EODEM
EXHIBITION OBJECT DATA EXCHANGE MODEL

LIDO profile DRAFT version 0.06

CIDOC Documentation Standards Working Group

Background

EODEM stands for Exhibition Object Data Exchange Model. The standard has been created to facilitate the export of data from the museum Collection Management System (CMS) of an institution lending an item to the CMS of the institution borrowing it. The standard recognises the variety of data appropriate to different items lent, the variety of data structures in CMSs, and the variety of quality of data recorded in CMSs in every sense.

The desirability and feasibility of the standard were discussed at a round table discussion between documentalists from the CIDOC Documentation Standards Working Group (DSWG) and system suppliers, held on 30 September 2018 at the CIDOC Annual Conference in Heraklion, where it was agreed that such a standard, if tightly circumscribed, could be feasible. The DSWG were asked to draft a data standard for review and discussion by the vendors.

Several outstanding questions were discussed and resolved at an online meeting on 27 February 2020, attended by:
- Maija Ekosaari (CIDOC DSWG)
- Norbert Kanter (Zetcom)
- Richard Light (Modes User Group)
- Rob Tice (Knowledge Integration)
- Rupert Shepherd (CIDOC DSWG)
- Sascha Curzon (Gallery Systems)

The draft EODEM data description was subsequently mapped to LIDO version 1.1 at a series of meetings between 29 April and 23 October 2020, attended variously by:
- Jette Klein-Berning (Zetcom)
- Maija Ekosaari (CIDOC DSWG)
- Mike Jones
- Mikko Sola (Userix Oy)
- Norbert Kanter (Zetcom)
- Regine Stein (CIDOC LIDO Working Group)
- Richard Light (Modes User Group)
- Rob Tice (Knowledge Integration)

- Rupert Shepherd (CIDOC DSWG)
- Sascha Curzon (Gallery Systems)

Acknowledgements

General principles

1. The standard is intended to facilitate the exchange of what is in CMSs rather than what perhaps should be in CMSs. The highest data standard has therefore been set that is not likely to be a barrier to export or import the required information. In many cases the exporting CMS will have higher data standards than the EODEM. Our aim has therefore been to strike a balance between ease of implementation, and being so unprescriptive as to make the exchanged data worthless for all practical purposes.
2. This document should be read in conjunction with the latest version of the EODEM notional workflow document.
3. The likelihood of information about the same object being imported multiple times has a significant impact on how the receiving system should handle imports. It is likely that users will want the option to:
    a. Overwrite existing data
    b. Append to existing data
    c. Import as an entirely new record
4. Different systems store different data in different ways, and to different levels of granularity. This draft data structure includes some areas where the structure is very granular, and we acknowledge that not all vendors will be able to meet this level of granularity. This might be addressed by vendors adopting (and declaring in their EODEM data) a particular level of compliance, for example:
    a. Level 1: data as text only
    b. Level 2: granular / structured data
    c. Level 3: granular / structured data with all entities identified by resolvable Linked Data URIs
5. If data provided in EODEM cannot be accommodated in the receiving CMS, vendors should consider ways in which it can be dumped in a holding area (probably a free-text field). (They might also wish to consider adding the relevant units of information to their product in the next round of enhancements.)
6. No field shall be re-purposed or re-labelled. The principle of mapping shall be if the exporting CMS holds data that matches that field, then it will be exported, if it hasn't, it won't and it won't squeeze it in somewhere else either.

7. The units of information below the lido top-level element are to be attributed as to a single record representing a single object and will be exported as a single packet in the export file. No partitioning, grouping or membership is facilitated, and therefore no inheritance is permitted or required.

8. The only mandatory fields to be filled from CMS data are Object Identifier, Object Type, Title/Name and LIDO Record Type. The LIDO Record ID, LIDO Application Profile, Lender Name, Local Record ID and Date/Timestamp are also mandatory but will be filled in automatically at the point of export.

9. Where multiple instances exist in an exporting CMS of a unit of information for which the standard describes a single instance, then only the first or, where possible, the most appropriate entry shall be used. Concatenations of multiple terms are not acceptable.

10. The exchange Model does not envisage that data will be filtered or arranged prior to exchange. The scope notes are written such as to not make demands on the exported data that would require this (see note 1). Examples given are in some cases intended to indicate how poor (in data standard terms) the acceptable data to be exchanged can usefully be.

11. The standard makes no explicit provision for exporting references to controlled terminologies of any kind. However, the adoption of LIDO as our data exchange format enables us, through the LIDO model of value / identifier pairs, to refer to controlled vocabularies, if the relevant identifiers exist in data - with all the potential advantages that that might bring.

12. Data types of individual units of information will vary from system to system, so the data types proposed below are purely indicative: they describe what we expect the data to look like. We envisage a transport mechanism that encodes all data as (Unicode) text, and so individual system developers would handle data type conversions on export and ingest to match their individual systems' requirements.

13. Likewise, where a standard vocabulary is proposed (e.g. to describe a language), we expect that vendors will, wherever possible, convert local values to the standard upon export, and - if necessary - convert them back to their system's local values upon ingest.

14. And the same applies to types, for example Title Type: individual vendors may feel that their clients would rather any supplied type was overwritten by a generic term reflecting the information's origin (e.g. "lender's title"), and this is permissible - but should, of course, be documented.

15. There are likely to be values which are not held explicitly in some CMSs, but which could be assumed for all objects or for definable groups of objects. Our expectation is that developers may be able to insert these directly into the data package upon export, rather than require the creation of new fields in their systems or ask clients to insert values into the package by hand. Equally, vendors may wish to make the allocation of some of these values definable by clients via their system's configuration settings.

16. If an image is not represented by a URI, it is assumed that the image files will be provided in a zipped folder whose name is defined in the Image field.

17. It would seem sensible to develop a standard for EODEM which is based upon existing standards which have already been incorporated into at least some CMSs.

The obvious candidates were [LIDO](#) (the basis of the Europeana Inside mechanism added recently to several CMSs) and [Spectrum](#) (with which several CMSs are compliant). However, neither standard contained all the units of information we have identified as requirements for EODEM. It was agreed on 27 February to liaise with the CIDOC LIDO Working Group to align all EODEM units of information to LIDO, incorporating any new fields required into LIDO 1.1 as it is developed.

18. An EODEM record should use any controlled vocabularies identified for use in LIDO, i.e. they should use [LIDO Terminology](#) wherever applicable.
19. At the meeting of 27 February 2020 it was agreed that, as we wished to adopt LIDO as our data exchange format, we should use its established serialisation as XML in which to transport data.
20. In the LIDO paths, the 'LIDO' namespace is understood for all elements and attributes; any other namespaces required will be cited explicitly.
21. Cardinality is inherited. In other words: if a descendant element is marked as mandatory, it *must* be included only if all its ancestors are mandatory, too; if its ancestors are not mandatory, it must be included only if its parent element is included.

Transfer of files

EODEM data for transfer will comprise:
  1 × XML file, meeting the standard for the EODEM profile of LIDO 1.1
  0-n × image files

EODEM importers will therefore expect to find a folder containing the files listed above - nothing else.

The EODEM standard does not mandate particular methods of transport (FTP, email, DropBox, etc.) Neither does it restrict the additional processing of files either before or after transfer - e.g. assembling XML and image files into a single ZIP archive prior to transfer. However, EODEM importers must be presented with a single folder containing the files listed above.

A note about security

An EODEM file may contain sensitive information about one or more museum objects: valuations, security requirements, installation methods, etc. However, at the time of writing, this information is routinely transferred between borrowers and lenders in relatively insecure formats, i.e. as unencrypted email messages or in unencrypted files attached to email messages. Therefore, emailing EODEM data is no more or less secure than current common practice.

If lenders are concerned about the security of their data, we suggest that they wrap the EODEM files in a password-protected ZIP archive before transfer, and send the password to the borrower using a different channel from the one used to send the data. However, users

should note that EODEM importers will not expect to deal with a ZIP archive - the files must be unpacked before running the importer (as per 'Transfer of files' above).

Units of information

Root path

All units of information are descendants of lidoWrap > lido

Count:
- lidoWrap: 1
- lido: 1-n (only 1 per object)

LIDO Record ID

Count: 1
Content: character data: string
Scope: A unique identification of the LIDO record preferably composed of an identifier for the contributor and a record identification in the contributor's (local) system..
LIDO path : lidoRecID [element content: character data] @type [attribute content: LIDO Terminology URL]
Controlled terminology:
- For lidoRecID @type, any numeric URI from LIDO Terminology: identifier@type
- Otherwise, none

Examples (element): LDRHM:object-12345
Examples (attribute): http://terminology.lido-schema.org/lido00100
Divergence from LIDO: Count (LIDO: 1-n); controlled terminology in lidoRecID @type (LIDO: various values allowed)

URI

Count: 0-1
Content: character data: string
Scope: Any 'cool' (persistent and dereferenceable) URI assigned to the item.
LIDO path: objectPublishedID *with* @type="http://terminology.lido-schema.org/lido00099"[1] [element content: URL]
Controlled terminology:
- For objectPublishedID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
- Otherwise, none

Examples (element): https://egmuseum.org/object/1234

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[1] LIDO numeric URI for LIDO Terminology term 'URI'.

LIDO Application Profile

Count: 1
Content: character data: string
Scope: The LIDO profile to which this record adheres; by definition, this must be a
              version of the EODEM profile.
LIDO path: applicationProfile [element content: "EODEM version 1"]
Controlled   Only one value is permitted: EODEM version 1[2]
terminology:
Examples   EODEM version 1
(element):
Divergence   Count (LIDO: 0-1); controlled terminology (LIDO: various values allowed)
from LIDO:

Object Type Group

Count: ● descriptiveMetadata: 1
                    ● objectClassificationWrap: 1
                    ● objectWorkTypeWrap: 1
                    ● objectWorkType: 1-n
LIDO path: descriptiveMetadata > objectClassificationWrap > objectWorkTypeWrap >
              objectWorkType
Divergence   none
from LIDO:

Object Type Identifier

Count: 0-n
Content: character data: string
Scope: An identifier in a controlled terminology for the narrowest meaningful
              attribution of type that can be appropriately applied to the whole of the
              item.
LIDO path: Path as under Object Type Group > conceptID [element content:
              character data] @type [attribute content: LIDO Terminology URL]
              optional:@pref [attribute content: LIDO terminology URL][3]
Controlled   ● For conceptID @type, any numeric URI from LIDO Terminology:
terminology: identifier@type
              ● For conceptID @pref, any numeric URI from LIDO Terminology: pref
              ● Otherwise, none
Examples   http://vocab.getty.edu/aat/300033618
(element):

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[2] Content likely to be replaced by LIDO terminology URL.
[3] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters
should bear this in mind when exporting identifiers.

