



[lido-schema.org](http://lido-schema.org)

# LIDO Terminology

LIDO Working Group Session 2023-09-24  
CIDOC Conference 2023

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# CIDOC LIDO Working Group Session

## LIDO Terminology

September 24, 2023

LIDO v1.1 recommends the use of **LIDO Terminology** for selected LIDO elements and attributes. In the session, the current status of the significantly extended LIDO Terminology will be presented and discussed. The integration and extension of LIDO Terminology in the context of LIDO application profiles will be demonstrated using **EODEM** and the portal "**Collections from Colonial Contexts**" in the German Digital Library as examples.

Registration: [https://events.gwdg.de/e/cidoc-lido-wg\\_2023-09-24](https://events.gwdg.de/e/cidoc-lido-wg_2023-09-24)

CIDOC LIDO Working Group: <https://cidoc.mini.icom.museum/working-groups/lido/>

LIDO Terminology: <http://terminology-view.lido-schema.org>

About the LIDO Terminology: <https://cidoc.mini.icom.museum/working-groups/lido/lido-overview/lido-terminology/>

Exhibition Object Data Exchange Model (EODEM): <https://cidoc.mini.icom.museum/working-groups/documentation-standards/eodem-home/>

Portal "Collections from Colonial Contexts": <https://ccc.deutsche-digitale-bibliothek.de/?lang=en>

LIDO Primer: <https://lido-schema.org/documents/primer/latest/lido-primer.html>

LIDO Website <https://lido-schema.org>

LIDO Documentation: <https://lido-schema.org/schema/latest/lido.html>



# CIDOC LIDO Working Group Session

## LIDO Terminology – Overview

1. LIDO
  1. About LIDO
  2. Controlled Vocabularies in LIDO
  3. LIDO Application Profiles
2. LIDO Terminology
3. LIDO Terminology in LIDO Application Profiles
  1. Exhibition Object Data Exchange Model (EODEM)
  2. Portal „Collections from Colonial Contexts“ (CCC)
4. Conclusion and Outlook

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# LIDO

LIDO – Lightweight Information Describing Objects



1.1

# About LIDO

# What is LIDO?

The [metadata schema LIDO \(Lightweight Information Describing Objects\)](#) was developed to make object data available for publication.

Descriptions of collection objects can contain a variety of **information related to**

- the (physical or digital) **object**,
- the **record/metadata** (metadata = data about data),
- and **digital representations of the object** (e.g. images, scans, videos).

LIDO provides a structure for this and serves many collections as a basis for providing information on objects, e.g. in the [German Digital Library](#) or in [Europeana](#).

# What is LIDO?

- LIDO is a **metadata schema** for the description of objects/works.
- LIDO is defined in the **XML-Schema** Language:  
LIDO v1.0 (2010), [LIDO v1.1](#) (2021).
- LIDO was developed for **harvesting** i.e. providing object data for publication.
- LIDO is used as **format for data delivery** to online portals like Europeana :  
With the help of LIDO, the data from local indexing structures are to be "**translated**" in such a way that they can also be understood in a new context (e.g. in an online portal alongside data from other institutions).
- The **LIDO Primer** provides a comprehensive introduction: :  
<https://lido-schema.org/documents/primer/latest/lido-primer.html>

# LIDO: Information Areas and Groups

## Descriptive Metadata

### Object Classification

1. Object/WorkType
2. Classification

### Object Identification

3. Title
4. Inscriptions
5. Repository/Location
6. State/Edition
7. Object Description
8. Object Measurements
9. ObjectMaterials/Techniques

### Event

10. Event Set

### Object Relation

11. Subject
12. Related Works

## Administrative Metadata

### Rights for Work

13. Rights for Work Set

### Record

14. Record Set

### Resource

15. Resource Set



# LIDO: Development

LIDO is developed by

[CIDOC LIDO Working Group](#)

CIDOC = International Committee for Documentation

ICOM - International Council of Museums

[LIDO-DE AG](#)

working group of the specialist group  
Museum Documentation in the  
German Museum Association

[lido-feedback@sub.uni-goettingen.de](mailto:lido-feedback@sub.uni-goettingen.de)

LIDO is based on

[CDWA](#)

Categories for the Description of Works of Art (Getty)

([Short version](#))

[CIDOC-CRM](#)

Conceptual Reference Model:  
ontology for concepts and information in  
cultural heritage and  
museumdocumentation

[Spectrum](#)

museum collections management standard  
(UK)

# LIDO: Links

## Schema and documentation

- [LIDO XML Schema \[XSD\]](#)
- [LIDO Documentation \[HTML\]](#)
- [What is new in LIDO v1.1?](#)
- [LIDO Primer](#)

