



EODEM Exhibition Object Data Exchange Model

CIDOC Documentation Standards Working Group

Version 1.0

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Version history

1.0 2023-07-24

Status

live release

Summary

Assorted filenames updated to match LIDO profile naming conventions; typo corrected in Export Structure for [Loan Assessment Group](#); minor edits to front matter, addition of hyperlinks; LIDO Terminology references updated to match latest release (n.b. *all LIDO Terminology URLs used within an EODEM document are unchanged*, but some term names, which may be used in `<term>` have changed); unreleased version 0.09 changes carried through (material-related units of information extended to include techniques; unit names updated accordingly); document finalised for release. Changes from version 0.08 (public beta) are itemised below.

In detail

- EODEM document filenames updated to match established LIDO naming conventions.
- Typo corrected in Export Structure for [Loan Assessment Group](#): `'http://terminology.lido-schema.org/eventType/loan_assessment'` replaced with `'http://terminology.lido-schema.org/lido00795'` as content of `<conceptID>`.
- Typo corrected in XPaths for [Relative Humidity Requirements Text](#): `'lido:eventObjectMeasurements[@lido:type='http://terminology.lido-schema.org/lido00923'][@lido:measurementsGroup='http://vocab.getty.edu/aat/300192097']'` replaced with `'lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-schema.org/lido00794']/
lido:eventObjectMeasurements[@lido:type='http://terminology.lido-schema.org/lido00923' and @lido:measurementsGroup='http://vocab.getty.edu/aat/300192097']'`.
- Case standardised in `@xml:id` for [Lender Group \[2: record source\]](#)
- Minor edits to front matter for clarity and to bring background information up to date.
- Hyperlinks added in front matter.
- Notional workflow diagram incorporated into document.
- LIDO Terminology vocabulary names and URLs, and term names, updated to match current version (n.b. *all LIDO Terminology URLs used within an EODEM document are unchanged*).
- The following LIDO Terminology vocabulary term names, which may appear in `<term>`, have been updated to match current version:
 - <http://terminology.lido-schema.org/lido00795> from 'loan assessment' to 'Object loan assessment'
 - <http://terminology.lido-schema.org/lido00794> from 'display' to 'Object display assessment'
 - <http://terminology.lido-schema.org/lido00793> from 'move of object (object requirements assessment)' to 'Object move assessment'
 - <http://terminology.lido-schema.org/lido00927> from 'Object property' to 'Measurement object proper'
 - <http://terminology.lido-schema.org/lido00923> from 'Object requirement' to 'Measurement object requirement'
- Unreleased version 0.09 changes carried through:
 - Namespace definitions added to structure of `<lido:lidoWrap>` in [EODEM Exchange](#).

- Example and content of <lido:applicationProfile> corrected from free text to URL, to match specified value, in [LIDO_Application_Profile](#).
- Materials Group renamed [Materials/Techniques Group](#) and description updated.
- Material Description renamed [Material/Technique Description](#) and description updated.
- Material Group renamed [Material/Technique Group](#) and description updated.
- Material/Technique Type added as a separate unit of information.
- Material Identifier renamed [Material/Technique Identifier](#) and description updated.
- Material Keyword renamed [Material/Technique Keyword](#) and description updated.
- Single examples reformatted as lists in:
 - [LIDO Record ID](#)
 - [URI](#)
 - [Object Type Identifier](#)
 - [Production Period Keyword](#)
 - [LIDO Record Type Identifier](#)
 - [LIDO Record Type Keyword](#)
 - [Maker Type](#)
 - Order of examples transposed in [Identifier Type](#).
- Document finalised for release.

Contents

Resources	7
Background	7
Acknowledgements	8
General principles	9
Schema presentation	13
Viewer	14
Controlled terms used in EODEM	15

Elements

EODEM Exchange	18
EODEM Object	18
LIDO Record ID	19
URI	20
LIDO Application Profile	21
Object Metadata	22
Object Type Group	23
Object Type Identifier	24
Object Type Keyword	25
Title/Name Group	26
Title/Name	27
Lender Group [1: repository]	28
Lender Identifier [1: repository]	29
Lender Name [1: repository]	30
Object Identifier	31
Brief Description	32
Measurement Group	33
Measurement Text	34
Dimension Aspect Group	35
Dimension Group	36
Dimension	37
Unit	38
Measurement	39
Dimension Aspect	40
Dimension Qualifier	41
Materials/Techniques Group	42
Material/Technique Description	42
Material/Technique Group	43
Material/Technique Identifier	44
Material/Technique Keyword	45
Object Production Group	46
Maker Group	48
Maker Identification Group	49
Maker Identifier	50
Maker Display Name	51
Maker Sort Name	52
Maker Earliest Date	53
Maker Latest Date	54
Maker Role Group	55
Maker Role Identifier	56
Maker Role Keyword	57
Attribution Qualifier	58
Production Date Group	59
Display Production Date	59
Earliest Production Date	60
Latest Production Date	62
Production Period Group	63

