responsibility (RDA 2.4)**

#### Publication statement
- **Place of publication (RDA 2.8.2)**
- **Publisher's name (RDA 2.8.4)**

#### Dates
## Improved Sound Recording Instance

### Instance Title

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title proper (RDA 2.3.2)</td>
<td></td>
</tr>
<tr>
<td>Other title information (RDA 2.3.4)</td>
<td></td>
</tr>
<tr>
<td>Parallel title (RDA 2.3.3)</td>
<td></td>
</tr>
<tr>
<td>Statement of responsibility (RDA 2.4)</td>
<td></td>
</tr>
</tbody>
</table>

### Publication Statement

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of publication (RDA 2.8.2)</td>
<td></td>
</tr>
<tr>
<td>Publisher's name (RDA 2.8.4)</td>
<td></td>
</tr>
</tbody>
</table>

## Dates
<table>
<thead>
<tr>
<th>Field Type</th>
<th>Values</th>
<th>Multiple</th>
<th>Required</th>
<th>Suggestions</th>
</tr>
</thead>
</table>

**Audio issue number (RDA 2.15)**

**EAN (RDA 2.15)**
Improved Sound recording instance

Audio issue number (RDA 2.15)

EAN (RDA 2.15)

instance of:

Enter Field Title

Enter Field Description (Help Text)

FIELD TYPE  VALUES  MULTIPLE  REQUIRED  SUGGESTIONS

CLEAR  CANCEL  SAVE TEMPLATE
Find a property in BioPortal or **Enter Property URI**

**Search in BioPortal**

- **origin**

---

79 results for the query 'origin'. Click on a property below to select it

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>origin</td>
<td></td>
<td>Object Property</td>
<td>AURA</td>
<td>origin</td>
</tr>
<tr>
<td>origin of</td>
<td></td>
<td>Object Property</td>
<td>FMA</td>
<td>origin_of</td>
</tr>
<tr>
<td>Origin_of</td>
<td></td>
<td>Object Property</td>
<td>RADLEX</td>
<td>Origin_of</td>
</tr>
<tr>
<td>Originator</td>
<td>Originator of a class</td>
<td>Datatype Property</td>
<td>BRO</td>
<td>Originator</td>
</tr>
<tr>
<td>Originator</td>
<td>Originator of a class</td>
<td>Datatype Property</td>
<td>ECG</td>
<td>Originator</td>
</tr>
<tr>
<td>origin of</td>
<td></td>
<td>Object Property</td>
<td>OCPM</td>
<td>origin_of</td>
</tr>
</tbody>
</table>
Find a property in BioPortal or Enter Property URI

Search in BioPortal
origin

Advanced Search Options

I want to...

- Search for a property in BioPortal
- Search for an ontology in BioPortal (e.g. OBI) and explore it

Narrow your search to specific ontologies

- BIBFRAME
- BIBFRAME 2.0 (BIBFRAME)

79 results for the query 'origin'. Click on a property below to select it

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>origin</td>
<td>-</td>
<td>Object Property</td>
<td>AURA</td>
<td>origin</td>
</tr>
<tr>
<td>origin_of</td>
<td>-</td>
<td>Object Property</td>
<td>FMA</td>
<td>origin_of</td>
</tr>
<tr>
<td>Origin_of</td>
<td>-</td>
<td>Object Property</td>
<td>RADLEX</td>
<td>Origin_of</td>
</tr>
<tr>
<td>Originator</td>
<td>Originator of a class</td>
<td>Datatype Property</td>
<td>BRO</td>
<td>Originator</td>
</tr>
</tbody>
</table>
4 results for the query 'origin'. Click on a property below to select it

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original version of</td>
<td>Original version of a resource.</td>
<td>Object Property</td>
<td>BIBFRAME</td>
<td>originalVersionOf</td>
</tr>
<tr>
<td>Associated title place</td>
<td>Place from which the creation of the Work originated.</td>
<td>Object Property</td>
<td>BIBFRAME</td>
<td>originPlace</td>
</tr>
<tr>
<td>Associated title date</td>
<td>Date or date range associated with the creation of a Work.</td>
<td>Datatype Property</td>
<td>BIBFRAME</td>
<td>originDate</td>
</tr>
</tbody>
</table>
**Advanced Search Options**