Examples (attribute):	http://terminology.lido-schema.org/lido00099
Divergence from LIDO:	Controlled terminology in conceptID @type and @pref (LIDO: various values allowed)

Object Type Keyword

Count:	1-n
Content:	character data: string
Scope:	The narrowest meaningful attribution of type that can be appropriately applied to the whole of the item.
LIDO path:	Path as under Object Type Group > term [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For term @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	chair painting model specimen sample suit of armour
Divergence from LIDO:	Count (LIDO: 0-n)

Title/Name Group

Count:	● descriptiveMetadata: 1 ● objectIdentificationWrap: 1 ● titleWrap: 1
LIDO path:	descriptiveMetadata > objectIdentificationWrap > titleWrap
Divergence from LIDO:	none

Title Type

Count:	1-n
Content:	character data: string
Scope:	The type of name or title being recorded.
LIDO path:	Path as under Title/Name Group > titleSet @type [attribute content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For titleSet @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (attribute):	scientific name supplied title lender's title former title
Divergence from LIDO:	none

Title/Name

Count:	1-n
Content:	character data: string
Scope:	The name by which the item is widely known. For works of artistic creation this may be ascribed by the creator. For natural history specimens, this is likely to be the scientific names of a genus or species name. More than one instance may be recorded where the item is widely known by multiple title/names or where the title name has been recorded in multiple languages.
LIDO path:	Path as under Title/Name Group > titleSet > appellationValue [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For appellationValue @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	Washington Crossing the Delaware Untitled The Rosetta Stone Odobenus rosmarus Napoleon's hat
Divergence from LIDO:	none

Title Language

Count:	0-n
Content:	character data: string
Scope:	The IETF language code for the language in which the Title/name is expressed.
LIDO path:	Path as under Title/Name Group > titleSet > appellationValue @xml:lang [attribute content: character data]
Controlled terminology:	IETF language code list[4]
Examples (attribute):	fr sa en-GB tlh und
Divergence from LIDO:	none

Lender Group [1: repository]

Count: 1-n

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[4] https://www.iana.org/assignments/language-subtag-registry/language-subtag-registry

Content: character data: string
Scope: The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.
LIDO path: descriptiveMetadata > objectIdentificationWrap > repositoryWrap > repositorySet @type="http://terminology.lido-schema.org/lido00475"[5] > repositoryName
Controlled   ● For repositorySet @type, only one value is permitted:
terminology: http://terminology.lido-schema.org/lido00475
             ● Otherwise, none
Examples   ● http://terminology.lido-schema.org/lido00475
(attribute):
Divergence   Controlled vocabulary in repositorySet @type (LIDO: various values allowed)
from LIDO: Count (LIDO: 0-n)

Lender Identifier [1: repository]

Count: 0-n
Content: character data: string
Scope: The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.
LIDO path: Path as under Lender Group [1: repository] > legalBodyID [element content: character data] @type [attribute content: LIDO Terminology URL]
Controlled   ● For legalBodyID @type, any numeric URI from LIDO Terminology: identifier@type
terminology:
             ● Otherwise, none
Examples   VAM
(element):   LDHRN
             GB-UkOxU
             http://vocab.getty.edu/ulan/500125190
Divergence   Controlled vocabulary in legalBodyID @type (LIDO: various values
from LIDO: allowed)

Lender Name [1: repository]

Count: 1
Content: character data: string
Scope: The name or identifier of the institution lending the item and exporting the data.
LIDO path: Path as under Lender Group [1: repository] > legalBodyName > appellationValue [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled   ● For @pref, any numeric URI from LIDO Terminology: pref
terminology: ● Otherwise, none
Examples: Victoria and Albert Museum
             Госуда́рственный Эрмита́ж (State Hermitage Museum)

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[5] LIDO numeric URI for LIDO Terminology term 'Current repository or location'.

Object Identifier

Count:	1
Content:	character data: string
Scope:	The number used by the data holder to manage the item. This will be an accession number or another primary id number.
LIDO path:	descriptiveMetadata > objectIdentificationWrap > repositoryWrap > repositorySet > workID [element content: character data] @type [attribute content: LIDO Terminology URL]
Controlled terminology:	● For identifier @type, any numeric URI from LIDO Terminology identifier@type ● Otherwise, none
Examples (element):	2018.123 ABC99-123 P123 [and many other formats]
Examples (attribute):	http://terminology.lido-schema.org/lido00100
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in workID @ type (LIDO: various values allowed)

Brief Description

Count:	● descriptiveMetadata: 1 ● objectIdentificationWrap: 1 ● objectDescriptionWrap: 0-1 ● objectDescriptionSet: 0-1 ● descriptiveNoteValue: 0-1
Content:	character data: string
Scope:	A block of text that identifies the item and ideally distinguishes it from other similar examples. Content will however vary considerably. The field is not intended as a dumping ground for favoured fields not included elsewhere in the standard, but it may be used in that way.
LIDO path:	descriptiveMetadata > objectIdentificationWrap > objectDescriptionWrap > objectDescriptionSet @type="brief description"[6] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For objectDescriptionSet @type, only one value is permitted: brief description[7] ● Otherwise, none
Examples (element):	Painting of a man in the prow of a crowded boat, looking back and pointing forwards.

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[6] To be replaced by Spectrum URI for existing unit of information 'brief description'.
[7] To be replaced by Spectrum URI for candidate unit of information 'brief description'.

A blue spoon with a long handle
25 Athenian Owls
An overstuffed taxidermy walrus.

Divergence Count objectDescriptionSet, descriptiveNoteValue (LIDO: 0-n); value of
from LIDO: descriptiveNoteValue @label (LIDO: various values allowed)

Measurement Group

Count:
- descriptiveMetadata: 1
- objectIdentificationWrap: 1
- objectMeasurementsWrap: 0-1
- objectMeasurementsSet: 0-n

LIDO path: descriptiveMetadata > objectIdentificationWrap > objectMeasurementsWrap >
objectMeasurementsSet

Divergence none
from LIDO:

Measurement Text

Count: 0-n; but if a measurement is given, then either Measurement Text or
Dimension Aspect Group or both must be included
Content: character data: string
Scope: The object's dimensions, expressed as an undifferentiated string. Ideally,
more structured data will be supplied in Measurement Group; this field
allows for unstructured data, which will not be parsed by consuming
systems.
LIDO path: Path as under Measurement Group > displayObjectMeasurements
[element content: character data]

Controlled none
terminology:
Examples 12.3 x 17.0 x 28.7 cm
(element):
Divergence Count (LIDO: 0-n)
from LIDO:

Dimension Aspect Group

Count: 0-1; but if a measurement is given, then either Measurement Text or
Dimension Aspect Group or both must be included
Scope: The object's dimensions, expressed as a series of structured fields,
which can be parsed by consuming systems.
LIDO path: Path as under Measurement Group > objectMeasurements
Divergence none
from LIDO:

Dimension Group

Count: 1-n

Scope: One dimension, expressed as a type ('height', etc.), unit, and value. The measurements of a particular aspect of the object are recorded within an Aspect Group; each Aspect Group will include multiple Dimension Groups (e.g. one each for height, width and depth).

LIDO path: Path as under Dimension Aspect Group > measurementsSet

Divergence from LIDO: none

Dimension

Count:	1
Content:	character data: string
Scope:	The dimension measured for which the measurement applies. This should not include the part/s measured. Dimension is a highly subjective attribute, and without some indication of the orientation of the item when measured, often useless, but is a commonplace in item measurements and has just about sufficient utility to warrant inclusion.
LIDO path:	Path as under Dimension Group > measurementType [element content: character data]
Controlled terminology:	none
Examples (element):	height depth diameter duration
Divergence from LIDO:	Count (LIDO: 1-n); note deprecation warning

Unit

Count:	1
Content:	character data: string
Scope:	The unit the measurement is counted in.
LIDO path:	Path as under Dimension Group > measurementUnit [element content: character data]
Controlled terminology:	Wherever possible, use the accepted SI abbreviation
Examples (element):	cm inches in " s items
Divergence from LIDO:	Count (LIDO: 1-n); note deprecation warning

Measurement

Count:	1
Content:	character data: floating point
Scope:	The extent of the dimension.
LIDO path:	Path as under Dimension Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	5 1000 9.95
Divergence from LIDO:	none

Dimension Aspect

Count:	0-n
Content:	character data: string
Scope:	The aspect of the object being measured.
LIDO path:	Path as under Dimension Aspect Group > extentMeasurements [element content: character data]
Controlled terminology:	none
Examples (element):	overall handle frame sight size sleeve count
Divergence from LIDO:	None; but note deprecation warning

Dimension Qualifier

Count:	0-n
Content:	character data: string
Scope:	Text qualifying the dimension aspect group, e.g. accuracy, description of part measured etc.
LIDO path:	Path as under Dimension Aspect Group > qualifierMeasurements [element content: character data]
Controlled terminology:	none
Examples (element):	accurate to nearest cm ± 2 cm with handle extended
Divergence from LIDO:	None; but note deprecation warning

Material Group

Count:
- descriptiveMetadata: 1
- objectIdentificationWrap: 1
- objectMaterialsTechWrap: 0-1
- objectMaterialsTechSet: 0-n

LIDO path: descriptiveMetadata > objectIdentificationWrap > objectMaterialsTechWrap > objectMaterialsTechSet

Divergence from LIDO: none

Material Description

Count: 0-n; but if a material is given, then either Material Description or Material Keyword or both must be included

Content: character data: string

Scope: A description of the different materials that the object is made of. A simple list of individual materials or phrases should be entered in multiple occurrences of the Material Description field. No effort need be made to describe the extent of the material in the item.

LIDO path: Path as under Material Group > displayMaterialsTech

Controlled terminology: none

Examples:
oil on canvas
etching and aquatint
cast bronze
salt glaze on an earthenware body

Divergence from LIDO: Count (LIDO: 0-n)

Material Identifier

Count:
- materialsTech: 0-n
- termMaterialsTech: 0-n
- conceptID: 0-n

Content: character data: string

Scope: An identifier in a controlled vocabulary for an individual term describing a material the object is made of.

LIDO path: Path as under Material Group > materialsTech > termMaterialsTech > conceptID [element content: character data] @type [attribute content: LIDO Terminology URL] optional:@pref [attribute content: LIDO terminology URL][8]

Controlled terminology:
- For conceptID @type, any numeric URI from LIDO Terminology: identifier@type

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[8] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters should bear this in mind when exporting identifiers.

- For conceptID @pref, any numeric URI from LIDO Terminology: pref
- Otherwise, none

Examples (element):	http://vocab.getty.edu/aat/300140803
Examples (attribute):	http://terminology.lido-schema.org/lido00099
Divergence from LIDO:	Controlled terminology in conceptID @type and @pref (LIDO: various values allowed)

Material Keyword

Count:	● materialsTech: 0-n ● termMaterialsTech: 0-n ● term: 0-n; but if a material is given, then either Material Description or Material Keyword or both must be included
Content:	character data: string
Scope:	Individual terms describing the materials the object is made of. A more narrative description combining multiple terms should be placed in Material Description.
LIDO path:	Path as under Material Group > materialsTech > termMaterialsTech > term [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For term @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	jade cotton canvas paint animal remains
Divergence from LIDO:	Count (LIDO: 0-n)

Maker Group

Count:	● descriptiveMetadata: 1 ● eventWrap: 0:1 ● eventSet: 0:n ● event: 0:1 ● eventActor: 0:n ● eventType: 1 ● conceptID: 1 ● term: 1 ● actorInRole: 0-1
Content:	character data: string

Scope: The agent/s responsible for the creation of the item. May be individuals, institutions or organisations including cultures. May not include machines, processes or events.