## Examples

- <https://lido-schema.org/examples>
- LIDO Handbook Painting and Sculpture (Examples):  
Knaus, Gudrun; Kailus, Angela; Stein, Regine, 2022, "LIDO-Handbuch für die Erfassung und Publikation von Metadaten zu kulturellen Objekten - Band 2: Malerei und Skulptur [Anwendungsbeispiele]",  
<https://doi.org/10.11588/data/CHEPS6>, heiDATA, V2

1.2

# Controlled Vocabularies in LIDO

# Why are controlled vocabularies important?

Use of controlled vocabularies instead of free text

- allows **good search/retrieval** in aggregated data (e.g. online portals)
  - **unambiguity (explicitness)**
  - enrichment with **synonyms**
  - enrichment with **multilingual information**
- enables the **enrichment of data**. For example, an ULAN-URI (Union List of Artist Names) can be used to retrieve additional information about a person,
- creates a good basis for the transformation of LIDO data into [Linked Data/Linked Open Data](#) (LOD) and thus for linking **distributed data**.

# Controlled Vocabularies

- named entities
- concepts/units of thoughts

# Named Entities

e.g.

- Leonardo, da Vinci
- Mexico City
- Mona Lisa

# Named Entities

e.g.

- Leonardo, da Vinci, 1452-1519 = **person**
- Mexico City = **place**
- Mona Lisa = **object/work** or **person**

# Named Entities

e.g.

- Leonardo, da Vinci, 1452-1519:  
<http://vocab.getty.edu/ulan/500010879>
- Mexico City: <https://www.wikidata.org/entity/Q1489>
- Mona Lisa:
  - object: <https://collections.louvre.fr/en/ark:/53355/cl010062370>
  - person: <http://vocab.getty.edu/ulan/500341678>



# Concepts/Units of Thought

e.g.

- Painter
- Production
- City
- Painting

# Concepts/Units of Thought

e.g.

- Painter = profession or **role of an actor in an event**
- Production = **event type**
- City = **place type**
- Painting = **object/work type**

# Concepts/Units of Thought

e.g.

- Painter: <http://vocab.getty.edu/aat/300025136>
- Production: <http://terminology.lido-schema.org/lido00007>
- City: <http://www.wikidata.org/entity/Q515>
- Painting: <http://vocab.getty.edu/aat/300033656>

# Term

A term (concept) consists of:

- **descriptors/labels**
  - preferred label
  - if applicable: alternative labels
- **ID**
  - local ID, or better
  - global ID
    - preferably as URI (Uniform Resource Identifier)  
definition URI in LIDO Terminology: <http://terminology.lido-schema.org/lido00099>  
[https://de.wikipedia.org/wiki/Uniform\\_Resource\\_Identifier](https://de.wikipedia.org/wiki/Uniform_Resource_Identifier)

# Term: Example from Getty Art & Architecture Thesaurus (AAT)

- Preferred label EN: **painters (artists)**
- Preferred label DE: **Maler**
- Alternative label EN: **painter (artist)**
- Alternative label DE: **Kunstmaler**
- Local ID: **300025136**
- Global ID/URI: <http://vocab.getty.edu/aat/300025136>

# LIDO Terminology Recommendation

1. LIDO recommends the use of **LIDO Terminology for selected LIDO elements and attributes**
  - Concepts only!
  - The LIDO Terminology is developed under the auspices of the CIDOC LIDO Working Group
2. LIDO recommends **other controlled vocabularies** (preferably provided as Linked Open Data), e.g. Getty Art & Architecture Thesaurus (AAT), Wikidata, for further LIDO elements and attributes
  - Concepts and named entities

All recommendations are provided by the **LIDO Terminology Recommendation** document:

<https://lido-schema.org/documents/terminology-recommendation.html>

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# LIDO Terminology Recommendation

The **LIDO Terminology Recommendation** document provides recommendations for the use of controlled vocabulary for many LIDO elements and attributes.

You can open the terminology recommendations in your browser using the following address:

<https://lido-schema.org/documents/terminology-recommendation.html>

Recommendations for elements (with #elementname):

<https://lido-schema.org/documents/terminology-recommendation.html#objectWorkType>

Recommendations for attributes (with #attributename):

[https://lido-schema.org/documents/terminology-recommendation.html#objectWorkType\\_type](https://lido-schema.org/documents/terminology-recommendation.html#objectWorkType_type)

**Example: LIDO recommends the use of the Getty AAT Objects Facet for the LIDO element Object/Work Type**

## objectWorkType

[Go to the schema documentation for objectWorkType](#)

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### Terminology recommendations

For the **Object/Work Type** element choose a concept URI from the **Objects Facet** hierarchy of the Art & Architecture Thesaurus, or another linked open vocabulary.

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See also recommendations in **CDWA 21.2. Object/Work Type – TERMINOLOGY/FORMAT**

# LIDO Terminology

The **LIDO Terminology** is available as LOD (**Linked Open Data**) vocabulary and contains vocabularies for selected LIDO elements and attributes.