Production Period Identifier	63
Production Period Keyword	64
Loan Assessment Group	65
Value Group	67
Value Currency	68
Value	69
Insurance/Indemnity	70
Condition Of Object	72
Object Move Requirements Group	73
Handling	74
Transport	75
Condition Checking	77
Hazards	78
Object Display Requirements Group	79
Temperature Requirements Group	81
Temperature Requirements Text	82
Temperature Requirements Measurements Group	83
Target Minimum Temperature	84
Target Maximum Temperature	86
Maximum Temperature Variation	87
Minimum Temperature Variation Period	89
Relative Humidity Requirements Group	90
Relative Humidity Requirements Text	92
Relative Humidity Requirements Measurements Group	93
Target Minimum Relative Humidity	94
Target Maximum Relative Humidity	95
Maximum Relative Humidity Variation	97
Minimum Relative Humidity Variation Period	98
Visible Light Exposure Requirements Group	100
Visible Light Exposure Requirements Text	101
Visible Light Exposure Requirements Measurements Group	102
Maximum Visible Light Exposure	103
Maximum Cumulative Visible Light Exposure	105
Maximum Cumulative Visible Light Exposure Duration	107
Ultraviolet Light Exposure Requirements Group	108
Ultraviolet Light Exposure Requirements Text	109
Ultraviolet Light Exposure Requirements Measurements Group	110
Maximum Ultraviolet Light Exposure	111
Target Ultraviolet Light Exposure	113
Upper Ultraviolet Light Wavelength Boundary	115
Installation Method	117
Display Method	118
Security	119
Photography And Filming	120
Administrative Metadata	121
Credit line	122
Local Record ID	123
LIDO Record Type Group	124
LIDO Record Type Identifier	125
LIDO Record Type Keyword	126
Lender Group [2: record source]	127
Lender Identifier [2: record source]	128
Lender Name [2: record source]	129
Export Date/Timestamp	130
Image Group	131
Image	132

Attributes

Identifier Type	134
-----------------------	-----

Material/Technique Type	134
Maker Type	135
Title Type	136
Record Language	136
Title Language	137
Image Type	138



EXHIBITION OBJECT DATA EXCHANGE MODEL

EODEM LIDO profile version 1.0

CIDOC Documentation Standards Working Group

Resources

Links to current EODEM resources will always be available via the project's homepage at <https://cidoc.mini.icom.museum/working-groups/documentation-standards/eodem-home/>. For help and advice when implementing EODEM, please email eodem-support@googlegroups.com.

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)

In particular, given the desirability of developing a standard for EODEM which was based upon existing standards which had already been incorporated into at least some CMSs, consideration was given to basing EODEM upon [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 identified as requirements for EODEM. A decision was made to adopt LIDO on the basis of its tighter definition in practice, recent use in several data aggregation projects, greater extensibility, and the opportunities provided by the

concurrent development of LIDO 1.1 to accommodate any particular needs identified for EODEM. Adopting LIDO in turn determined the base format for an EODEM file: XML, the established serialisation for LIDO.

The draft EODEM data description was mapped to LIDO version 1.1 and subsequently refined, and the resulting text document was converted to a single XML file and accompanying XSLT files, which can be used to generate:

- An EODEM XSD schema document
- An outline of an EODEM document's structure in HTML
- Human-readable EODEM documentation in HTML
- Human-readable EODEM documentation in PDF
- A sample EODEM XML file

This work was carried out in conjunction with the LIDO Working Group and the KONDA project, and managed at a series of regular online meetings attended variously by:

- Andrea Boyes (Axiell)
- Angela Kipp (Gallery Systems)
- David Cigánek (Axiell / Musoft)
- Fernando Cabral (Sistemas do Futuro Ltd)
- Jake Jones (RoxyArt.io)
- Jette Klein-Berning (Zetcom)
- Jonathan Whitson Cloud (CIDOC DSWG)
- Joshua Enslin (museum-digital)
- Liz Eckman (Gallery Systems)
- Maija Ekosaari (CIDOC DSWG)
- Maria Scherrers (Gallery Systems)
- Mary LaGue (Taubman Museum of Art)
- Mike Jones
- Mikko Sola (Userix Oy)
- Norbert Kanter (Zetcom)
- Regine Stein (LIDO WG)
- Richard Light (Modes Users Association)
- Rob Tice (Knowledge Integration)
- Rupert Shepherd (CIDOC DSWG)
- Saatu Haapakoski (Profium)
- Sara Kayser (KulturIT)
- Sascha Curzon (Gallery Systems)
- Sheila Carey (CHIN)

Further valuable feedback was provided by participants at a number of EODEM and LIDO workshops held online on

- 7 and 9 December 2020, as part of the CIDOC 2020 annual conference
- 22 and 24 May 2022, as part of the CIDOC 2021 annual conference

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- Lynne Harrison for assistance with vocabularies
- Maija Ekosaari for conference workshop organisation and facilitation
- Norbert Kanter for the initial idea and subsequent logo designs

- Richard Light for proof-of-concept, viewer and extensive XSLT development
- Rob Tice for the initial draft LIDO mapping
- Rupert Shepherd for coordinating meetings and drawing up various versions of the profile definition
- Sascha Curzon for viewer development
- Simon Lambert for assistance with vocabularies
- The LIDO Working Group, particularly Regine Stein, for advice and for altering LIDO version 1.1 to take account of EODEM's needs
- LIDO name and logo courtesy Rob Lancefield

General principles

Comprehensiveness

EODEM is intended to facilitate the exchange of the data that is actually stored in CMSs, rather than the data that ideally should be in CMSs. We have therefore taken care to set a standard that is not likely to be a barrier to the export or import of the required information. We recognise that, in many cases, the exporting and importing CMSs will have higher data standards than EODEM; at the same time, we fully expect that no single system will contain all the units of information specified in EODEM, let alone actually contain data in them.