LIDO path:
1. descriptiveMetadata > eventWrap > eventSet > event > eventActor > actorInRole
2. *Child of eventType sibling to eventActor:* descriptiveMetadata > eventWrap > eventSet > event > eventType > conceptID = "http://terminology.lido-schema.org/lido00028"[9] @type="http://terminology.lido-schema.org/lido00099"[10] optional:@pref [attribute content: LIDO terminology URL][11]
3. *Child of eventType sibling to eventActor:* descriptiveMetadata > eventWrap > eventSet > event > eventType > term = "Beginning of existence"[12] optional:@pref [attribute content: LIDO terminology URL][13]

Controlled terminology:
- For conceptID, http://terminology.lido-schema.org/lido00028 (or some narrower numeric URI drawn from below 'Beginning of existence' in LIDO Terminology: eventType)
- For conceptID @pref, any numeric URI from LIDO Terminology: pref
- For term, Beginning of existence (or some narrower term drawn from below 'Beginning of existence' in LIDO Terminology: eventType
- For term @pref, any numeric URI from LIDO Terminology: pref

Divergence from LIDO: Count conceptID, term (LIDO: 0-n); controlled terminology in eventType > conceptID (including @type and @pref) and eventType > term (LIDO: various values allowed)

Maker Type

Count: 0-1

Content: character data: string

Scope: The type of maker being described: person, organisation, etc. For a culture or a state, use the value for 'group of persons'

LIDO path: Path as under Maker Group (1) > actor @type [attribute content: LIDO Terminology URL]

Controlled terminology: For actor @type, any numeric URI from LIDO Terminology: actor@type

Examples (attribute): http://terminology.lido-schema.org/lido00413

Divergence from LIDO: Controlled terminology in actor @type (LIDO: various values allowed)

Maker Identification Group

Count: 1

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[9] LIDO numeric URI for LIDO Terminology term 'beginning of existence' in LIDO Terminology: eventType; a narrower term form this hierarchy may be used instead.
[10] LIDO numeric ID for term 'URI'.
[11] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[12] Or some narrower term drawn from below 'beginning of existence' in LIDO Terminology: eventType.
[13] @pref will be ignored by importers, because only one term is permissible here in EODEM.

Scope: Information to help identify the actor in question.
LIDO path: Path as under Maker Group (1) > actor
Divergence none
from LIDO:

Maker Identifier

Count:	0-n
Content:	character data: string
Scope:	An identifier in a controlled terminology for the maker being described.
LIDO path:	Path as under Maker Identification Group > actorID [element content: character data] @type [attribute content: LIDO Terminology URL optional:@pref [attribute content: LIDO terminology URL][14]
Controlled terminology:	- For actorID @type, any numeric URI from LIDO Terminology: identifier@type - For actorID @pref, any numeric URI from LIDO Terminology: pref - Otherwise, none
Examples (element):	http://vocab.getty.edu/ulan/500031075
Examples (attribute):	http://terminology.lido-schema.org/lido00099
Divergence from LIDO:	Controlled terminology in actorID @type (LIDO: various values allowed)

Maker Display Name

Count:	- nameActorSet: 1-n - appellationValue: 1-n; if a Maker Identification Group is given, then either Maker Display Name or Maker Sort Name or both must be included
Content:	character data: string
Scope:	The name of the maker being described, in a form suitable for display (i.e. in normal order).
LIDO path:	Path as under Maker Identification Group > nameActorSet > appellationValue *with* @label="display name" [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	- For appellationValue @label, only one value is permitted: "display name" - For appellationValue @pref, any numeric URI from LIDO Terminology: pref - Otherwise, none

---

[14] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters should bear this in mind when exporting identifiers.

Examples (element):	Eugène Delacroix John Smith BBC Inuit
Divergence from LIDO:	Count appellationValue (LIDO: 1-n); controlled terminology in appellationValue @label (LIDO: various values allowed)

Maker Sort Name

Count:	● nameActorSet: 1-n ● appellationValue: 1-n; if a Maker Identification Group is given, then either Maker Display Name or Maker Sort Name or both must be included
Content:	character data: string
Scope:	The name of the maker being described, in a form suitable for sorting (i.e. with family name first, and so (often) in transposed order).
LIDO path:	Path as under Maker Identification Group > nameActorSet > appellationValue *with* @label="sort name" [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For appellationValue @label, only one value is permitted: sort name ● For appellationValue @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	Delacroix, Eugène Smith, John BBC Inuit
Divergence from LIDO:	Count appellationValue (LIDO: 1-n); controlled terminology in appellationValue @label (LIDO: various values allowed)

Maker Earliest Date

Count:	● vitalDatesActor: 0-1 ● earliestDate: 0-1
Content:	character data: string
Scope:	The earliest recorded date for the maker being described, often their date of birth.
LIDO path:	Path as under Maker Identification Group > vitalDatesActor > earliestDate [element content: character data]
Controlled terminology:	It is recommended that dates be formatted according to ISO 8601[15]
Examples (element):	1445

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[15] For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

Maker Latest Date

Count:	● vitalDatesActor: 0-1
	● latestDate: 0-1
Content:	character data: string
Scope:	The latest recorded date for the maker being described, often their date of death.
LIDO path:	Path as under Maker Identification Group > vitalDatesActor > latestDate [element content: character data]
Controlled terminology:	It is recommended that dates be formatted according to ISO 8601[16]
Examples (element):	1510
Divergence from LIDO:	none

Maker Role Identifier

Count:	● roleActor: 0-n
	● conceptID: 0-n
Content:	character data: string
Scope:	An identifier in a controlled terminology for the role taken by the maker being described, with regard to the object in question.
LIDO path:	Path as under Maker Group (1) > roleActor > conceptID [element content: character data] @type [attribute content: LIDO Terminology URL] optional:@pref [attribute content: LIDO terminology URL][17]
Controlled terminology:	● For conceptID @type, any numeric URI from LIDO Terminology: identifier@type
	● For conceptID @pref, any numeric URI from LIDO Terminology: pref
	● Otherwise, use of a controlled vocabulary is recommended but not mandated
Examples (element):	http://vocab.getty.edu/aat/300025103 http://vocab.getty.edu/aat/300025643
Examples (attribute):	http://terminology.lido-schema.org/lido00099
Divergence from LIDO:	Controlled terminology in roleActor > conceptID @type

Maker Role Keyword

Count:	roleActor: 0-n
	term: 1-n
Content:	character data: string

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[16] For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.
[17] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters should bear this in mind when exporting identifiers.

Scope:	The role taken by the maker being described, with regard to the object in question. Note that this will depend upon the kind of event specified in event @ type; the term will be as delivered by the source system, but restricted to maker-type roles only.
LIDO path:	Path as under Maker Group (1) > roleActor > term [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For term @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, use of a controlled vocabulary is recommended but not mandated
Examples (element):	artist engraver preparator
Divergence from LIDO:	Count term (LIDO: 0-n)

Attribution Qualifier

Count:	0-n
Content:	character data: string
Scope:	Any text which qualifies the named maker's degree of involvement with the creation of the object in question. (This information is often considered crucial for describing fine art objects.)
LIDO path:	Path as under Maker Group (1) > attributionQualifierActor [element content: character data]
Controlled terminology:	None
Examples (element):	possibly by attributed to and workshop
Divergence from LIDO:	Note controlled terminology deprecation warning

Date Group

Count:	0-n
LIDO path:	descriptiveMetadata > eventWrap > eventSet > event
Controlled terminology:	none
Divergence from LIDO:	None

Date Type Identifier

Count:	● eventType: 1 ● conceptID: 0-n
Content:	character data: string

Scope:	An identifier in a controlled terminology for the type of event associated with the Date. Often this will be the creation event for the item but may be almost anything else.
LIDO path:	Path as under Date Group > eventType > conceptID [element content: character data] @type [attribute content: LIDO Terminology URL] optional:@pref [attribute content: LIDO terminology URL][18]
Controlled terminology:	- For conceptID, any numeric URI from LIDO Terminology: eventType where possible (terminology still under development) - For @type, any numeric URI from LIDO Terminology identifier@type - For @pref, any numeric URI from LIDO Terminology: pref - Otherwise, none
Examples (element):	http://terminology.lido-schema.org/lido00012
Divergence from LIDO:	Controlled terminology in conceptID @term (LIDO: various values allowed)

Date Type Keyword

Count:	- eventType: 1 - term: 1-n
Content:	character data: string
Scope:	The type of event associated with the Date. Often this will be the creation event for the item but may be almost anything else.
LIDO path:	Path as under Date Group > eventType > term [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	- For term, any term from LIDO Terminology: eventType where possible (terminology still under development) - For term @pref, any numeric URI from LIDO Terminology: pref - Otherwise, none
Examples (element):	made collected formed used stuffed
Divergence from LIDO:	Count term (LIDO: 0-n)

Display Date

Count:	- eventDate: 0-1 - displayDate: 0-n; but if a date is given, then either Display Date or Date or both must be included
Content:	character data: string

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[18] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters should bear this in mind when exporting identifiers.

Scope:	A date expressed in words or numbers (but not including periods, for which see below).
LIDO path:	Path as under Date Group > eventDate > displayDate [element content: character data]
Controlled terminology:	none
Examples (element):	3rd October 2018 1965 1950 18thC before 1758 580BCE circa mid 6th to early 7th century
Divergence from LIDO:	Count displayDate (LIDO: 0-n)

Date

Count:	● eventDate: 0-1 ● date: 0-1; but if a date is given, then either Display Date or Date or both must be included ● earliestDate: 0-1 ● latestDate: 0-1
Content:	character data: string
Scope:	A date expressed in numbers only, as a combination of an earliest possible and latest possible date.
LIDO path:	● Path as under Date Group > eventDate > date > earliestDate [element content: character data] ● Path as under Date Group > eventDate > date > latestDate [element content: character data]
Controlled terminology:	Use the proleptic Gregorian calendar; dates must be formatted in accordance with ISO 8601[19]
Examples (element):	2018-10-03 1965 -579
Divergence from LIDO:	Count date (LIDO: 0-n); restricted format in earliestDate and latestDate (LIDO: various formats allowed)

Period Identifier

Count:	● periodName: 0-n ● conceptID: 0-n
Content:	character data: string
Scope:	An identifier in a controlled terminology for the date expressed using the name of a period.

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[19] For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

LIDO path:	Path as under Date Group > periodName > conceptID [element content: character data] @type [attribute content: LIDO Terminology URL] optional:@pref [attribute content: LIDO terminology URL][20]
Controlled terminology:	● For conceptID @type, any numeric URI from LIDO Terminology: identifier@type ● For conceptID @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	http://vocab.getty.edu/aat/300021036
Examples (attribute):	http://terminology.lido-schema.org/lido00099
Divergence from LIDO:	Controlled terminology in conceptID @type and @pref (LIDO: various values allowed)

Period Keyword

Count:	● periodName: 0-n ● term: 1-n
Content:	character data: string
Scope:	A date expressed using the name of a period.
LIDO path:	Path as under Date Group > periodName > term [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For term @pref, any numeric URI from LIDO Terminology: pref ● Otherwise, none
Examples (element):	Elizabethan Protozoan
Divergence from LIDO:	Count term (LIDO: 0-n)

Requirements Path Summary 1

Note that all units of information from Insurance/Indemnity to Condition Of Object are descendants of a single LIDO path: descriptiveMetadata > eventWrap > eventSet > event (note that they require a different event element from Requirements Path Summary 2 and Requirements Path Summary 3).

The relevant event element must also contain the following two sets of descendants:
- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > conceptID = "http://terminology.lido-schema.org/lido00795"[21] @type=

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[20] @pref will be ignored by importers, because EODEM assumes that all IDs are equivalent; exporters should bear this in mind when exporting identifiers.