The LIDO Terminology often refers to the **CIDOC CRM**.

You can view the LIDO vocabularies in your browser using the following address:

<http://terminology-view.lido-schema.org>

Example: LIDO Term for Event Type “Production”

<http://terminology.lido-schema.org/lido00007>

<http://terminology.lido-schema.org/lido00007.rdf>

SPARQL:

<http://terminology.lido-schema.org/sparql>

Documentation:

<https://cidoc.mini.icom.museum/working-groups/lido/lido-overview/lido-terminology/>

<https://cidoc.mini.icom.museum/working-groups/lido/lido-overview/lido-terminology/lod-interface/>

## Selected vocabulary: LIDO-Terminologie

- + [category\\_ \(en\)](#)
- + [classification\\_type \(en\)](#)
- + [earliestDate\\_type \(en\)](#)
- + [eventDescriptionSet\\_type \(en\)](#)
- + [eventPlace\\_type \(en\)](#)
- [eventType \(en\)](#)
  - [Activity \(Non-indexing term\) \(en\)](#)
    - [Acquisition \(Activity\) \(en\)](#)
    - + [Attribute assignment \(en\)](#)
    - [Commissioning \(en\)](#)
    - [Condition assessment \(en\)](#)
    - [Conservation \(en\)](#)
    - + [Creation \(en\)](#)
    - [Destruction \(en\)](#)
    - [Excavation \(en\)](#)
    - [Exhibition \(Activity\) \(en\)](#)
    - [Finding \(Activity\) \(en\)](#)
    - [Marketing \(en\)](#)
    - + [Modification \(en\)](#)
    - [Move of object \(Activity\) \(en\)](#)
    - + [Object requirement assessment \(en\)](#)
    - [Performance \(en\)](#)
    - [Planning \(en\)](#)
    - [Provenance event \(en\)](#)
    - + [Transfer of custody \(en\)](#)
    - [Use \(en\)](#)



# Integration of Controlled Vocabularies

```

-<lido:eventWrap>
  -<lido:eventSet>
    -<lido:event>
      -<lido:eventType>
        -<skos:Concept rdf:about="http://terminology.lido-schema.org/lido00011">
          <skos:prefLabel xml:lang="en">Use</skos:prefLabel>
          <skos:prefLabel xml:lang="de">Gebrauch</skos:prefLabel>
        </skos:Concept>
      </lido:eventType>
      <lido:eventActor/>
      <lido:eventDate/>
      <lido:eventPlace/>
      <lido:thingPresent/>
      <lido:relatedEventSet/>
    </lido:event>
  </lido:eventSet>
</lido:eventWrap>

-<lido:measurementType>
  -<skos:Concept rdf:about="http://www.wikidata.org/entity/Q35059">
    <skos:prefLabel xml:lang="en">width</skos:prefLabel>
    <skos:prefLabel xml:lang="de">Breite</skos:prefLabel>
    <skos:mappingRelation>http://vocab.getty.edu/aat/300055647</skos:mappingRelation>
  </skos:Concept>
</lido:measurementType>

```

LIDO Terminology

Other vocabularies  
e.g. Wikidata, Getty AAT

<https://lido-schema.org/schema/v1.1/lido-v1.1.html#eventType>

# Example: Types of Object Description

Without controlled vocabulary LIDO data could contain different character strings for the same type of object description, e.g.

- "Condition description"
- "Condition Description"
- "condition"
- "Condition of the object"
- "Condition state"
- "Erhaltungszustand"
- ...

This makes it difficult for a data receiver to process data from different sources and to identify related data or the same kind of data.

# Example:

## LIDO Term „Condition description“

The following object description text has the type  
„Condition description“ (<http://terminology.lido-schema.org/lido00268>).

```
<lido:objectDescriptionSet lido:type="http://terminology.lido-schema.org/lido00268">  
  <lido:descriptiveNoteValue>  
    Trimmed at the upper edge. Originally, Rubens' entire hat was visible. The original condition of the painting can be deduced  
    from printed reproductions, e.g. in: "Rubens and his First Wife" by Carl Ernst Hess in the British Museum, Department of  
    Prints and Drawings.  
  </lido:descriptiveNoteValue>  
  <lido:sourceDescriptiveNote>  
    Norbert Schnabel, Trautes Paar im Grünen – „Die Geißblattlaube“ von Peter Paul Rubens. URL: http://syndrome-de-stendhal.blogspot.com/2015/02/trautes-paar-im-grunen-die.html (Last updated on 28.7.2018) [2022-04-29]  
  </lido:sourceDescriptiveNote>  
  <lido:sourceDescriptiveNote>  
    https://www.britishmuseum.org/collection/object/P\_R-3-1 [2022-05-31]  
  </lido:sourceDescriptiveNote>  
</lido:objectDescriptionSet>
```

Attributes (here: @lido:[type](#)) allow you to assign properties to elements (here: <lido:[objectDescriptionSet](#)>).