Our aim has therefore been to strike a balance between ease of implementation, and being so prescriptive as to make it virtually impossible to provide usable data. One consequence of this is that very few EODEM fields are mandatory. The only mandatory fields that are likely to be populated from CMS data are:

1. [Object Type Keyword](#)
2. [Title Type](#)
3. [Title/Name](#)
4. [Title Language](#)
5. [Object Identifier](#)
6. [LIDO Record Type Identifier](#)
7. [LIDO Record Type Keyword](#)

(and even then, some fields, such as [Title Type](#) and [Title Language](#), may actually be default values in some systems). The following fields are also mandatory, but will most likely be filled in using system values or defaults applied at the point of export:

1. [LIDO Record ID](#)
2. [LIDO Application Profile](#)
3. [Record Language](#)
4. [Lender Name](#)
5. [Local Record ID](#)
6. [Export Date/Timestamp](#)

In short, EODEM works on the principle that it is better to be able to automatically export and import some object data, than no object data at all.

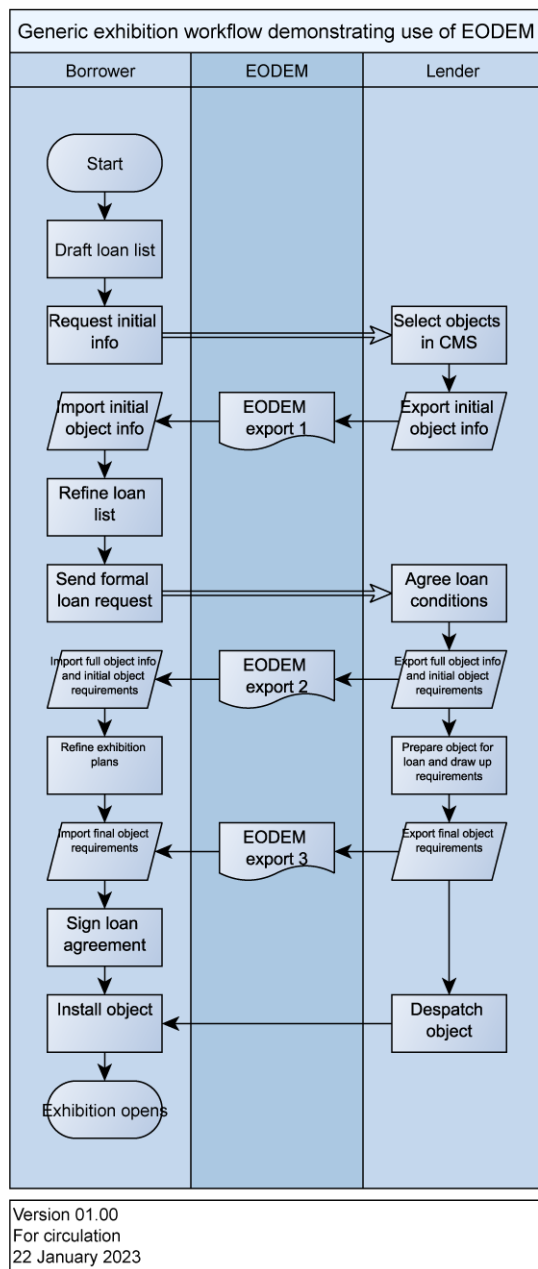
Different CMSs store different data in different ways, and to different levels of granularity. EODEM includes some units of information where the structure is very granular, and we acknowledge that not all vendors will be able to meet this level of granularity; we have always provided a free-text

alternative in such cases. Conceptually, we expect that different importers and exporters will be able to meet one of the following levels of granularity:

- Level 1: data as text only
- Level 2: granular / structured data
- Level 3: granular / structured data with all entities identified by resolvable Linked Data URIs

Workflow

EODEM envisages that data for the same object is likely to be exported by a lender and imported by a borrower multiple times over the course of a loan: see the following notional workflow diagram.



This has a significant impact on how the receiving system should handle imports. It is likely that users will want the option to:

1. Overwrite existing data
2. Append to existing data

3. Import as an entirely new record

In this context, it is absolutely crucial that the data in [Export Date/ Timestamp](#) is both accurate, and contains the required time zone value - and that importers take account of it.

Data transformation on export and import

No EODEM unit of information may be re-purposed or re-labelled. If the exporting CMS holds data that matches a given unit of information, then it will be exported; if data does not match an EODEM unit of information, it will not be exported.

If data provided in EODEM cannot be accommodated in the receiving CMS, vendors might 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.)

[EODEM Object](#) will contain a single record representing either a single object, or a group of objects described as a group without being broken down into individual objects. [LIDO Record Type Group](#) identifies which is described. No further partitioning, grouping or membership is permitted, and therefore no properties should be taken to be inherited between objects.

Where an exporting CMS contains multiple instances of a unit of information for which EODEM specifies a single instance, then only the most appropriate (or failing that, the first) entry should be used. Concatenations of multiple terms are not acceptable.