[21] Numeric URI for LIDO Terminology term 'loan assessment'.

http://terminology.lido-schema.org/lido00099"[22] optional:@pref [attribute content: LIDO terminology URL][23]

- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > term = "loan assessment" optional:@pref [attribute content: LIDO terminology URL][24]

Count:	● descriptiveMetadata: 1
	● eventWrap: 0-1
	● eventSet: 0-n
	● event: 0-1
	● eventType: 1
	● conceptID: 1
	● term: 1
Controlled terminology:	● For conceptID, only one value is permitted: http://terminology.lido-schema.org/lido00795
	● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	● For conceptID @pref, any numeric URI from LIDO terminology: pref
	● For term, only one value is permitted: loan assessment
	● For term @pref, any numeric URI from LIDO terminology: pref
Divergence from LIDO:	Count conceptID, term (LIDO: 0-n); controlled vocabulary (LIDO: various values allowed)

Value Group

Count:	0-n
LIDO path:	Path as under Requirements Path Summary 1 > eventObjectMeasurements @type="http://terminology.lido-schema.org/lido00927"[25] @measurementsGroup="http://vocab.getty.edu/aat/300435426"[26] > objectMeasurements > measurementsSet
Controlled terminology:	● For eventObjectMeasurements @type, only one value is permitted: http://terminology.lido-schema.org/lido00927
	● For eventObjectMeasurements @measurementsGroup, only one value is permitted: http://vocab.getty.edu/aat/300435426
Divergence from LIDO:	Controlled terminology in eventObjectMeasurements @type, @measurementsSet (LIDO: various values allowed)

Value Currency

Count:	0-n; but for each Value, there must be a corresponding Value Currency
Content:	character data: string

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[22] Numeric URI for LIDO Terminology term 'URI'.
[23] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[24] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[25] Numeric URI for LIDO Terminology term 'object property'
[26] URI for established AAT term 'valuation note'.

Scope:	The ISO 4217 alphabetic code for the currency in which the valuation was made.
LIDO path:	● Path as under Value Group > measurementUnit [element content: character data] ● *sibling to measurementUnit:* measurementType > conceptID = "http://vocab.getty.edu/aat/300412096"[27] @type= "http://terminology.lido-schema.org/lido00099"[28] optional:@pref [attribute content: LIDO terminology URL][29] ● *sibling to measurementUnit:* measurementType > term = "valuation"
Controlled terminology:	● For measurementUnit, only alphabetic codes from ISO 4217[30] are permitted ● For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300412096 ● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 ● For conceptID @pref, any numeric URI from LIDO terminology: pref ● For term, only one value is permitted: valuation
Examples (element):	GBP USD EUR
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in measurementUnit, conceptID (including @type, @pref), term (LIDO: various values allowed)

Value

Count:	0-n; but for each Value, there must be a corresponding Value Currency
Content:	character data: floating point
Scope:	The value ascribed by the lending institution for the purpose of insurance or indemnity
LIDO path:	● Path as under Value Group > measurementValue [element content: character data] ● *sibling to measurementValue:* measurementType > conceptID = "http://vocab.getty.edu/aat/300412096"[31] @type= "http://terminology.lido-schema.org/lido00099"[32] optional:@pref [attribute content: LIDO terminology URL][33] ● *sibling to measurementValue:* measurementType > term = "valuation"

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[27] URI for established AAT term 'valuation'.
[28] Numeric URI for LIDO Terminology term 'URI'.
[29] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[30] For an introduction, see https://en.wikipedia.org/wiki/ISO_4217.
[31] URI for established AAT term 'valuation'.
[32] Numeric URI for LIDO Terminology term 'URI'.
[33] @pref will be ignored by importers, because only one term is permissible here in EODEM.

Controlled terminology:	● For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300412096
	● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	● For conceptID @pref, any numeric URI from LIDO terminology: pref
	● For term, only one value is permitted: valuation
Examples (element):	100.00
	10000
	2600000
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in conceptID (including @type, @pref), term (LIDO: various values allowed)

Insurance/Indemnity

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any insurance or indemnity required. Not any that is in place.
LIDO path:	Path as under Requirements Path Summary 1 (1) > eventDescriptionSet @type="insurance or indemnity requirements"[34] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: insurance or indemnity requirements[35]
	● Otherwise, none
Examples (element):	National agreement
	GIS
	full cover required
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Condition Of Object

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	A basic condition assessment by the lending institution, not a condition report. Often this is recorded on a 1 to 4 scale or in words. If recorded on a scale, it would be a kindness to the borrower if the data included an explanation of what the number in question actually means.

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[34] To be replaced by Spectrum URI for candidate unit of information 'insurance or indemnity requirements'.

[35] To be replaced by Spectrum URI for candidate unit of information 'insurance or indemnity requirements'.

LIDO path:	Path as under <u>Requirements Path Summary 1 (1</u>) > eventDescriptionSet @type="condition note"[36] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: condition note [37] ● Otherwise, none
Examples (element):	2 good 2: fair ok to loan
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Requirements Path Summary 2

Note that all units of information from <u>Handling</u> to <u>Hazards</u> are descendants of a single LIDO path: descriptiveMetadata > eventWrap > eventSet > event (note that they require a different event element from <u>Requirements Path Summary 1</u> and <u>Requirements Path Summary 3</u>).

The relevant event element must also contain the following two sets of descendants:
- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > conceptID = "http://terminology.lido-schema.org/lido00793"[38] @type= "http://terminology.lido-schema.org/lido00099"[39] optional:@pref [attribute content: LIDO terminology URL][40]
- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > term = "move of object (object requirements assessment)" optional:@pref [attribute content: LIDO terminology URL][41]

Count:	● descriptiveMetadata: 1 ● eventWrap: 0-1 ● eventSet: 0-n ● event: 0-1 ● eventType: 1 ● conceptID: 1 ● term: 1
Controlled terminology:	● For conceptID, only one value is permitted: http://terminology.lido-schema.org/lido00793 ● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 ● For conceptID @pref, any numeric URI from <u>LIDO terminology: pref</u>

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[36] To be replaced by Spectrum URI for existing unit of information 'condition note'.

[37] To be replaced by Spectrum URI for existing unit of information 'condition note'.

[38] Numeric URI for LIDO Terminology term 'move of object (object requirements assessment)'.

[39] Numeric URI for LIDO Terminology term 'URI'.

[40] @pref will be ignored by importers, because only one term is permissible here in EODEM.

[41] @pref will be ignored by importers, because only one term is permissible here in EODEM.

Divergence Count conceptID, term (LIDO: 0-n)
from LIDO:

Handling

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the handling of the item.
LIDO path:	Path as under Requirements Path Summary 2 (1) > eventDescriptionSet @type="handling recommendations"[42] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: handling recommendations[43]
	● Otherwise, none
Examples (element):	gloves
	no cotton gloves
	heavy lifting equipment required
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Transport

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the transportation of the item, including its security whilst in transit.
LIDO path:	Path as under Requirements Path Summary 2 (1) > eventDescriptionSet @type="shipping note"[44] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: shipping note [45]
	● Otherwise, none
Examples (element):	use only crate supplied
	cushioned transport required
	must be accompanied at all times
	not to travel in aircraft hold
	air-ride van must be used

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[42] To be replaced by Spectrum URI for existing unit of information 'handling recommendations'.
[43] To be replaced by Spectrum URI for existing unit of information 'handling recommendations'.
[44] To be replaced by Spectrum URI for existing unit of information 'shipping note'.
[45] To be replaced by Spectrum URI for existing unit of information 'shipping note'.

Condition Checking

Count:	● eventDescriptionSet: 0-n ● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the condition-checking of the item.
LIDO path:	Path as under Requirements Path Summary 2 (1) > eventDescriptionSet @type="condition checking requirements"[46] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: condition checking requirements[47] ● Otherwise, none
Examples (element):	must be condition-checked by an accredited conservator upon unpacking and re-packing
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Hazards

Count:	● eventDescriptionSet: 0-n ● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any hazards posed by the item to persons. Not any hazard to the item. May also include mitigating actions.[48]
LIDO path:	Path as under Requirements Path Summary 2 (1) > eventDescriptionSet @type="hazards note"[49] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For eventDescriptionSet @type, only one value is permitted: hazards note[50] ● Otherwise, none
Examples (element):	poisonous radioactive sharp edges – heavy gloves to be worn when handling
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Requirements Path Summary 3

Note that all units of information from Temperature Requirements Group to Photography And Filming are descendants of a single LIDO path: descriptiveMetadata > eventWrap >

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[46] To be replaced by Spectrum URI for candidate unit of information 'condition checking requirements'.
[47] To be replaced by Spectrum URI for candidate unit of information 'condition checking requirements'.
[48] Data is relevant to both a 'display' and a 'move of object' event, but EODEM only maps it to 'move of object'.
[49] To be replaced by Spectrum URI for existing unit of information 'hazards note'.
[50] To be replaced by Spectrum URI for existing unit of information 'hazards note'.

eventSet > event (note that they require a different event element from Requirements Path Summary 1 and Requirements Path Summary 2).

The relevant event element must also contain the following two sets of descendants:
- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > conceptID = "http://terminology.lido-schema.org/lido00794"[51] @type="http://terminology.lido-schema.org/lido00099"[52] optional:@pref [attribute content: LIDO terminology URL][53]
- *Child of eventType sibling to eventDescriptionSet:* descriptiveMetadata > eventWrap > eventSet > event > eventType > term = "display (object requirements assessment)" optional:@pref [attribute content: LIDO terminology URL][54]

Count:	• descriptiveMetadata: 1
	• eventWrap: 0-1
	• eventSet: 0-n
	• event: 0-1
	• eventType: 1
	• conceptID: 1
	• term: 1
Controlled terminology:	• For conceptID, only one value is permitted: http://terminology.lido-schema.org/lido00794
	• For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	• For conceptID @pref, any numeric URI from LIDO terminology: pref
	• For term, only one value is permitted: display (object requirements assessment)
	• For term @pref, any numeric URI from LIDO terminology: pref
Divergence from LIDO:	Count conceptID, term (LIDO: 0-n)

Temperature Requirements Group

Count:	0-n
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventObjectMeasurements *with* @type="http://terminology.lido-schema.org/lido00923"[55] *and* @measurementsGroup="http://vocab.getty.edu/aat/300056066"[56]
Controlled terminology:	• For @type, only one value is permitted: http://terminology.lido-schema.org/lido00923
	• For @measurementsGroup, only one value is permitted: http://vocab.getty.edu/aat/300056066

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[51] Numeric URI for LIDO Terminology term 'display (object requirements assessment)'.
[52] Numeric URI for LIDO Terminology term 'URI'.
[53] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[54] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[55] Numeric URI for LIDO Terminology term 'Object requirement'.
[56] URI for established AAT term 'temperature'.

Divergence from LIDO:	Controlled terminology in eventObjectMeasurements @type and @measurementGroup

Temperature Requirements Text

Count:	0-1; but if temperature requirements are given, then either Temperature Requirements Text or Temperature Requirements Measurement Group or both must be included
Content:	character data: string
Scope:	The air temperature, usually a range, the item should be stored and displayed in. If two different variation values are required, for example, over 24 hours or over the period of the loan, then these should be included in two different objectMeasurementsSet blocks.
LIDO path:	Path as under Temperature Requirements Group > displayObjectMeasurements [element content: character data]
Controlled terminology:	none
Examples (element):	18°C-22°C
Divergence from LIDO:	Count (LIDO: 0-n)

Temperature Requirements Measurements Group

Count:	0-1; but if temperature requirements are given, then either Temperature Requirements Text or Temperature Requirements Measurement Group or both must be included
LIDO path:	Path as under Temperature Requirements Group > objectMeasurements
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Minimum Temperature Group

Count:	0-1
Scope:	The minimum target temperature (in °C); if a single target rather than a range is required, enter the same value in the Minimum and Maximum groups.
LIDO path:	Path as under Temperature Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Minimum Temperature Measurement Type

Count:	1

Content:	character data: string
Scope:	The type of measurement being recorded: minimum target temperature (in °C)
LIDO path:	• Path as under Target Minimum Temperature Group > measurementType > conceptID @type=http://terminology.lido-schema.org/lido00099 "[57] optional:@pref [attribute content: LIDO terminology URL][58] [element content: http://vocab.getty.edu/aat/300443984[59]]
	• Path as under Target Minimum Temperature Group > measurementType > term [element content: minimum] optional:@pref [attribute content: LIDO terminology URL][60]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443984
	• For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	• For conceptID @pref, any numeric URI from LIDO Terminology: pref
	• For term, only one value is permitted: minimum
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443984 For term: minimum
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology below measurementType; note deprecation warning

Target Minimum Temperature Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the minimum target temperature (always °C)
LIDO path:	Path as under Target Minimum Temperature Group > measurementUnit [element content: "°C"]
Controlled terminology:	Only one value is permitted: "°C"
Examples (element):	°C
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Target Minimum Temperature Value

Count:	1
Content:	character data: floating point

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[57] Numeric URI for LIDO Terminology term 'URI'.
[58] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[59] URI for AAT term 'minimum'.
[60] @pref will be ignored by importers, because only one term is permissible here in EODEM.