# Example:

## LIDO Term „Condition description“

- Preferred label EN: **Condition description**
- Preferred label DE: Zustandsbeschreibung
- Alternative label EN: Condition state (description)
- Alternative label DE: Erhaltungszustand (Beschreibung)
- Local ID: lido00268
- Global ID/URI: <http://terminology.lido-schema.org/lido00268>
- Definition: **Condition description**, as a value for the type attribute of the LIDO [Object Description Set](#) and [Event Description Set](#) elements, designates a prose description of either the most recent overall physical condition, characteristics, and completeness of a work or in the context of the event in focus. [Based on AAT "[condition/examination description](#)"]
- ....

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# LIDO Application Profiles

# LIDO Application Profiles

LIDO Profiles are connected with specific use cases and may consist of

- further mandatory elements,
- „mandatory if available“ recommendations,
- restrictions which elements to use,
- terminology recommendations,
- extensions of provided LIDO Terminology,

but always have to be compliant with the schema!

**The aim is to improve the quality of indexing and data export.**

# LIDO Application Profiles

- Description of the specifications and recommendations for the use of LIDO in a specific use case/for a specific application.
  - **readable by humans** e.g. manual/handbook
- and/or
  - **machine-readable** e.g. XML Schema Document (XSD)
- the more comprehensibly documented profiles are, the better!

# LIDO Profile XSD (XML Schema Document)



Within the KONDA project, a **workflow** was developed at SUB Göttingen to generate profile-specific XSDs based on the LIDO v1.1 XSD and a configuration file (XML).



For more information see:

<https://lido-schema.org/documents/primer/latest/lido-primer.html#application-profiles>

<https://www.sub.uni-goettingen.de/en/projects-research/project-details/projekt/konda/>



# Published LIDO Application Profiles

- [EODEM](#) (Exhibition Object Data Exchange Model) (LIDO v1.1)
- [LIDO-Handbuch Malerei und Skulptur](#) (LIDO v1.1)
- [DFG Practical Guidelines on Digitisation](#).  
Appendix C: LIDO core elements for publication (LIDO v1.1)
- DDB-LIDO ([Mandatory elements](#)) (LIDO v1.0/LIDO v1.1)
- [LIDO-Handbuch Graphik](#) (LIDO v1.0)

# LIDO Application Profiles: Links

- **LIDO Website:** LIDO Profiles  
<https://cidoc.mini.icom.museum/working-groups/lido/lido-overview/profiles/>
- **Presentation slides:** LIDO Profiles (CIDOC 2021/2022)  
[http://lido-schema.org/documents/presentations/2022\\_CIDOC/PRE\\_CIDOC\\_LIDO-Profiles\\_2022-05-22.pdf](http://lido-schema.org/documents/presentations/2022_CIDOC/PRE_CIDOC_LIDO-Profiles_2022-05-22.pdf)
- **LIDO Primer:** LIDO Application Profiles  
<https://lido-schema.org/documents/primer/latest/lido-primer.html#application-profiles>



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# Questions?

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# LIDO Terminology

# LIDO Terminology Recommendation

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2. LIDO recommends **other controlled vocabularies** (preferably provided as Linked Open Data), e.g. Getty Art & Architecture Thesaurus (AAT), Wikidata, for further LIDO elements and attributes
  - Concepts and named entities

All recommendations are provided by the **LIDO Terminology Recommendation** document:

<https://lido-schema.org/documents/terminology-recommendation.html>

# LIDO Terminology: Development

2010 LIDO v1.0

Since 2010: Use of LIDO as harvesting format/delivery format for [Europeana](#) and [German Digital Library \(DDB\)](#)

Since 2014 **Development of LIDO Terminology** (LIDO-AG, DDB)

- **2016 Release of the first LIDO Terminology vocabularies**

2017 Determination of requirements for the next LIDO version

2019-2022 Project [KONDA](#)

- LIDO v1.1, further development of LIDO Terminology
- LIDO Primer, Handbooks Painting and Sculpture, Architecture

2020 Presentation of LIDO v1.1 beta during CIDOC Conference

2021 **Publication of LIDO v1.1** and presentation during [CIDOC Conference 2021/2022](#)

- LIDO v1.1, is backwards compatible to LIDO v1.0  
a valid LIDO v1.0 record is also a valid LIDO v1.1 record

Since 2020 Further development and dissemination of LIDO by [NFDI4Culture](#)  
Consortium for Research Data on Material and Immaterial Cultural Heritage (DFG: 441958017)

**2023 Release of further LIDO Terminology vocabularies**



# Rationale of the LIDO Terminology

Vocabulary is developed for LIDO elements and attributes if

- a general terminology recommendation is likely to cover many/most/all use cases
- no appropriate vocabulary at all is out there and free for reuse or compiling terms from various vocabularies into **one** vocabulary will significantly facilitate consistent indexing

Note that most of the vocabularies consist of relatively few terms and are expected to be exhaustive.