Beyond the imposition of a very few controlled terminologies, EODEM does not envisage that data will be filtered or arranged prior to exchange. Examples given are in some cases intended to indicate how poor (in data standard terms) the acceptable data may be, and still remain useful.

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. EODEM LIDO is serialised as XML, and so encodes all data as (Unicode) text. Individual system developers will therefore need to handle data type conversions on export and import to match their individual systems' requirements.

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.

Controlled terminologies (and linked data)

EODEM mandates the use of very few controlled vocabularies or formats:

- **IANA media types list** : Image Type
- **IETF language code list** : Record Language, Title Language
- **ISO 4217 (currencies)**: Value Currency
- **ISO 8601 (dates)**: Earliest Production Date, Latest Production Date, Export Date/Timestamp
- **Individual SI units of measurement** for quantified (as opposed to free-text) environmental requirements

- **LIDO Terminology :**
 - actor_type: Maker Type
 - identifier_type: <...ID>/@type
 - pref: @pref
 - recordType: LIDO Record Type Identifier, LIDO Record Type Keyword
 - termMaterialsTech_type: Material/Technique Group

A few more are recommended but not mandated:

- **ISO 8601 (dates):** Maker Earliest Date, Maker Latest Date
- **SI units** and their abbreviations: Unit

In these cases, 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 import. In most cases, such conversions are likely to be applied generically on export rather than change according to individual data values.

It may be that some vendors' clients would prefer that some terminology values were overwritten by a generic term reflecting the information's origin. For example, **Title Type** might always be changed to 'lender's title' upon import, regardless of the value in the exported data. This is permissible - but should, of course, be documented.

In addition, the adoption of LIDO as our data exchange format enables us, through the LIDO model of <conceptID> / <term> pairs, to refer to controlled vocabularies, if the relevant identifiers exist in data - with all the potential advantages that that might bring. We therefore encourage vendors, where individual clients have been able to apply external identifiers to data which can be included in an EODEM export, to include the relevant fields in their EODEM exports; and to take account of it when aligning data upon import.

However, EODEM does make extensive use of Linked Data identifiers within framing data, in order to identify which particular unit of information is being described. In nearly all cases, it should be possible to hard-code these into the exporter or importer. These are drawn from three sources:

- AAT
- LIDO Terminology
- Spectrum

The terms used are listed below, under '**Controlled terms used in EODEM**'.

Languages

EODEM accepts that object records may be exchanged in more than one language at the same time. It is not the exporter's job to anticipate which language an importer may prefer: they should export records in whichever language is / languages are available in their system. However, it is a requirement of LIDO that a record's language must be explicitly labelled, using **Record Language**.

EODEM further mandates that, rather than export one <descriptiveMetadata> block and assign multiple languages to the individual units within it, a separate <descriptiveMetadata> block should be exported for every language used. The only exception to this is for **Title/Names**, where it is accepted that multiple titles may exist in different languages within a single descriptiveMetadata block; however, the individual languages should be specified using **Title Language**.

It is therefore incumbent on the importer to decide either to accept records in all the languages offered, or to define a hierarchy of preferred languages, from which the highest will be imported; failing that, the next highest, and so on.

Images and transfer of files

If an image is not represented by a URI, it is assumed that the image files will be provided alongside the EODEM XML file, and the image file's name will be defined in the [Image](#) field.

EODEM data for transfer will therefore comprise:

- 1 × XML file, meeting the standard for the EODEM profile of LIDO 1.1
- 0-n × image files

EODEM importers will 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.

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).

Schema presentation

EODEM is a profile of LIDO version 1.1; this document should be read in conjunction with the LIDO 1.1 specification, <http://lido-schema.org/schema/v1.1/lido-v1.1.html>.

The EODEM profile is presented as a series of units of information; these map to LIDO elements and attributes. The units of information are listed in the order in which they will appear within an EODEM profile. Each unit of information is presented as follows:

- The unit of information's name in natural language
 - **Description:** contains a short explanation of the unit of information.

- **Unit ID:** the identifier used to identify the unit of information within the profile definition XML document, and documents generated from them.
- **Examples:** one or more examples of the kind of data which might be contained within the unit of information.
- **How to record**
 - **Authority:** any controlled terminology to be used within the unit of information itself, or the surrounding LIDO XML that identifies it. These should be taken as mandatory unless explicitly labelled as recommended.
 - **Cardinality:** the defined occurrence of the unit of information, within its parent unit of information. Cardinality is inherited. In other words:
 - If the cardinality of the unit *and all its ancestors* is 1 or 1-n, then the unit of information is mandatory
 - If the cardinality of a unit is 1 or 1-n, but that of its parent is 0-n, then the unit must be included only if its ancestor elements are included.
 - **Content type:** the type of data encoded within the unit of information. This is either 'element', where the unit of information is a wrapper for descendant elements; or an indicative data type for the unit of information. Because EODEM is expressed in XML, all data is by definition expressed as Unicode text; nevertheless, certain units of information will expect data to be presented in the form of (say) a floating point or integer.
 - **Divergence from LIDO:** if any aspect of the unit of information diverges from the relevant element's definition in LIDO 1.1, this is identified here. This will take the form either of a more restrictive cardinality for, or restrictions on the terms that can be used within, the unit of information itself, or the surrounding LIDO XML that identifies it.
 - **XPath interchange:** an absolute XPath which can be used to retrieve all occurrences of the unit of information for all objects contained within a single EODEM document.
 - **XPath object:** a relative XPath which can be used to retrieve all occurrences of the unit of information for a single object contained within an EODEM document.
- **Export:** where to place the unit of information when creating an EODEM file:
 - **Context:** the parent unit of information within which the unit of information should be placed.
 - **Structure:** the components which make up the unit of information; these will be LIDO XML elements and attributes, and may include descendant units of information.