Scope:	The minimum target temperature (in °C)
LIDO path:	Path as under Target Minimum Temperature Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	19
Divergence from LIDO:	none

Target Maximum Temperature Group

Count:	0-1
Scope:	The maximum target temperature (in °C); if a single target rather than a range is required, enter the same value in the Minimum and Maximum groups.
LIDO path:	Path as under Temperature Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Maximum Temperature Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum target temperature (in °C).
LIDO path:	• Path as under Target Maximum Temperature Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[61] optional:@pref [attribute content: LIDO terminology URL][62] [element content: "http://vocab.getty.edu/aat/300443983"[63]] • Path as under Target Maximum Temperature Group > measurementType > term [element content: "maximum"]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443983 • For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 • For conceptID @pref, any numeric URI from LIDO Terminology: pref • For term, only one value is permitted: maximum

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[61] Numeric URI for LIDO Terminology term 'URI'.
[62] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[63] URI for AAT term 'maximum'.

Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443983
	For term: maximum
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology below measurementType; note deprecation warning

Target Maximum Temperature Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum target temperature (always °C).
LIDO path:	Path as under Target Maximum Temperature Group > measurementUnit [element content: "°C"]
Controlled terminology:	Only one value is permitted, °C
Examples (element):	°C
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Target Maximum Temperature Value

Count:	1
Content:	character data: floating point
Scope:	The maximum target temperature (in °C).
LIDO path:	Path as under Target Maximum Temperature Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	21
Divergence from LIDO:	none

Maximum Temperature Variation

Count:	0-1
Scope:	The maximum permissible variation in temperature (± °C)
LIDO path:	Path as under Temperature Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Maximum Temperature Variation Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum permissible variation in temperature (± °C)

LIDO path:	• Path as under Maximum Temperature Variation > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[64] optional:@pref [attribute content: LIDO terminology URL][65] [element content: "http://vocab.getty.edu/aat/300443559"[66]] • Path as under Maximum Temperature Variation > measurementType > term [element content: "temperature fluctuation"]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443559 • For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 • For conceptID @pref, any numeric URI from LIDO Terminology: pref • For term, only one value is permitted: temperature fluctuation
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443559 For term: temperature fluctuation
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Temperature Variation Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum permissible variation in temperature (always ± °C)
LIDO path:	Path as under Maximum Temperature Variation > measurementUnit [element content: "± °C"]
Controlled terminology:	Only one value is permitted, ± °C
Examples (element):	± °C
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Maximum Temperature Variation Value

Count:	1
Content:	character data: floating point
Scope:	The maximum permissible variation in temperature (± °C)
LIDO path:	Path as under Maximum Temperature Variation > measurementValue [element content: character data]

---

[64] Numeric URI for LIDO Terminology term 'URI'.
[65] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[66] URI for AAT term 'temperature fluctuation'.

Controlled terminology:	none
Examples (element):	2
Divergence from LIDO:	none

Minimum Temperature Variation Period

Count:	0-1
Scope:	The minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	Path as under Temperature Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Minimum Temperature Variation Period Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	● Path as under Minimum Temperature Variation Period > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[67] optional:@pref [attribute content: LIDO terminology URL][68] [element content: "http://vocab.getty.edu/aat/300443981"[69]]
	● Path as under Minimum Temperature Variation Period > measurementType > term [element content: "duration"]
Controlled terminology:	● For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443981
	● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	● For conceptID @pref, any numeric URI from LIDO Terminology: pref
	● For term, only one value is permitted: duration
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443981 For term: duration

---

[67] Numeric URI for LIDO Terminology term 'URI'.
[68] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[69] URI for AAT term 'duration'.

Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Minimum Temperature Variation Period Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the minimum period over which the maximum permissible variation may occur (always hours)
LIDO path:	Path as under Minimum Temperature Variation Period > measurementUnit [element content: "h"]
Controlled terminology:	Only one value is permitted: h
Examples (element):	h
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Minimum Temperature Variation Period Value

Count:	1
Content:	character data: floating point
Scope:	The minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	Path as under Minimum Temperature Variation Period > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	24
Divergence from LIDO:	none

Relative Humidity Requirements Group

Count:	0-n
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventObjectMeasurements *with* @type="http://terminology.lido-schema.org/lido00923"[70] *and* @measurementsGroup="http://vocab.getty.edu/aat/300192097"[71]
Controlled terminology:	● For @type, only one value is permitted: http://terminology.lido-schema.org/lido00923 ● For @measurementsGroup, only one value is permitted: http://vocab.getty.edu/aat/300192097

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[70] Numeric URI for LIDO Terminology term 'object requirement'.
[71] URI for established AAT term 'relative humidity'.

Divergence Controlled terminology in eventObjectMeasurements @type and
from LIDO: @measurementGroup, eventType > conceptID (including @type and @pref),
and eventType > term

Relative Humidity Requirements Text

Count:	0-1; but if relative humidity requirements are given, then either Relative Humidity Requirements Text or Relative Humidity Requirements Measurement Group or both must be included
Content:	character data: string
Scope:	The relative humidity, usually a range, the item should be stored and displayed in. If two different variation values are required, for example, over 24 hours or over the period of the loan, then these should be included in two different objectMeasurementsSet blocks.
LIDO path:	Path as under Relative Humidity Requirements Group > displayObjectMeasurements [element content: character data]
Controlled terminology:	none
Examples (element):	40%-65%
Divergence from LIDO:	Count (LIDO: 0-n)

Relative Humidity Requirements Measurements Group

Count:	0-1; but if relative humidity requirements are given, then either Relative Humidity Requirements Text or Relative Humidity Requirements Measurement Group or both must be included
LIDO path:	Path as under Relative Humidity Requirements Group > objectMeasurements
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Minimum Relative Humidity Group

Count:	0-1
Scope:	The minimum target relative humidity (in %); if a single target rather than a range is required, enter the same value in the Minimum and Maximum groups.
LIDO path:	Path as under Relative Humidity Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Minimum Relative Humidity Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: minimum target relative humidity (in %)
LIDO path:	● Path as under Target Minimum Relative Humidity Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[72] optional:@pref [attribute content: LIDO terminology URL][73] [element content: "http://vocab.getty.edu/aat/300443984"[74]]
	● Path as under Target Minimum Relative Humidity Group > measurementType > term [element content: "minimum"]
Controlled terminology:	● For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443984
	● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	● For conceptID @pref, any numeric URI from LIDO Terminology: pref
	● For term, only one value is permitted: minimum
Examples (element):	● For conceptID: http://vocab.getty.edu/aat/300443984
	● For term: minimum
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Target Minimum Relative Humidity Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the minimum target relative humidity (always %)
LIDO path:	Path as under Target Minimum Relative Humidity Group > measurementUnit [element content: "%"]
Controlled terminology:	Only one value is permitted: %
Examples (element):	%
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

---

[72] Numeric URI for LIDO Terminology term 'URI'.
[73] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[74] URI for AAT term 'minimum'.

Target Minimum Relative Humidity Value

Count:	1
Content:	character data: floating point
Scope:	The minimum target relative humidity (in %)
LIDO path:	Path as under Target Minimum Relative Humidity Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	40
Divergence from LIDO:	none

Target Maximum Relative Humidity Group

Count:	0-1
Scope:	The maximum target relative humidity (in %); if a single target rather than a range is required, enter the same value in the Minimum and Maximum groups.
LIDO path:	Path as under Relative Humidity Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Maximum Relative Humidity Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum target relative humidity (in %).
LIDO path:	• Path as under Target Maximum Relative Humidity Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[75] optional:@pref [attribute content: LIDO terminology URL][76] [element content: "http://vocab.getty.edu/aat/300443983"][77]
	• Path as under Target Maximum Relative Humidity Group > measurementType > term [element content: "maximum"]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443983

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[75] Numeric URI for LIDO Terminology term 'URI'.

[76] @pref will be ignored by importers, because only one term is permissible here in EODEM.

[77] URI for AAT term 'maximum'.

- For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
- For conceptID @pref, any value from LIDO Terminology: pref
- For term, only one value is permitted: maximum

Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443983 For term: maximum
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Target Maximum Relative Humidity Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum target relative humidity (always %).
LIDO path:	Path as under Target Maximum Relative Humidity Group > measurementUnit [element content: "%"]
Controlled terminology:	Only one value is permitted: %
Examples (element):	%
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Target Maximum Relative Humidity Value

Count:	1
Content:	character data: floating point
Scope:	The maximum target relative humidity (in %).
LIDO path:	Path as under Target Maximum Relative Humidity Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	65
Divergence from LIDO:	none

Maximum Relative Humidity Variation

Count:	0-1
Scope:	The maximum permissible variation in relative humidity (± %)
LIDO path:	Path as under Relative Humidity Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Maximum Relative Humidity Variation Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum permissible variation in relative humidity (± %)
LIDO path:	• Path as under Maximum Relative Humidity Variation > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[78] optional:@pref [attribute content: LIDO terminology URL][79] [element content: "http://vocab.getty.edu/aat/300443985"[80]]
	• Path as under Maximum Relative Humidity Variation > measurementType > term [element content: relative humidity fluctuation]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443985
	• For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	• For conceptID @pref, any numeric URI from LIDO Terminology: pref
	• For term, only one value is permitted: relative humidity fluctuation
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443985
	For term: relative humidity fluctuation
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Relative Humidity Variation Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum permissible variation in relative humidity (always ± %)
LIDO path:	Path as under Maximum Relative Humidity Variation > measurementUnit [element content: "± %"]
Controlled terminology:	Only one value is permitted: ± %
Examples (element):	± %
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

---

[78] Numeric URI for LIDO Terminology term 'URI'.
[79] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[80] URI for AAT term 'relative humidity fluctuation'.

Maximum Relative Humidity Variation Value

Count:	1
Content:	character data: floating point
Scope:	The maximum permissible variation in relative humidity (± %)
LIDO path:	Path as under Maximum Relative Humidity Variation > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	5
Divergence from LIDO:	none

Minimum Relative Humidity Variation Period

Count:	0-1
Scope:	The minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	Path as under Relative Humidity Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Minimum Relative Humidity Variation Period Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	• Path as under Minimum Relative Humidity Variation Period > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[81] optional:@pref [attribute content: LIDO terminology URL][82] [element content: "http://vocab.getty.edu/aat/300443981"[83]] • Path as under Minimum Relative Humidity Variation Period > measurementType > term [element content: duration]
Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443981

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[81] Numeric URI for LIDO Terminology term 'URI'.
[82] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[83] URI for AAT term 'duration'.