# LIDO Terminology: **New** Vocabularies

1. LIDO Actor Type-Vocabulary: [http://terminology.lido-schema.org/actor\\_type](http://terminology.lido-schema.org/actor_type)
2. LIDO Classification Type-Vocabulary: [http://terminology.lido-schema.org/classification\\_type](http://terminology.lido-schema.org/classification_type)
3. LIDO Earliest Date Type-Vocabulary: [http://terminology.lido-schema.org/earliestDate\\_type](http://terminology.lido-schema.org/earliestDate_type)
4. LIDO Event Description Set Type-Vocabulary: [http://terminology.lido-schema.org/eventDescriptionSet\\_type](http://terminology.lido-schema.org/eventDescriptionSet_type)
5. LIDO Event Place Type-Vocabulary: [http://terminology.lido-schema.org/eventPlace\\_type](http://terminology.lido-schema.org/eventPlace_type)
6. LIDO Gender Actor Vocabulary: <http://terminology.lido-schema.org/genderActor>
7. LIDO Gender Actor Type-Vocabulary: [http://terminology.lido-schema.org/genderActor\\_type](http://terminology.lido-schema.org/genderActor_type)
8. LIDO Latest Date Type-Vocabulary: [http://terminology.lido-schema.org/latestDate\\_type](http://terminology.lido-schema.org/latestDate_type)
9. LIDO Nationality Actor Type-Vocabulary: [http://terminology.lido-schema.org/nationalityActor\\_type](http://terminology.lido-schema.org/nationalityActor_type)
10. LIDO Object Description Set Type-Vocabulary: [http://terminology.lido-schema.org/objectDescriptionSet\\_type](http://terminology.lido-schema.org/objectDescriptionSet_type)
11. LIDO Period/Style Type-Vocabulary: [http://terminology.lido-schema.org/periodName\\_type](http://terminology.lido-schema.org/periodName_type)
12. LIDO Preference Vocabulary: <http://terminology.lido-schema.org/pref>
13. LIDO Subject Type-Vocabulary: [http://terminology.lido-schema.org/subject\\_type](http://terminology.lido-schema.org/subject_type)
14. LIDO Vital Dates Actor Type-Vocabulary: [http://terminology.lido-schema.org/vitalDatesActor\\_type](http://terminology.lido-schema.org/vitalDatesActor_type)
15. LIDO Vital Place Actor Type-Vocabulary: [http://terminology.lido-schema.org/vitalPlaceActor\\_type](http://terminology.lido-schema.org/vitalPlaceActor_type)
16. LIDO Repository Work Identification Number Type-Vocabulary: [http://terminology.lido-schema.org/workID\\_type](http://terminology.lido-schema.org/workID_type)