Units of information which are expressed solely as LIDO XML attributes may occur at multiple positions within an EODEM document, and so they have no information under Export; if their use is widespread, they will also have no information under XPath.

Viewer

Developers and other users can preview valid EODEM files in a more human-readable form by uploading a file and accompanying image(s) to an online viewer at <https://cidoc-dswg.org/eodem/>.

Controlled terms used in EODEM

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>
- 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/actor_type; any term)

- Group of persons (Actor type): <http://terminology.lido-schema.org/lido00165>
 - Family: <http://terminology.lido-schema.org/lido00166>
 - Organization (Group of persons): <http://terminology.lido-schema.org/lido00413>
 - Person: <http://terminology.lido-schema.org/lido00163>
- eventType (<http://terminology.lido-schema.org/eventType>; depending upon context, any term; or restricted to the following)
 - Beginning of existence: <http://terminology.lido-schema.org/lido00028> or any narrower term)
 - Object loan assessment: <http://terminology.lido-schema.org/lido00795>
 - Object display assessment: <http://terminology.lido-schema.org/lido00794>
 - Object move assessment: <http://terminology.lido-schema.org/lido00793>
- identifier_type (http://terminology.lido-schema.org/identifier_type; 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/objectMeasurementsSet_type; any term)
 - Measurement object proper: <http://terminology.lido-schema.org/lido00927>
 - Measurement object requirement: <http://terminology.lido-schema.org/lido00923>
- pref (<http://terminology.lido-schema.org/pref>; any term)
 - Alternative label: <http://terminology.lido-schema.org/lido00170>
 - Display label: <http://terminology.lido-schema.org/lido00526>
 - Hidden label: <http://terminology.lido-schema.org/lido00426>
 - Index label: <http://terminology.lido-schema.org/lido00961>
 - Preferred label: <http://terminology.lido-schema.org/lido00169>
- recordMetadataDate_type: http://terminology.lido-schema.org/recordMetadataDate_type
 - created: <http://terminology.lido-schema.org/lido00472>
- recordType (<http://terminology.lido-schema.org/recordType>; 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/repositorySet_type
 - 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 label
- <http://terminology.lido-schema.org/lido00170>: Alternative label
- <http://terminology.lido-schema.org/lido00413>: Organization (Group of persons)
- <http://terminology.lido-schema.org/lido00426>: Hidden label
- <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 label
- <http://terminology.lido-schema.org/lido00793>: Object move assessment
- <http://terminology.lido-schema.org/lido00794>: Object display assessment
- <http://terminology.lido-schema.org/lido00795>: Object loan assessment
- <http://terminology.lido-schema.org/lido00923>: Measurement object requirement
- <http://terminology.lido-schema.org/lido00927>: Measurement object proper
- <http://terminology.lido-schema.org/lido00961>: Index label

Spectrum

Terms used exist in Spectrum as units of information.

- brief description: <http://purl.org/spectrum/units/brief-description> (existing term)
- condition checking requirements: <http://purl.org/spectrum/units/condition-checking-requirements> (candidate term)
- condition note: <http://purl.org/spectrum/units/condition-note> (existing term)
- display recommendations: <http://purl.org/spectrum/units/display-recommendations> (existing term)
- handling recommendations: <http://purl.org/spectrum/units/handling-recommendations> (existing term)
- hazards note: <http://purl.org/spectrum/units/hazards-note> (existing term)
- imaging requirements: <http://purl.org/spectrum/units/imaging-requirements> (candidate term)
- installation note: <http://purl.org/spectrum/units/installation-note> (candidate term)
- insurance or indemnity requirements: <http://purl.org/spectrum/units/insurance-or-indemnity-requirements> (candidate term)
- security requirements: <http://purl.org/spectrum/units/security-requirements> (candidate term)
- shipping note: <http://purl.org/spectrum/units/shipping-note> (existing term)

Elements

EODEM Exchange

Description

A complete EODEM data exchange.

Unit ID

EODEM_Exchange

How to record

Cardinality

1

Content type

element

XPath interchange

/lido:lidoWrap

Export

Structure

```
<lido:lidoWrap>  
  EODEM_Object
```

EODEM Object

Description

Information about a single object being described as part of an EODEM data exchange.

Unit ID

EODEM_Object

How to record

Cardinality

1-n (only 1 per object)

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido

XPath object

lido:lido

Export

Context

EODEM Exchange

Structure

```
<lido:lido>  
  LIDO_Record_ID  
  URI  
  LIDO_Application_Profile  
  Object_Metadata  
  Administrative_Metadata
```

LIDO Record ID

Description

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.