I want to...
- Search for a property in BioPortal
- Search for an ontology in BioPortal (e.g. OBI) and explore it

**Narrow your search to specific ontologies**

![BIBFRAME](Image)

4 results for the query 'origin'. Click on a property below to select it

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original version of</td>
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<td>Object Property</td>
<td>BIBFRAME</td>
<td>originalVersionOf</td>
</tr>
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<td>BIBFRAME</td>
<td>originPlace</td>
</tr>
<tr>
<td>Associated title date</td>
<td>Date or date range associated with the creation of a Work.</td>
<td>Datatype Property</td>
<td>BIBFRAME</td>
<td>originDate</td>
</tr>
</tbody>
</table>

Click OK to select the property 'Associated title place' from BIBFRAME
Find terms in BioPortal or Create New Terms to constrain the values of the 'Place of Origin' field

Start Over

Search In BioPortal
Place of Origin

498 results for the query 'Place of Origin'. Click on a term below to select it

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of origin</td>
<td>-</td>
<td>Class</td>
<td>SNOMEDCT</td>
<td>307117005</td>
</tr>
<tr>
<td>Place of origin</td>
<td>-</td>
<td>Class</td>
<td>RCD</td>
<td>XaaZG</td>
</tr>
<tr>
<td>Place of origin - finding</td>
<td>-</td>
<td>Class</td>
<td>SNOMEDCT</td>
<td>365450009</td>
</tr>
<tr>
<td>Place accident/poisoning, noninstitutional place of residence</td>
<td>-</td>
<td>Class</td>
<td>RCTV2</td>
<td>T705.00</td>
</tr>
</tbody>
</table>
Find terms in BioPortal or Create New Terms to constrain the values of the 'Place of Origin' field

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunnyvale GF bread</td>
<td>-</td>
<td>Class</td>
<td>RCD</td>
<td>x00Dg</td>
</tr>
<tr>
<td>Town of Sunnyvale</td>
<td>A populated place. A town in Dallas County, Texas.</td>
<td>Class</td>
<td>GAZ</td>
<td>GAZ_00279147</td>
</tr>
<tr>
<td>City of Sunnyvale</td>
<td>A populated place. A city in Santa Clara County, California.</td>
<td>Class</td>
<td>GAZ</td>
<td>GAZ_00294815</td>
</tr>
</tbody>
</table>
Find terms in BioPortal or Create New Terms to constrain the values of the 'Place of Origin' field.

Search for: Sunnyvale

3 results for the query 'Sunnyvale'. Click on a term below to select it.

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
<th>TYPE</th>
<th>SOURCE</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunnyvale GF bread</td>
<td>-</td>
<td>Class</td>
<td>RCD</td>
<td>x00Dg</td>
</tr>
<tr>
<td>Town of Sunnyvale</td>
<td>A populated place. A town in Dallas County, Texas.</td>
<td>Class</td>
<td>GAZ</td>
<td>GAZ_00279147</td>
</tr>
<tr>
<td>City of Sunnyvale</td>
<td>A populated place. A city in Santa Clara County, California.</td>
<td>Class</td>
<td>GAZ</td>
<td>GAZ_00294815</td>
</tr>
</tbody>
</table>

Ontology Information:
- Ontology Id: http://data.bioontology.org/ontologies/GAZ
- Ontology Name: Gazetteer (GAZ)
- No. terms: 668,838
<table>
<thead>
<tr>
<th>Identifiers for the manifestation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio issue number (RDA 2.15)</strong></td>
</tr>
<tr>
<td><strong>EAN (RDA 2.15)</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Place of Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>instance of:</td>
</tr>
</tbody>
</table>

| **Search the workspace** | SAVE TEMPLATE | CLEAR | CANCEL |
Select a folder or resource to view its details.
CONTRIBUTION