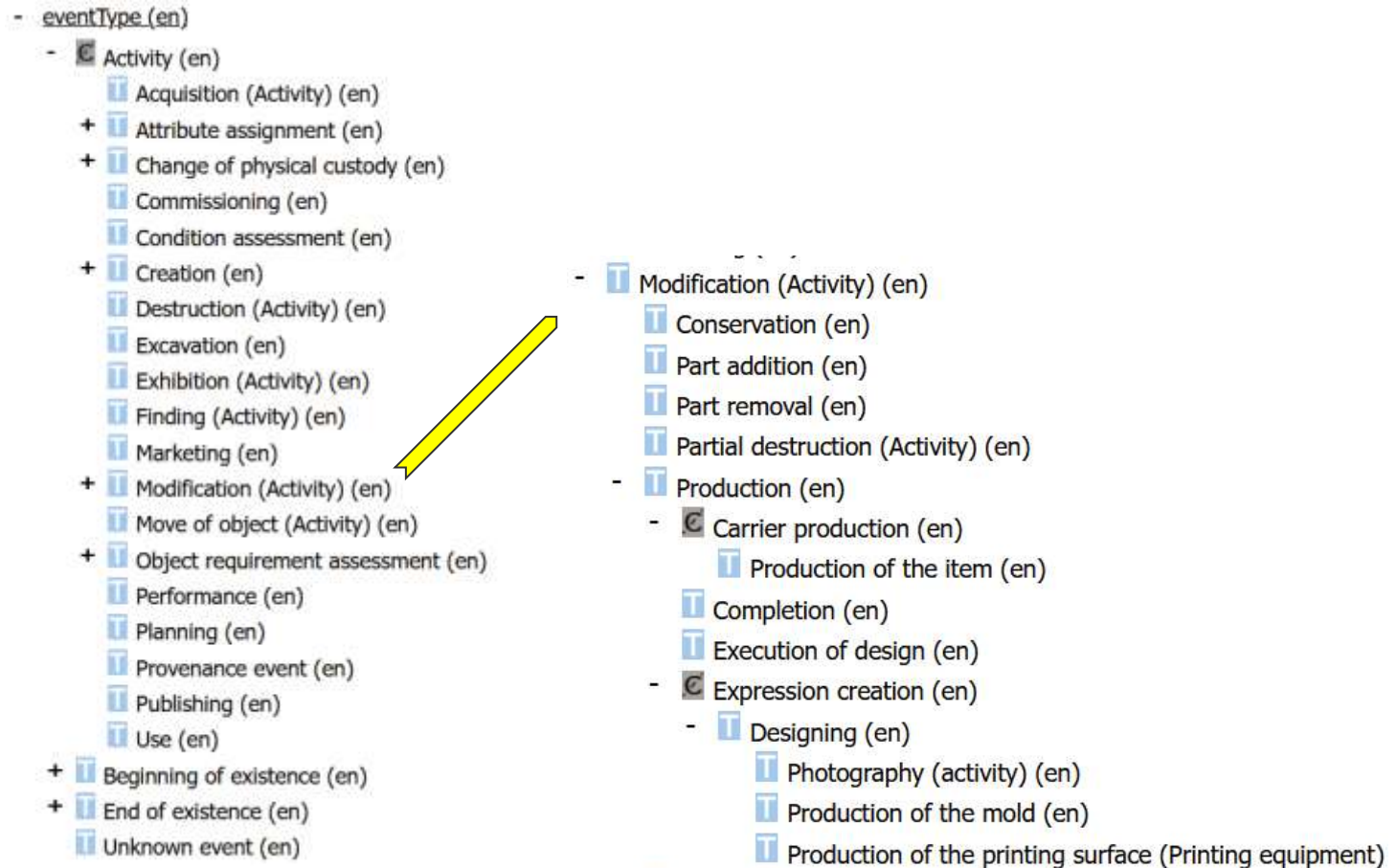


# LIDO Terminology: **Finally!** Event Type

- LIDO Event Type Vocabulary:

<http://terminology.lido-schema.org/eventType>

- 44 terms for review
- definitions added
- further terms under development







2.1




# LIDO Terminology: New Vocabularies




# LIDO Terminology: **New** Vocabularies

*“Around Actor”*

- **LIDO Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/actor\\_type](http://terminology.lido-schema.org/actor_type)
- **LIDO Gender Actor Vocabulary:**  
<http://terminology.lido-schema.org/genderActor>
- **LIDO Gender Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/genderActor\\_type](http://terminology.lido-schema.org/genderActor_type)
- **LIDO Nationality Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/nationalityActor\\_type](http://terminology.lido-schema.org/nationalityActor_type)
- **LIDO Vital Dates Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalDatesActor\\_type](http://terminology.lido-schema.org/vitalDatesActor_type)
- **LIDO Vital Place Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalPlaceActor\\_type](http://terminology.lido-schema.org/vitalPlaceActor_type)

- actor\_type (en)
  -  Group of persons (en)
    -  Family (en)
    -  Organization (Actor) (en)
  -  Person (en)





- genderActor\_type (en)
  -  Gender (Sociological concept) (en)
  -  Sex (Biological concept) (en)
  -  Sex or gender (en)




- nationalityActor\_type (en)
  -  Country affiliation (en)
  -  Cultural affiliation (en)
  -  Ethnic affiliation (en)




# LIDO Terminology: **New** Vocabularies

*“Around Actor”*

- **LIDO Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/actor\\_type](http://terminology.lido-schema.org/actor_type)
- **LIDO Gender Actor Vocabulary:**  
<http://terminology.lido-schema.org/genderActor>
- **LIDO Gender Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/genderActor\\_type](http://terminology.lido-schema.org/genderActor_type)
- **LIDO Nationality Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/nationalityActor\\_type](http://terminology.lido-schema.org/nationalityActor_type)
- **LIDO Vital Dates Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalDatesActor\\_type](http://terminology.lido-schema.org/vitalDatesActor_type)
- **LIDO Vital Place Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalPlaceActor\\_type](http://terminology.lido-schema.org/vitalPlaceActor_type)

- actor\_type (en)
  -  Group of persons (en)
    -  Family (en)
    -  Organization (Actor) (en)
  -  Person (en)

- genderActor\_type (en)
  -  Gender (Sociological concept) (en)
  -  Sex (Biological concept) (en)
  -  Sex or gender (en)

- nationalityActor\_type (en)
  -  Country affiliation (en)
  -  Cultural affiliation (en)
  -  Ethnic affiliation (en)