Unit ID

LIDO_Record_ID

Examples

- NG-object-4077

How to record

Authority

lidoRecID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 1-n)
- controlled terminology in lidoRecID @type (LIDO: various values allowed)

XPath interchange

/lido:lidoWrap/lido:lido/lido:lidoRecID/text()

XPath object

lido:lido/lido:lidoRecID/text()

Export

Context

EODEM Object

Structure

```
<lido:lidoRecID lido:type="Identifier_Type">
```

URI

Description

Any 'cool' (persistent and dereferenceable) URI assigned to the item.

Unit ID

URI

Examples

- <https://data.ng-london.org.uk/0F6J-0001-0000-0000>

How to record

Authority

objectPublishedID @type only one value is permitted: <http://terminology.lido-schema.org/lido00099> ³

Cardinality

0-1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology in objectPublishedID @type (LIDO: various values allowed)

XPath interchange

/lido:lidoWrap/lido:lido/lido:objectPublishedID/text()

³ LIDO numeric URI for LIDO Terminology term 'URI'.

XPath object

lido:lido/lido:objectPublishedID/text()

Export

Context

EODEM Object

Structure

```
<lido:objectPublishedID lido:type="Identifier_Type">
```

LIDO Application Profile

Description

The LIDO profile to which this record adheres; by definition, this must be a version of the EODEM profile.

Unit ID

LIDO_Application_Profile

Examples

element	https://lido-schema.org/schema/v1.1/lido-v1.1-profile-EODEM-v1.0.xsd
---------	---

How to record

Authority

Only one value is permitted: <https://lido-schema.org/schema/v1.1/lido-v1.1-profile-EODEM-v1.0.xsd>

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-1)
- controlled terminology (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:applicationProfile[@lido:type='http://terminology.lido-schema.org/lido00099']/text()
```

XPath object

lido:lido/lido:applicationProfile[@lido:type='http://terminology.lido-schema.org/lido00099']/text()

Export

Context

EODEM Object

Structure

```
<lido:applicationProfile lido:type="http://terminology.lido-schema.org/lido00100">https://lido-schema.org/schema/v1.1/lido-v1.1-profile-EODEM-v1.0.xsd
```

Object Metadata

Description

The container for all data describing the object, rather than administrative data, or data describing the LIDO record.

Unit ID

Object_Metadata

How to record

Cardinality

1

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido/lido:descriptiveMetadata

XPath object

lido:lido/lido:descriptiveMetadata

Export

Context

EODEM Object

Structure

```
<lido:descriptiveMetadata xml:lang="Record_Language">  
  Object_Type_Group  
  <lido:objectIdentificationWrap>  
    <lido:titleWrap>  
      TitleName_Group
```

```
<lido:repositoryWrap>
  <lido:repositorySet lido:type="http://terminology.lido-schema.org/
  lido00475">
    Lender_Group_1_repository
    Object_Identifier
```

```
<lido:objectDescriptionWrap>
  Brief_Description
```

```
<lido:objectMeasurementsWrap>
  Measurement_Group
```

```
<lido:objectMaterialsTechWrap>
  MaterialsTechniques_Group
```

```
<lido:eventWrap>
  Object_Production_Group
  Loan_Assessment_Group
  Object_Move_Requirements_Group
  Object_Display_Requirements_Group
```

Object Type Group

Description

Containing element for an individual type (the narrowest meaningful attribution of type that can be appropriately applied to the whole of the item), expressed as one or more keywords, optionally accompanied by one or more identifiers. If more than one type is allocated, each type should be placed in a separate Object Type Group.

Unit ID

Object_Type_Group

How to record

Cardinality

1-n

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap

Export

Context

Object Metadata

Structure

```
<lido:objectClassificationWrap>  
  <lido:objectWorkTypeWrap>  
    <lido:objectWorkType>  
      Object_Type_Identifier  
      Object_Type_Keyword
```

Object Type Identifier

Description

An identifier in a controlled terminology for the narrowest meaningful attribution of type that can be appropriately applied to the whole of the item.

Unit ID

Object_Type_Identifier

Examples

- <http://vocab.getty.edu/aat/300033618>

How to record

Authority

conceptID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

conceptID @pref

any numeric URI from [LIDO Terminology: pref](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap/  
lido:objectWorkTypeWrap/lido:objectWorkType/lido:conceptID/text()
```

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap/
lido:objectWorkTypeWrap/lido:objectWorkType/lido:conceptID/text()

Export

Context
Object Type Group

Structure

```
<lido:conceptID lido:type="http://terminology.lido-schema.org/lido00099">
```

Object Type Keyword

Description

The narrowest meaningful attribution of type that can be appropriately applied to the whole of the item.