- For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
- For conceptID @pref, any numeric URI from LIDO Terminology: pref
- For term, only one value is permitted: duration

Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443981 For term: duration
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Minimum Relative Humidity Variation Period Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the minimum period over which the maximum permissible variation may occur (always hours)
LIDO path:	Path as under Minimum Relative Humidity Variation Period > measurementUnit [element content: "h"]
Controlled terminology:	Only one value is permitted: h
Examples (element):	h
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Minimum Relative Humidity Variation Period Value

Count:	1
Content:	character data: floating point
Scope:	The minimum period over which the maximum permissible variation may occur, in hours
LIDO path:	Path as under Minimum Relative Humidity Variation Period > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	24
Divergence from LIDO:	none

Visible Light Exposure Requirements Group

Count:	0-n

LIDO path: Path as under <u>Requirements Path Summary 3 (1)</u> > eventObjectMeasurements *with* @type="http://terminology.lido-schema.org/lido00923"[84] *and* @measurementsGroup="http://vocab.getty.edu/aat/300056024"[85]

Controlled terminology:
- For @type, only one value is permitted: http://terminology.lido-schema.org/lido00923
- For @measurementsGroup, only one value is permitted: http://vocab.getty.edu/aat/300056024

Divergence from LIDO: Count (LIDO: 0-n); controlled terminology in eventObjectMeasurements @type and @measurementGroup, eventType > conceptID (including @type and @pref), and eventType > term

Visible Light Exposure Requirements Text

Count: 0-1; but if visible light exposure requirements are given, then either Visible Light Exposure Requirements Text or Visible Light Exposure Requirements Measurement Group or both must be included

Content: character data: string

Scope: The maximum strength of visible light the item should be displayed in. It is assumed that if light levels are an issue then the object will be stored secured against light.

LIDO path: Path as under <u>Visible Light Exposure Requirements Group</u> > displayObjectMeasurements [element content: character data]

Controlled terminology: none

Examples (element): <50lux
150lux
max 30 footcandles

Divergence from LIDO: Count (LIDO: 0-n)

Visible Light Exposure Requirements Measurements Group

Count: 0-1; but if visible light exposure requirements are given, then either Visible Light Exposure Requirements Text or Visible Light Exposure Requirements Measurement Group or both must be included

LIDO path: Path as under <u>Visible Light Exposure Requirements Group</u> > objectMeasurements

Controlled terminology: none

Divergence from LIDO: Count (LIDO: 0-n)

Maximum Visible Light Exposure Group

Count: 0-1

Scope: The maximum permissible visible light exposure (in lux).

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[84] Numeric URI for LIDO Terminology term 'Object requirement'.
[85] URI for established AAT term 'light (energy)'.

LIDO path: Path as under Visible Light Exposure Requirements Measurements Group > measurementsSet

Controlled terminology: none

Divergence from LIDO: Count (LIDO: 0-n)

Maximum Visible Light Exposure Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: maximum permissible visible light exposure (in lux)

LIDO path:
- Path as under Maximum Visible Light Exposure Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[86] optional:@pref [attribute content: LIDO terminology URL][87] [element content: "http://vocab.getty.edu/aat/300266203"[88]]
- Path as under Maximum Visible Light Exposure Group > measurementType > term [element content: "illuminance"]

Controlled terminology:
- For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300266203
- For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
- For conceptID @pref, any numeric URI from LIDO Terminology: pref
- For term, only one value is permitted: illuminance

Examples (element): For conceptID: http://vocab.getty.edu/aat/300266203
For term: illuminance

Divergence from LIDO: Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Visible Light Exposure Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum permissible visible light exposure (always lux)

LIDO path: Path as under Maximum Visible Light Exposure Group > measurementUnit [element content: "lux"]

Controlled terminology: Only one value is permitted: lx

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[86] Numeric URI for LIDO Terminology term 'URI'.
[87] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[88] URI for AAT term 'illuminance'.

Examples (element):	lx
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Maximum Visible Light Exposure Value

Count:	1
Content:	character data: floating point
Scope:	The maximum permissible visible light exposure (in lux)
LIDO path:	Path as under Maximum Visible Light Exposure Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	40
Divergence from LIDO:	none

Maximum Cumulative Visible Light Exposure Group

Count:	0-1
Scope:	The maximum cumulative visible light exposure (in lux hours); this will be prorated to reflect the duration of the loan by the borrower, using the value in Maximum Cumulative Light Exposure Duration to produce a daily allowance.
LIDO path:	Path as under Visible Light Exposure Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Maximum Cumulative Visible Light Exposure Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum cumulative visible light exposure (in lux hours).
LIDO path:	• Path as under Maximum Cumulative Visible Light Exposure Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[89] optional:@pref [attribute content: LIDO terminology URL][90] [element content: "http://vocab.getty.edu/aat/300443982"[91]]

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[89] Numeric URI for LIDO Terminology term 'URI'.
[90] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[91] URI for AAT term 'exposure (functional concept)'.

	● Path as under <u>Maximum Cumulative Visible Light Exposure Group</u> > measurementType > term [element content: "exposure (functional concept)"]
Controlled terminology:	● For conceptID, only one value is permitted: <u>http://vocab.getty.edu/aat/300443982</u>
	● For conceptID @type, only one value is permitted: <u>http://terminology.lido-schema.org/lido00099</u>
	● For conceptID @pref, any numeric URI from <u>LIDO Terminology: pref</u>
	● For term, only one value is permitted: exposure (functional concept)
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443982 For term: exposure (functional concept)
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Cumulative Visible Light Exposure Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum target visible light exposure (always lux hours).
LIDO path:	Path as under <u>Maximum Cumulative Visible Light Exposure Group</u> > measurementUnit [element content:"lx · h"]
Controlled terminology:	Only one value is permitted: lx · h
Examples (element):	lx · h
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Maximum Cumulative Visible Light Exposure Value

Count:	1
Content:	character data: floating point
Scope:	The maximum cumulative visible light exposure (in lux hours).
LIDO path:	Path as under Path as under <u>Maximum Cumulative Visible Light Exposure Group</u> > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	650,000
Divergence from LIDO:	none

Maximum Cumulative Visible Light Exposure Duration Group

Count:	0-1
Scope:	The period over which the maximum cumulative visible light exposure may be accumulated (in days).
LIDO path:	Path as under Visible Light Exposure Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Maximum Cumulative Visible Light Exposure Duration Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the maximum cumulative visible light exposure duration (in days).
LIDO path:	- Path as under Maximum Cumulative Visible Light Exposure Duration Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[92] optional:@pref [attribute content: LIDO terminology URL][93] [element content: "http://vocab.getty.edu/aat/300443981"[94]] - Path as under Maximum Cumulative Visible Light Exposure Duration Group > measurementType > term [element content: "duration"]
Controlled terminology:	- For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443981 - For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 - For conceptID @pref, any numeric URI from LIDO Terminology: pref - For term, only one value is permitted: duration
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443981 For term: duration
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Cumulative Visible Light Exposure Duration Unit

Count:	1
Content:	character data: string

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[92] Numeric URI for LIDO Terminology term 'URI'.
[93] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[94] URI for AAT term 'duration'.

Scope:	The unit used for the maximum target visible light exposure duration (always days).
LIDO path:	Path as under Maximum Cumulative Visible Light Exposure Duration Group > measurementUnit [element content:"d"]
Controlled terminology:	Only one value is permitted: d
Examples (element):	d
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Maximum Cumulative Visible Light Exposure Duration Value

Count:	1
Content:	character data: floating point
Scope:	The maximum cumulative visible light exposure duration (in days).
LIDO path:	Path as under Maximum Cumulative Visible Light Exposure Duration Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	365
Divergence from LIDO:	none

Ultraviolet Light Exposure Requirements Group

Count:	0-n
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventObjectMeasurements *with* @type="http://terminology.lido-schema.org/lido00923"[95] *and* @measurementsGroup="http://vocab.getty.edu/aat/300443983"[96]
Controlled terminology:	● For @type, only one value is permitted: http://terminology.lido-schema.org/lido00923 ● For @measurementsGroup, only one value is permitted: http://vocab.getty.edu/aat/300443983
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in eventObjectMeasurements @type and @measurementGroup, eventType > conceptID (including @type and @pref), and eventType > term

---

[95] Numeric URI for LIDO Terminology term 'Object requirement'.
[96] URI for established AAT term 'ultraviolet radiation'.

Ultraviolet Light Exposure Requirements Text

Count: 0-1; but if ultraviolet light exposure requirements are given, then either Ultraviolet Light Exposure Requirements Text or Ultraviolet Light Exposure Requirements Measurement Group or both must be included

Content: character data: string

Scope: The maximum strength of ultraviolet light the item should be exposed to.

LIDO path: Path as under Ultraviolet Light Exposure Requirements Group > displayObjectMeasurements [element content: character data]

Controlled terminology: none

Examples (element): No radiation below 380 nm in wavelength
10 µW/lm below 380 nm

Divergence from LIDO: Count (LIDO: 0-n)

Ultraviolet Light Exposure Requirements Measurements Group

Count: 0-1; but if ultraviolet light exposure requirements are given, then either Ultraviolet Light Exposure Requirements Text or Ultraviolet Light Exposure Requirements Measurement Group or both must be included

LIDO path: Path as under Ultraviolet Light Exposure Requirements Group > objectMeasurements

Controlled terminology: none

Divergence from LIDO: Count (LIDO: 0-n)

Maximum Ultraviolet Light Exposure Group

Count: 0-1

Scope: The maximum permissible ultraviolet light exposure (in µW/lm).

LIDO path: Path as under Ultraviolet Light Exposure Requirements Measurements Group > measurementsSet

Controlled terminology: none

Divergence from LIDO: Count (LIDO: 0-n)

Maximum Ultraviolet Light Exposure Measurement Type

Count: 1

Content: character data: string

Scope: The type of measurement being recorded: the maximum permissible ultraviolet light exposure (in µW/lm)

LIDO path:
- Path as under Maximum Ultraviolet Light Exposure Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido0009

9"[97] optional:@pref [attribute content: LIDO terminology URL][98] [element content: "http://vocab.getty.edu/aat/300443983"[99]]
- Path as under Maximum Ultraviolet Light Exposure Group > measurementType > term [element content: maximum]

Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443983 • For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 • For conceptID @pref, any numeric URI from LIDO Terminology: pref • For term, only one value is allowed: maximum
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443983 For term: maximum
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Maximum Ultraviolet Light Exposure Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the maximum permissible ultraviolet light exposure (always µW/lm)
LIDO path:	Path as under Maximum Ultraviolet Light Exposure Group > measurementUnit [element content: "µW/lm"]
Controlled terminology:	Only one value is permitted: µW/lm
Examples (element):	µW/lm
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Maximum Ultraviolet Light Exposure Value

Count:	1
Content:	character data: floating point
Scope:	The maximum permissible ultraviolet light exposure (in µW/lm)
LIDO path:	Path as under Maximum Ultraviolet Light Exposure Group > measurementValue [element content: character data]
Controlled terminology:	none

[97] Numeric URI for LIDO Terminology term 'URI'.
[98] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[99] URI for AAT term 'maximum'.

Examples (element):	10
Divergence from LIDO:	none

Target Ultraviolet Light Exposure Group

Count:	0-1
Scope:	The target ultraviolet light exposure (in μW/lm).
LIDO path:	Path as under Ultraviolet Light Exposure Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Target Ultraviolet Light Exposure Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the target ultraviolet light exposure (in μW/lm)
LIDO path:	● Path as under Target Ultraviolet Light Exposure Group > measurementType > conceptID @type="http://terminology.lido-schema.org/lido00099"[100] optional:@pref [attribute content: LIDO terminology URL][101] [element content: "http://vocab.getty.edu/aat/300443986"[102]] ● Path as under Target Ultraviolet Light Exposure Group > measurementType > term [element content: "targets (multidisciplinary concept)"]
Controlled terminology:	● For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443986 ● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099 ● For conceptID @pref, any numeric URI from LIDO Terminology: pref ● For term, only one value is permitted: targets (multidisciplinary concept)
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443986 For term: targets (multidisciplinary concept)
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

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[100] Numeric URI for LIDO Terminology term 'URI'.
[101] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[102] URI for AAT term 'targets (multidisciplinary concept)'.