# LIDO Terminology: **New** Vocabularies

*“Around Date/Period/Style”*

- **LIDO Earliest Date Type-Vocabulary:**  
[http://terminology.lido-schema.org/earliestDate\\_type](http://terminology.lido-schema.org/earliestDate_type)
- **LIDO Latest Date Type-Vocabulary:**  
[http://terminology.lido-schema.org/latestDate\\_type](http://terminology.lido-schema.org/latestDate_type)
- **LIDO Period/Style Type-Vocabulary:**  
[http://terminology.lido-schema.org/periodName\\_type](http://terminology.lido-schema.org/periodName_type)
- **LIDO Vital Dates Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalDatesActor\\_type](http://terminology.lido-schema.org/vitalDatesActor_type)

- earliestDate\_type (en)

- ┆ Estimated date (en)
- ┆ Exact date (en)

- periodName\_type (en)

- ┆ Dynasty (en)
- ┆ Group (Period/Style) (en)
- ┆ Movement (Period/Style) (en)
- ┆ Period (en)
- ┆ Style (en)

- vitalDatesActor\_type (en)

- ┆ Birth date (en)
- ┆ Date of activity (en)
- ┆ Death date (en)
- ┆ Dissolution date (en)
- ┆ Foundation date (en)

# LIDO Terminology: **New** Vocabularies

*“Around Place”*

- **LIDO Event Place Type-Vocabulary:**  
[http://terminology.lido-schema.org/eventPlace\\_type](http://terminology.lido-schema.org/eventPlace_type)
- **LIDO Vital Place Actor Type-Vocabulary:**  
[http://terminology.lido-schema.org/vitalPlaceActor\\_type](http://terminology.lido-schema.org/vitalPlaceActor_type)

- eventPlace\_type (en)
  - T Place of discovery (en)
  - T Point of destination (en)
  - T Point of origin (en)

- vitalPlaceActor\_type (en)
  - T Birth place (en)
  - T Death place (en)
  - T Foundation place (en)
  - T Place of activity (en)
  - T Place of dissolution (en)

# LIDO Terminology: **New** Vocabularies

*“Around Object”*

- **LIDO Classification Type-Vocabulary:**  
[http://terminology.lido-schema.org/classification\\_type](http://terminology.lido-schema.org/classification_type)
- **LIDO Object Description Set Type-Vocabulary:**  
[http://terminology.lido-schema.org/objectDescriptionSet\\_type](http://terminology.lido-schema.org/objectDescriptionSet_type)
- **LIDO Subject Type-Vocabulary:**  
[http://terminology.lido-schema.org/subject\\_type](http://terminology.lido-schema.org/subject_type)
- **LIDO Repository Work Identification Number Type-Vocabulary:**  
[http://terminology.lido-schema.org/workID\\_type](http://terminology.lido-schema.org/workID_type)

- classification\_type (en)
  - ▣ Object genre (en)
  - ▣ Subject category (en)
  - ▣ Local classification (en)
  - ▣ Special classification (en)

- subject\_type (en)
  - ▣ Description (Subject) (en)
  - ▣ Iconclass notation (en)
  - ▣ Identification (Subject) (en)
  - ▣ Interpretation (Subject) (en)

- workID\_type (en)
  - ▣ Accession number (en)
  - ▣ Call number (en)
  - ▣ Catalog number (en)
  - ▣ Inventory number (en)
  - ▣ Old inventory number (en)

# LIDO Terminology: **New** Vocabularies

*“Around Event”*

- **LIDO Event Description Set Type-Vocabulary:**  
[http://terminology.lido-schema.org/eventDescriptionSet\\_type](http://terminology.lido-schema.org/eventDescriptionSet_type)
- **LIDO Event Place Type-Vocabulary:**  
[http://terminology.lido-schema.org/eventPlace\\_type](http://terminology.lido-schema.org/eventPlace_type)

- eventDescriptionSet\_type (en)
  - T Acquisition description (en)
  - T Condition description (en)
  - T Conservation description (en)
  - T Exhibitions description (en)
  - T Materials/Techniques description (en)
  - T Provenance description (en)
  - T Technical examination description (en)

- eventPlace\_type (en)
  - T Place of discovery (en)
  - T Point of destination (en)
  - T Point of origin (en)



# LIDO Terminology: **New** Vocabularies

*“Miscellaneous”*

- **LIDO Preference Vocabulary:**  
<http://terminology.lido-schema.org/pref>

- pref (en)

- ▣ Alternative label (en)
- ▣ Display label (en)
- ▣ Hidden label (en)
- ▣ Index label (en)
- ▣ Preferred label (en)









## 2.2

# LIDO Terminology: Released Vocabularies with **New** Terms

# LIDO Terminology: Released Vocabularies

*New terms for review:*

**LIDO Repository/Location Set Type-Vocabulary Type-Vocabulary:**  
[http://terminology.lido-schema.org/repositorySet\\_type](http://terminology.lido-schema.org/repositorySet_type)