Unit ID

Object_Type_Keyword

Examples

- paintings
- chair
- model
- specimen
- sample
- suit of armour

How to record

Authority

term @pref

any numeric URI from [LIDO Terminology: pref](#)

Cardinality

1-n

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology in term @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap/  
lido:objectWorkTypeWrap/lido:objectWorkType/lido:term/text()
```

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectClassificationWrap/
lido:objectWorkTypeWrap/lido:objectWorkType/lido:term/text()

Export

Context

Object Type Group

Structure

<lido:term>

Title/Name Group

Description

Containing element for the name by which the object is widely known, and information describing it.

Unit ID

TitleName_Group

How to record

Authority

titleSet @pref any numeric URI from [LIDO Terminology: pref](#) ⁴

Cardinality

1

Content type

element

Divergence from LIDO

- cardinality (LIDO: 1-n)
- controlled terminology in titleSet @pref (LIDO: various values allowed)

XPath interchange

/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:titleWrap/lido:titleSet

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/lido:titleWrap/
lido:titleSet

Export

⁴ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Context
Object Metadata

Structure

```
<lido:titleSet lido:type="Title_Type">  
  TitleName
```

Title/Name

Description

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.

Unit ID

TitleName

Examples

- Bacchus and Ariadne
- Washington Crossing the Delaware
- Untitled
- The Rosetta Stone
- Odobenus rosmarus
- Napoleon's hat

How to record

Authority

appellationValue @pref any numeric URI from [LIDO Terminology: pref](#)

Cardinality

1-n

Content type

character data: string

Divergence from LIDO

controlled terminology in appellationValue @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:titleWrap/lido:titleSet/lido:appellationValue/text()
```

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/lido:titleWrap/
lido:titleSet/lido:appellationValue/text()

Export

Context

Title/Name Group

Structure

```
<lido:appellationValue xml:lang="Title_Language">
```

Lender Group [1: repository]

Description

Containing element for information identifying the institution lending the item and exporting the data, expressed as free text, optionally accompanied by one or more identifiers.

Unit ID

Lender_Group_1_repository

How to record

Authority

repositorySet @type

only one value is permitted: <http://terminology.lido-schema.org/lido00475> ⁵

Cardinality

1-n

Content type

element

Divergence from LIDO

- controlled vocabulary in repositorySet @type (LIDO: various values allowed)
- cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-  
schema.org/lido00475']/lido:repositoryName
```

XPath object

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

lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-
schema.org/lido00475']/lido:repositoryName

Export

Context

Object Metadata

Structure

```
<lido:repositoryName>  
  Lender_Identifier_1_repository  
  Lender_Name_1_repository
```

Lender Identifier [1: repository]

Description

The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.

Unit ID

Lender_Identifier_1_repository

Examples

- <http://vocab.getty.edu/ulan/500125190>
- <https://www.wikidata.org/entity/Q180788>
- VAM
- LDHRN
- GB-UkOxU

How to record

Authority

legalBodyID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

controlled vocabulary in legalBodyID @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-  
schema.org/lido00475']/lido:repositoryName/lido:legalBodyID/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-  
schema.org/lido00475']/lido:repositoryName/lido:legalBodyID/text()
```

Export

Context

Lender Group [1: repository]

Structure

```
<lido:legalBodyID lido:type="Identifier_Type">
```

Lender Name [1: repository]

Description

The name of the institution lending the item and exporting the data.

Unit ID

Lender_Name_1_repository

Examples

- The National Gallery
- Victoria and Albert Museum
- Національний Музей Історії України (National Museum of the History of Ukraine)

How to record

Authority

@pref any numeric URI from [LIDO Terminology: pref](#)⁶

Cardinality

1

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-1)

XPath interchange

⁶ @pref will be ignored by importers, because only one term is permissible here in EODEM.

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-  
schema.org/lido00475']/lido:repositoryName/lido:legalBodyName/  
lido:appellationValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-  
schema.org/lido00475']/lido:repositoryName/lido:legalBodyName/  
lido:appellationValue/text()
```

Export

Context

Lender Group [1: repository]

Structure

```
<lido:legalBodyName>  
<lido:appellationValue>
```

Object Identifier

Description

The number used by the data holder to manage the item. This will be an accession number or another primary id number.

Unit ID

Object_Identifier

Examples

- NG35
- 2018.123
- ABC99-123
- P123

How to record

Authority

identifier @type

any numeric URI from [LIDO Terminology: identifier_type](#)

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology in workID @ type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-
schema.org/lido00475']/lido:workID/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:repositoryWrap/lido:repositorySet[@lido:type='http://terminology.lido-
schema.org/lido00475']/lido:workID/text()
```

Export

Context

Object Metadata

Structure

```
<lido:workID lido:type="Identifier_Type">
```

Brief Description

Description

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.

Unit ID

Brief_Description

Examples

- One of the most famous paintings in the National Gallery, Titian's Bacchus and Ariadne illustrates a story told by the classical authors Ovid and Catullus. The Cretan princess Ariadne has been abandoned on the Greek island of Naxos by Theseus, whose ship sails away in the distance. Bacchus, god of wine, falls in love at first sight with Ariadne and leaps from his chariot towards her. Later, Bacchus throws Ariadne's crown into the air, immortalising her as the constellation Corona Borealis, represented by the stars above her head. This painting is one of a celebrated series by Giovanni Bellini, Titian and the Ferrarese artist Dosso Dossi, commissioned for the Camerino d'Alabastro (Alabaster Room) in the Ducal Palace, Ferrara, by Alfonso I d'Este, Duke of Ferrara. All the pictures, completed from 1514 to 1525, are bacchanals – scenes of hedonism, drinking, music making and lovemaking. Titian shows off his great skill as a colourist, combining in this single picture all of the purest and most vibrant pigments available at that time.
- Painting of a man in the prow of a crowded boat, looking back and pointing forwards.
- A blue spoon with a long handle
- 25 Athenian Owls

- An overstuffed taxidermy walrus.