Target Ultraviolet Light Exposure Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the target ultraviolet light exposure (always µW/lm)
LIDO path:	Path as under Target Ultraviolet Light Exposure Group > measurementUnit [element content: "µW/lm"]
Controlled terminology:	Only one value is permitted: µW/lm
Examples (element):	µW/lm
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Target Ultraviolet Light Exposure Value

Count:	1
Content:	character data: floating point
Scope:	The target ultraviolet light exposure (in µW/lm)
LIDO path:	Path as under Target Ultraviolet Light Exposure Group > measurementValue [element content: character data]
Controlled terminology:	none
Examples (element):	10
Divergence from LIDO:	none

Upper Ultraviolet Light Wavelength Boundary Group

Count:	0-1
Scope:	The longest wavelength, below which the maximum permissible ultraviolet light level applies (in nm).
LIDO path:	Path as under Ultraviolet Light Exposure Requirements Measurements Group > measurementsSet
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Upper Ultraviolet Light Wavelength Boundary Measurement Type

Count:	1
Content:	character data: string
Scope:	The type of measurement being recorded: the longest wavelength, below which the maximum permissible ultraviolet light level applies (in nm)
LIDO path:	● Path as under Upper Ultraviolet Light Wavelength Boundary Group > measurementType > conceptID

@type="http://terminology.lido-schema.org/lido00099"[103] optional:@pref [attribute content: LIDO terminology URL][104] [element content: "http://vocab.getty.edu/aat/300443987"[105]]

- Path as under Upper Ultraviolet Light Wavelength Boundary Group > measurementType > term [element content: wavelength]

Controlled terminology:	• For conceptID, only one value is permitted: http://vocab.getty.edu/aat/300443987
	• For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	• For conceptID @pref, any numeric URI from LIDO Terminology: pref
	• For term, only one value is permitted: wavelength
Examples (element):	For conceptID: http://vocab.getty.edu/aat/300443987 For term: wavelength
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementType; note deprecation warning

Upper Ultraviolet Light Wavelength Boundary Unit

Count:	1
Content:	character data: string
Scope:	The unit used for the longest wavelength, below which the maximum permissible ultraviolet light level applies (always nm)
LIDO path:	Path as under Upper Ultraviolet Light Wavelength Boundary Group > measurementUnit [element content: "nm"]
Controlled terminology:	Only one value is permitted: nm
Examples (element):	nm
Divergence from LIDO:	Count (LIDO: 1-n); controlled terminology in measurementUnit; note deprecation warning

Upper Ultraviolet Light Wavelength Boundary Value

Count:	1
Content:	character data: floating point
Scope:	The longest wavelength, below which the maximum permissible ultraviolet light level applies (in nm).
LIDO path:	Path as under Upper Ultraviolet Light Wavelength Boundary Group > measurementValue [element content: character data]

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[103] Numeric URI for LIDO Terminology term 'URI'.
[104] @pref will be ignored by importers, because only one term is permissible here in EODEM.
[105] URI for AAT term 'wavelength'.

Controlled terminology:	none
Examples (element):	380
Divergence from LIDO:	none

Installation Method

Count:	● eventDescriptionSet: 0-n ● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the installation of the item.
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventDescriptionSet @type="installation note"[106] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For @type, only one value is permitted: installation note[107] ● Otherwise, none
Examples (element):	lender's attachments must be used 2 x mirror-plates and 2 x L-plates solid plinth as per agreed design
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Display Method

Count:	● eventDescriptionSet: 0-n ● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the display of the item.
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventDescriptionSet @type="display recommendations"[108] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For @type, only one value is permitted: display recommendations[109] ● Otherwise, none
Examples (element):	in a sealed conditioned case Not with ferrous metals no other items in case
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

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[106] To be replaced by Spectrum URI for candidate unit of information 'installation note'.
[107] To be replaced by Spectrum URI for candidate unit of information 'installation note'.
[108] To be replaced by Spectrum URI for existing unit of information 'display recommendations'.
[109] To be replaced by Spectrum URI for existing unit of information 'display recommendations'.

Security

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any instructions or requirements for the security of the item.
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventDescriptionSet @type="security requirements"[110] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For @type, only one value is permitted: security requirements[111]
	● Otherwise, none
Examples (element):	case keys to be kept in key press invigilated at all times
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Photography And Filming

Count:	● eventDescriptionSet: 0-n
	● descriptiveNoteValue: 0-n
Content:	character data: string
Scope:	Any restrictions or requirements relating to the photography and filming of the object whilst on loan.
LIDO path:	Path as under Requirements Path Summary 3 (1) > eventDescriptionSet @type="imaging requirements"[112] > descriptiveNoteValue [element content: character data]
Controlled terminology:	● For @type, only one value is permitted: imaging requirements[113]
	● Otherwise, none
Examples (element):	no technical photography allowed no flash photography all film and photography lighting to be included total cumulative lux exposure
Divergence from LIDO:	Controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

Credit Line

Count:	● administrativeMetadata: 1
	● rightsWorkWrap: 0-1
	● rightsWorkSet: 0-1
	● creditLine : 0-1
Content:	character data: string
Scope:	The acknowledgement which the lender requires to be published alongside the object.

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[110] To be replaced by Spectrum URI for candidate unit of information 'security requirements'.
[111] To be replaced by Spectrum URI for candidate unit of information 'security requirements.
[112] To be replaced by Spectrum URI for candidate unit of information 'imaging requirements'.
[113] To be replaced by Spectrum URI for candidate unit of information 'imaging requirements'.

LIDO path:	administrativeMetadata > rightsWorkWrap > rightsWorkSet > creditLine [element content: character data]
Controlled terminology:	none
Examples (element):	© the Henry Moore Foundation On loan from the collections of Horniman Museum & Gardens Acquisition supported by the National Lottery through the Heritage Lottery Fund
Divergence from LIDO:	Count rightsWorkSet, creditLine (LIDO: 0-n)

Local Record ID

Count:	● administrativeMetadata: 1 ● recordWrap: 1 ● recordID: 1
Content:	character data: string
Scope:	A unique identification in the contributor's (local) system.
LIDO path:	administrativeMetadata > recordWrap> recordID [element content: character data] @type [attribute content: LIDO Terminology URL]
Controlled terminology:	For @type, any numeric URI from LIDO Terminology: identifier@type Otherwise, none.
Examples (element):	object-12345
Examples (attribute):	http://terminology.lido-schema.org/lido00100
Divergence from LIDO:	Count recordID (LIDO: 1-n); controlled terminology in recordID @ type (LIDO: various values allowed)

LIDO Record Type Group

Count:	● administrativeMetadata: 1 ● recordWrap: 1 ● recordType: 1
Content:	character data: string
Scope:	Whether the record represents an individual item or a collection, series or group of works.
LIDO path:	administrativeMetadata > recordWrap > recordType
Controlled terminology:	none
Divergence from LIDO:	none

LIDO Record Type Identifier

Count:	1
Content:	character data: string
Scope:	Term establishing whether the record represents an individual item or a collection, series or group of works.

LIDO path:	Path as under LIDO Record Type Group > conceptID [element content: LIDO Terminology URL] @type [attribute content: "http://terminology.lido-schema.org/lido00099"[114]] optional:@pref [attribute content: LIDO terminology URL][115]
Controlled terminology:	● For conceptID, any numeric URI from LIDO Terminology: recordType
	● For conceptID @type, only one value is permitted: http://terminology.lido-schema.org/lido00099
	● For conceptID @pref, any numeric URI from LIDO Terminology: pref
Examples (element):	http://terminology.lido-schema.org/lido00141
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in conceptID (including @type and @pref) (LIDO: various values allowed)

LIDO Record Type Keyword

Count:	1
Content:	character data: string
Scope:	Term establishing whether the record represents an individual item or a collection, series or group of works.
LIDO path:	Path as under LIDO Record Type Group > term
Controlled terminology:	Any term from LIDO Terminology: recordType
Examples (element):	Item-level record
Divergence from LIDO:	Count (LIDO: 0-n); controlled terminology in term (LIDO: various values allowed)

Lender Group [2: record source]

Count:	● administrativeMetadata: 1
	● recordWrap: 1
	● recordSource: 1
Scope:	The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.
LIDO path:	administrativeMetadata > recordWrap > recordSource
Controlled terminology:	none
Divergence from LIDO:	Count (LIDO: 0-n)

Lender Identifier [2: record source]

Count:	0-n
Content:	character data: string

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[114] Numeric URI for LIDO Terminology term 'URI'.

[115] @pref will be ignored by importers, because only one term is permissible here in EODEM.

Scope:	The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.
LIDO path:	Path as under Lender Group [2: record source] > legalBodyID [element content: character data] @type [attribute content: LIDO Terminology URL]
Controlled terminology:	● For @type, any numeric URI from LIDO Terminology: identifier@type
	● Otherwise, none
Examples (element):	VAM
	LDHRN
	GB-UkOxU
	http://vocab.getty.edu/ulan/500125190
Divergence from LIDO:	Controlled vocabulary in legalBodyID @type (LIDO: various values allowed)

Lender Name [2: record source]

Count:	1
Content:	character data: string
Scope:	The name or identifier of the institution lending the item and exporting the data.
LIDO path:	Path as under Lender Group [2: record source] > legalBodyName > appellationValue [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● For @pref, any numeric URI from LIDO Terminology: pref
	● Otherwise, none
Examples:	Victoria and Albert Museum
	Госуда́рственный Эрмита́ж (State Hermitage Museum)
Divergence from LIDO:	Count (LIDO: 1-n)

Export Date/Timestamp

Count:	● administrativeMetadata: 1
	● recordWrap: 1
	● recordInfoSet: 1
	● recordMetadataDate: 1
Content:	character data: date/time
Scope:	A machine-generated date and time stamp in ISO 8601 format; the value must include the time zone in force when the stamp was created. Required to manage multiple, successive export and imports.
LIDO path:	administrativeMetadata > recordWrap > recordInfoSet @type=http://terminology.lido-schema.org/lido00470"[116] > recordMetadataDate @type="http://terminology.lido-schema.org/lido00472"[117] [element content: character data]

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[116] Numeric URI for LIDO Terminology term 'LIDO record'.
[117] Numeric URI for LIDO Terminology term 'created'.