- repositorySet\_type (en)
  -  Current repository or location (en) 
  -  Current location (en)
  -  Current repository (en)
  -  Former repository or location (en) 
  -  Former location (en)
  -  Former repository (en)

# LIDO Terminology: Released Vocabularies

*New terms for review:*

**LIDO Term Materials/Techniques Type-Vocabulary:**


[http://terminology.lido-schema.org/termMaterialsTech\\_type](http://terminology.lido-schema.org/termMaterialsTech_type)

- termMaterialsTech\_type (en)


 Color Name (en)

 Implement (en)

-  Material (en)

 Medium (en)

 Support (en)

 Technique (en)

 Watermark (en)

NEW

NEW

NEW

NEW

# LIDO Terminology: Released Vocabularies


*New terms for review:*


**LIDO Record Metadata Information Set Type-Vocabulary:**


[http://terminology.lido-schema.org/recordInfoSet\\_type](http://terminology.lido-schema.org/recordInfoSet_type)

- recordInfoSet\_type (en)

NEW

-  Metadata (en)

 LIDO record (en)

 Source record (en)

-  Presentation (en)

 Online presentation (en)

-  Service (en)

 IIIF Presentation Manifest (en)

NEW

# LIDO Terminology: Released Vocabularies

*New terms for review:*

## LIDO Resource Representation Type-Vocabulary:

[http://terminology.lido-schema.org/resourceRepresentation\\_type](http://terminology.lido-schema.org/resourceRepresentation_type)

- resourceRepresentation\_type (en)
  - Placeholder (en)
  - + Preview representation (en)
  - + Provided representation (en)
  - Service (Resource representation) (en)
    - IIIF Image API Base URI (en)

NEW

# LIDO Terminology: Released Vocabularies

*No new terms for review:*

- **LIDO Identifier Type-Vocabulary:**  
[http://terminology.lido-schema.org/identifier\\_type](http://terminology.lido-schema.org/identifier_type)
- **LIDO Object Measurements Set Type-Vocabulary** (*since LIDO v1.1*):  
[http://terminology.lido-schema.org/objectMeasurementsSet\\_type](http://terminology.lido-schema.org/objectMeasurementsSet_type)
- **LIDO Object Type Vocabulary** (*since LIDO v1.1*):  
<http://terminology.lido-schema.org/objectType>
- **LIDO Record Metadata Date Type-Vocabulary:**  
[http://terminology.lido-schema.org/recordMetadataDate\\_type](http://terminology.lido-schema.org/recordMetadataDate_type)
- **LIDO Record Type Vocabulary:**  
<http://terminology.lido-schema.org/recordType>
- **LIDO Rights Type Type-Vocabulary** (*since LIDO v1.1*):  
[http://terminology.lido-schema.org/rightsType\\_type](http://terminology.lido-schema.org/rightsType_type)

# LIDO Terminology: Forthcoming!

## *Further terms under development:*

- **LIDO Event Type Vocabulary:**  
<http://terminology.lido-schema.org/eventType>
  - Event types in colonial contexts
  - Event types around Architecture
- **LIDO Object Type Vocabulary:**  
<http://terminology.lido-schema.org/objectType>
  - Object types for fictional, religious, mythological, or legendary characters , places or events
- **LIDO Related Work Relationship Type Vocabulary:**  
<http://terminology.lido-schema.org/relatedWorkRelType>
  - Relationship types for associative whole-part relationships





# Questions? Comments?

Review is open until 10 November

- 16 new vocabularies, 5 vocabularies extended : 128 terms



Any feedback welcome at [lido-feedback@sub.uni-goettingen.de](mailto:lido-feedback@sub.uni-goettingen.de) !



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Status

 Review

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# Break

3

# LIDO Terminology in LIDO Application Profiles

## 3.1

# Exhibition Object Data Exchange Model (EODEM)

Slides: [https://lido-schema.org/documents/presentations/2023\\_CIDOC/PRE\\_2023-09-24\\_CIDOC-LIDO-WG\\_EODEM.pdf](https://lido-schema.org/documents/presentations/2023_CIDOC/PRE_2023-09-24_CIDOC-LIDO-WG_EODEM.pdf)

Website: <https://cidoc.mini.icom.museum/working-groups/documentation-standards/eodem-home/>

## 3.2

# Portal „Collections from Colonial Contexts“ (CCC)

Slides: [https://lido-schema.org/documents/presentations/2023\\_CIDOC/PRE\\_2023-09-24\\_CIDOC-LIDO-WG\\_CCC.pdf](https://lido-schema.org/documents/presentations/2023_CIDOC/PRE_2023-09-24_CIDOC-LIDO-WG_CCC.pdf)

Website: <https://ccc.deutsche-digitale-bibliothek.de/?lang=en>

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# Conclusion and Outlook

# Thank you!



*Lightweight Information Describing Objects*

lido-schema.org

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