LOCATION /Users/John G/Sound Examples/Demo Working/Contribution
OWNER John G
MODIFIED 4/20/17 11:52 PM by John G
CREATED 4/20/17 11:49 PM by John G
PUBLICLY READABLE
PUBLICLY WRITABLE

characterized via a contributor and his or her role
CONTRIBUTION

LOCATION /Users/John G/Sound Examples/Demo Working/Contribution
OWNER John G
MODIFIED 4/20/17 11:52 PM by John G
CREATED 4/20/17 11:49 PM by John G
PUBLICLY READABLE
PUBLICLY WRITABLE

characterized via a contributor and his or her role
Improved Sound recording instance

Identifiers for the manifestation

- Audio issue number (RDA 2.15)
- EAN (RDA 2.15)

Instance of:

Place of Origin

Contribution

- Contributor Role
- Contributor Agent
Improved Sound recording instance

- Instance title
- Publication statement
- Capture
- Carrier, sound, and digital characteristics
- Identifiers for the manifestation
- contribution (1)

instance of:

Place of Origin: Northern California

CANCEL  SAVE
<table>
<thead>
<tr>
<th>Title</th>
<th>Created</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved Sound recording instance</td>
<td>4/24/17 10:31</td>
<td>4/24/17 10:31</td>
</tr>
<tr>
<td>Improved Sound recording instance</td>
<td>4/24/17 10:27</td>
<td>4/24/17 10:30</td>
</tr>
<tr>
<td>instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 P...</td>
</tr>
<tr>
<td>instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 P...</td>
</tr>
</tbody>
</table>

**Improved Sound recording instance**

- **Type**: template
- **Location**: /Shared/Shared by CEDAR/CEDAR LD4All Demo Using BIBFRAME/Improved Sound recording instance
- **Owner**: John G
- **Created**: 4/24/17 10:27 PM by John G
- **Modified**: 4/24/17 10:30 PM by John G
- **Can read**: true
- **Can write**: true
- **Can change owner**: true

https://cedar.stegp.metadatacenter.net/
Share

With groups

Everybody  can read

enter new group name

With people

enter user name  can read

John G  owner

Everybody

Group settings 📚

DONE
<table>
<thead>
<tr>
<th>Title</th>
<th>Created</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved Sound recording instance</td>
<td>4/24/17 10:31 PM</td>
<td>4/24/17 10:31 PM</td>
</tr>
<tr>
<td>improved Sound recording instance</td>
<td>4/24/17 10:27 PM</td>
<td>4/24/17 10:30 PM</td>
</tr>
<tr>
<td>Sound recording instance</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Sound recording instance metadata</td>
<td>4/24/17 3:27 PM</td>
<td>4/24/17 3:29 PM</td>
</tr>
<tr>
<td>Title</td>
<td>Created</td>
<td>Modified</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Shared by Anyone</td>
<td>4/21/17 1:18 P...</td>
<td>4/21/17 1:18 P...</td>
</tr>
<tr>
<td>Shared by CEDAR</td>
<td>4/21/17 1:18 P...</td>
<td>4/21/17 1:18 P...</td>
</tr>
<tr>
<td>Shared</td>
<td>4/21/17 12:50 P...</td>
<td>4/21/17 12:50 P...</td>
</tr>
<tr>
<td>ARR</td>
<td>12/16/16 9:04 P...</td>
<td>12/16/16 9:04 P...</td>
</tr>
<tr>
<td>BioSample</td>
<td>10/27/16 4:45 P...</td>
<td>10/27/16 4:47 P...</td>
</tr>
<tr>
<td>GEO</td>
<td>10/16/16 10:2 P...</td>
<td>10/16/16 10:2 P...</td>
</tr>
<tr>
<td>Sound recording instance</td>
<td>4/16/17 12:13 P...</td>
<td>4/24/17 2:52 P...</td>
</tr>
<tr>
<td>Sound recording instance metadata</td>
<td>4/21/17 3:41 P...</td>
<td>4/21/17 3:43 P...</td>
</tr>
<tr>
<td>Sound Recording Instance metadata</td>
<td>4/13/17 4:09 P...</td>
<td>4/18/17 10:31 P...</td>
</tr>
</tbody>
</table>