Controlled terminology:	● For recordInfoSet @type, only one value is permitted: http://terminology.lido-schema.org/lido00470
	● For recordMetadataDate, value must provide a full date and time, with timezone information, compliant with ISO 8601[118]
	● For recordMetadataDate @type, only one value is permitted: http://terminology.lido-schema.org/lido00472
Examples (element):	2018-10-17T20:25:01Z 2018-10-17T20:25:01+03:00
Divergence from LIDO:	Count recordInfoSet, recordMetadataDate (LIDO: 0-n); controlled vocabulary in recordInfoSet @type and recordMetadataSet @type (LIDO: various values allowed) and restricted format in recordMetadataSet (LIDO: various formats allowed, but Schematron will warn if not a full ISO 8601 date/time with timezone)

Image Group

Count:	● administrativeMetadata: 1
	● resourceWrap: 0-1
	● resourceSet: 0-n
	● resourceRepresentation: 0-n
Scope:	Information relating to any associated images also being exchanged. The Image Group is intended to manage the transfer of identification images, not publication-quality images, and rights-related information is out of its scope. We recommend that such information, if required, be embedded in the image file metadata header.
LIDO path:	administrativeMetadata > resourceWrap > resourceSet > resourceRepresentation
Controlled terminology:	none
Divergence from LIDO:	none

Image

Count:	1
Content:	character data: string
Scope:	The file name or, preferably, the URI of any associated images also being exchanged.
LIDO path:	Path as under Image Group > linkResource [element content: character data] optional:@pref [attribute content: LIDO terminology URL]
Controlled terminology:	● The name of an individual file containing an image of the object and which accompanies the EODEM XML file, expressed without any qualifying path, or (ideally) an accessible URL pointing to an image of the object
	● For @pref, any numeric URI from LIDO Terminology: pref

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[118] For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

Examples (element):	https://museum.exchange.images/loan123/chair-reverse.tif
	IMG12345.jpg
Divergence from LIDO:	none

Image Type

Count:	0-1
Content:	character data: string
Scope:	The type of any associated images also being exchanged.
LIDO path:	Path as under Image Group > linkResource @formatResource [attribute content: character data]
Controlled terminology:	Only terms from the official IANA list are permitted[119]
Examples (attribute):	image/jpeg
Divergence from LIDO:	Controlled terminology in linkResource @formatResource (LIDO: various values are allowed)

Appendix 1: new elements / attributes in LIDO 1.1

- applicationProfile
- descriptiveMetadata > objectIdentificationWrap > objectMaterialsTechWrap
- descriptiveMetadata > eventWrap > eventSet > event > eventObjectMeasurements @type
- descriptiveMetadata > eventWrap > eventSet > event > eventObjectMeasurements @measurementsGroup

Appendix 2: terminology terms

The following terms are listed as an aide-memoire; in all cases, the term's source must be taken as authoritative.

AAT

See https://www.getty.edu/research/tools/vocabularies/aat/

In alphabetical order

- duration: http://vocab.getty.edu/aat/300443981
- exposure (functional concept): http://vocab.getty.edu/aat/300443982
- illuminance: http://vocab.getty.edu/aat/300266203
- light (energy): http://vocab.getty.edu/aat/300056024
- maximum: http://vocab.getty.edu/aat/300443983
- minimum: http://vocab.getty.edu/aat/300443984

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[119] http://www.iana.org/assignments/.

- relative humidity: http://vocab.getty.edu/aat/300192097
- relative humidity fluctuation: http://vocab.getty.edu/aat/300443985
- targets (multidisciplinary concept): http://vocab.getty.edu/aat/300443986
- temperature: http://vocab.getty.edu/aat/300056066
- temperature fluctuation: http://vocab.getty.edu/aat/300443559
- ultraviolet radiation: http://vocab.getty.edu/aat/300056056
- valuation: http://vocab.getty.edu/aat/300412096
- valuation note: http://vocab.getty.edu/aat/300435426
- wavelength: http://vocab.getty.edu/aat/300443987

In numerical order

- http://vocab.getty.edu/aat/300056024: light (energy)
- http://vocab.getty.edu/aat/300056056: ultraviolet radiation
- http://vocab.getty.edu/aat/300056066: temperature
- http://vocab.getty.edu/aat/300192097: relative humidity
- http://vocab.getty.edu/aat/300266203: illuminance
- http://vocab.getty.edu/aat/300412096: valuation
- http://vocab.getty.edu/aat/300435426: valuation note
- http://vocab.getty.edu/aat/300443559: temperature fluctuation
- http://vocab.getty.edu/aat/300443981: duration
- http://vocab.getty.edu/aat/300443982: exposure (functional concept)
- http://vocab.getty.edu/aat/300443983: maximum
- http://vocab.getty.edu/aat/300443984: minimum
- http://vocab.getty.edu/aat/300443985: relative humidity fluctuation
- http://vocab.getty.edu/aat/300443986: targets (multidisciplinary concept)
- http://vocab.getty.edu/aat/300443987: wavelength

LIDO Terminology

See http://xtree-public.digicult-verbund.de/vocnet/

In contextual order

actor@type (http://terminology.lido-schema.org/lido00162; any term)
- Group of persons (Actor type): http://terminology.lido-schema.org/lido00165
  - Family: http://terminology.lido-schema.org/lido00166
  - Organization (Actor type): http://terminology.lido-schema.org/lido00413
- Person: http://terminology.lido-schema.org/lido00163

eventType (http://terminology.lido-schema.org/lido00222; depending upon context, any term; or restricted to the following)

- Beginning of existence: http://terminology.lido-schema.org/lido00028 or any narrower term
- loan assessment: http://terminology.lido-schema.org/lido00795

- display (object requirements assessment): http://terminology.lido-schema.org/lido00794
- move of object (object requirements assessment): http://terminology.lido-schema.org/lido00793

identifier@type (http://terminology.lido-schema.org/lido00098; any term)
- IRI: http://terminology.lido-schema.org/lido00510
- Local identifier: http://terminology.lido-schema.org/lido00100
- URI: http://terminology.lido-schema.org/lido00099

objectMeasurementsSet@type (http://terminology.lido-schema.org/lido00922; any term)

- Object property: http://terminology.lido-schema.org/lido00927
- Object requirement: http://terminology.lido-schema.org/lido00923

pref (http://terminology.lido-schema.org/lido00168; any term)
- Alternative: http://terminology.lido-schema.org/lido00170
- Display flag: http://terminology.lido-schema.org/lido00526
- Hidden: http://terminology.lido-schema.org/lido00426
- Preferred: http://terminology.lido-schema.org/lido00169

recordMetadataDate@type (http://terminology.lido-schema.org/lido00219)
- created: http://terminology.lido-schema.org/lido00472

recordType (http://terminology.lido-schema.org/lido00140; any term)
- Component-level record: http://terminology.lido-schema.org/lido00447
- Group-level record: http://terminology.lido-schema.org/lido00453
- Item-level record: http://terminology.lido-schema.org/lido00141

repositorySet@type (http://terminology.lido-schema.org/lido00171)
- Current repository or location: http://terminology.lido-schema.org/lido00475

In numerical order
- http://terminology.lido-schema.org/lido00028: Beginning of existence
- http://terminology.lido-schema.org/lido00099: URI
- http://terminology.lido-schema.org/lido00100: Local identifier
- http://terminology.lido-schema.org/lido00141: Item-level record
- http://terminology.lido-schema.org/lido00163: Person
- http://terminology.lido-schema.org/lido00165: Group of persons (Actor type)
- http://terminology.lido-schema.org/lido00166: Family
- http://terminology.lido-schema.org/lido00169: Preferred
- http://terminology.lido-schema.org/lido00170: Alternative
- http://terminology.lido-schema.org/lido00413: Organization (Actor type)
- http://terminology.lido-schema.org/lido00426: Hidden
- http://terminology.lido-schema.org/lido00447: Component-level record
- http://terminology.lido-schema.org/lido00453: Group-level record

- http://terminology.lido-schema.org/lido00472: created
- http://terminology.lido-schema.org/lido00475: Current repository or location
- http://terminology.lido-schema.org/lido00510: IRI
- http://terminology.lido-schema.org/lido00526: Display flag
- http://terminology.lido-schema.org/lido00793: move of object (object requirements assessment)
- http://terminology.lido-schema.org/lido00794: display (object requirements assessment)
- http://terminology.lido-schema.org/lido00795: loan assessment
- http://terminology.lido-schema.org/lido00923: Object requirement
- http://terminology.lido-schema.org/lido00927: Object property

Spectrum

Terms used exist in Spectrum as units of information.

Existing terms

- condition note
- display recommendations
- handling recommendations
- hazards note
- shipping note

Candidate terms

- condition checking requirements
- installation note
- insurance or indemnity requirements
- imaging requirements
- security requirements

Version control

Current version: 0.06

Planned revision date: October 2021

Version	Date	Author(s)	Change	Marked	Status
0.01	25 October 2020	Rupert Shepherd	Document created from EODEM_data-description__V00_12 and EODEM_LIDO_Mapping__V01_04	No	Draft
0.02	9 November 2020	Rupert Shepherd	• List of mandatory elements updated to include LIDO requirements • Reference to image folders in General principle no. 16 corrected • General principle no. 21 (on cardinality) added	Partly	Draft

			- Requirement measurements moved from objectIdentifciationWrap to eventObjectMeasurements - Cardinality altered to insist upon a term in term / conceptID pairs, and to make elements where EODEM depends upon use of a particular controlled vocabulary mandatory - Document reordered, and nesting revised, to match order of LIDO record - Object Identifier Type merged into Object Identifier - Object Type Identifier cardinality corrected - New groups added to measurement-related units of information, and naming rationalised to reflect changed grouping - Material Group added and child units of information moved down hierarchy - Maker Identification Group added and child units of information moved down hierarchy - Value Group added and child units of information moved down hierarchy - Keywords explicitly labelled, to distinguish from Identifiers - Requirements broken down into texts, measurement groups, and individual type/unit/value groups, and child units of information moved down hierarchy accordingly - Requirement measurements moved from objectMeasurementsWrap to eventObjectMeasurements, and new eventObjectMeasurements @measurementsGroup added - New draft LIDO Terminology: eventType values added - Group names removed from their members' headings		
0.03	14 November 2020	Rupert Shepherd	Marked changes carried in and comments removed	No	Working draft
0.04	17 February 2021	Rupert Shepherd	'Mechanism' changed to 'model' silently 'Transfer of files' and 'A note about security' added 'Divergence from LIDO' added to all units of information @type added, and value specified, for all members of identifierComplexType which lacked it @pref and accompanying comments under controlled vocabulary and divergence from LIDO, and footnotes, added for titleSet, appellationValue, linkResource, term, actorID and conceptID - LIDO Application Profile scope corrected - Dimension Group / Measurement: controlled terminology corrected - Maker Identifier count changed - Maker Earliest date, Maker Latest Date: updated to recommend use of ISO 8601 standard - Date: updated to specify use of ISO 8601 standard - LIDO Record Type: split into Identifier and Keyword to match LIDO	In red	Working draft
0.05	31 May 2021	Rupert Shepherd	- Logo added and sub-titles updated - Acknowledgements added - Additional headings added to help organise XML paths: - Root path - Object Type Group - Lender Group [1: repository]	In orange	Working draft

			○ Requirements Path Summary 2 ○ Requirements Path Summary 2 ○ Requirements Path Summary 3 ○ Lender Group [2: record source] ○ Image Group - Value Group moved from eventDescriptionSet to eventObjectMeasurements - Repetitive elements of XML paths removed from all descendant units of information - Newly-established AAT and LIDO terminology terms and URIs added as required - All LIDO terminology lexical URIs replaced with numeric URIs - Planned replacement of eventDescriptionSet @type string values with URIs noted - Controlled Terminology sections reviewed, individual values added where only single values are permitted, and all URIs and references to LIDO Terminology headings converted to hyperlinks - Count and Divergence from LIDO sections reviewed and updated where necessary - Rule and Null sections removed - Data type entries updated thus: ○ 'char' changed to 'character data: string' ○ 'date/time' changed to 'character data: date/time' ○ 'float' changed to 'character data: floating point' - Count limit on individual object requirement units of information removed - All used AAT and LIDO terms added to Appendix 2		
0.06	10 August 2021	Rupert Shepherd	- Typing moved from descriptiveNoteValue @label to objectDescriptionSet @type, and eventual replacement by Spectrum unit of information URI noted, in Brief Description - Values of eventDescriptionSet @type updated, and eventual replacement by Spectrum unit of information URIs noted, in Insurance/Indemnity, Condition Of Object, Handling, Transport, Condition Checking, Hazards, Installation Method, Display Method, Security, Photography And Filming - Recommendation to use embedded image metadata for image rights information added to Image Group - Spectrum terms added to Appendix 2	In green	Working draft