How to record

Authority

objectDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/brief-description>⁷

Cardinality

objectDescriptionSet	0-1
descriptiveNoteValue	0-1

Content type

character data: string

Divergence from LIDO

- cardinality objectDescriptionSet (LIDO: 0-n)
- cardinality descriptiveNoteValue (LIDO: 0-n)
- value of objectDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:objectDescriptionWrap/lido:objectDescriptionSet[@lido:type='http://
purl.org/spectrum/units/brief-description']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:objectDescriptionWrap/lido:objectDescriptionSet[@lido:type='http://
purl.org/spectrum/units/brief-description']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Metadata

Structure

```
<lido:objectDescriptionSet lido:type="http://purl.org/spectrum/units/brief-
description">
  <lido:descriptiveNoteValue>
```

Measurement Group

Description

Containing element for information describing and characterising the object's dimensions, expressed as free text and / or as one or more sets of structured data.

⁷ PURL for Spectrum unit of information 'brief description'.

Unit ID

Measurement_Group

How to record

Cardinality

objectMeasurementsWrap 0-1
objectMeasurementsSet 0-n

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet
```

Export

Context

Object Metadata

Structure

```
<lido:objectMeasurementsSet>  
  Measurement_Text  
  Dimension_Aspect_Group
```

Measurement Text

Description

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.

Unit ID

Measurement_Text

Examples

- 176.5 x 191 cm
- 12.3 x 17.0 x 28.7 cm

How to record

Cardinality

0-n; but if a measurement is given, then either [Measurement Text](#) or [Dimension Aspect Group](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:displayObjectMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:displayObjectMeasurements/text()
```

Export

Context

[Measurement Group](#)

Structure

```
<lido:displayObjectMeasurements>
```

Dimension Aspect Group

Description

The object's dimensions, expressed as a series of structured fields, which can be parsed by consuming systems.

Unit ID

Dimension_Aspect_Group

How to record

Cardinality

0-1; but if a measurement is given, then either [Measurement Text](#) or [Dimension Aspect Group](#) or both must be included.

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements
```

Export

Context

Measurement Group

Structure

```
<lido:objectMeasurements>  
  Dimension_Group  
  Dimension_Aspect  
  Dimension_Qualifier
```

Dimension Group

Description

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

Unit ID

Dimension_Group

How to record

Cardinality

1-n; but if a [Dimension Aspect Group](#) is given, then [Dimension Group](#) must be included

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet
```

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/
lido:objectMeasurements/lido:measurementsSet

Export

Context

Dimension Aspect Group

Structure

```
<lido:measurementsSet>  
  Dimension  
  Unit  
  Measurement
```

Dimension

Description

The dimension measured for which the [Measurement](#) applies. This should not include the part/s measured, which are specified in [Dimension Aspect](#). 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.

Unit ID

Dimension

Examples

- width
- height
- depth
- diameter
- duration

How to record

Cardinality

1

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 1-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementType/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementType/text()
```

Export

Context
Dimension Group

Structure

```
<lido:measurementType>
```

Unit

Description

The unit the measurement is counted in.

Unit ID

Unit

Examples

- cm
- inches
- in
- "
- s
- items

How to record

Authority

Wherever possible, use the accepted SI abbreviation.

Cardinality

1

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 1-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementUnit/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementUnit/text()
```

Export

Context

Dimension Group

Structure

```
<lido:measurementUnit>
```

Measurement

Description

The extent of the dimension.

Unit ID

Measurement

Examples

- 191
- 176.5
- 5
- 1000
- 9.95

How to record

Cardinality

1

Content type

character data: floating point

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:measurementsSet/lido:measurementValue/text()
```

Export

Context
Dimension Group

Structure

```
<lido:measurementValue>
```

Dimension Aspect

Description

The aspect of the object being measured.

Unit ID

Dimension_Aspect

Examples

- overall
- handle
- frame
- sight size
- sleeve
- count

How to record

Cardinality

0-n

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:extentMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:extentMeasurements/text()
```

Export

Context
Dimension Aspect Group

Structure

<lido:extentMeasurements>

Dimension Qualifier

Description

Text qualifying the dimension aspect group, e.g. accuracy, description of part measured etc.

Unit ID

Dimension_Qualifier

Examples

- accurate to 0.5 cm
- ± 2 cm
- with handle extended

How to record

Cardinality

0-n

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:qualifierMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMeasurementsWrap/lido:objectMeasurementsSet/  
lido:objectMeasurements/lido:qualifierMeasurements/text()
```

Export

Context
Dimension Aspect Group

Structure

<lido:qualifierMeasurements>

Materials/Techniques Group

Description

Containing element for a description of the different materials that the object is made of, or techniques used to make it, expressed as free text and / or as one or more keywords, optionally accompanied by one or more identifiers. (Generally, material information will be more useful to borrowers than technique information when they are caring for a borrowed object.)

Unit ID

MaterialsTechniques_Group

How to record

Cardinality

objectMaterialsTechWrap	0-1
objectMaterialsTechSet	0-n

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet

XPath object

lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet

Export

Context

Object Metadata

Structure

```
<lido:objectMaterialsTechSet>  
  MaterialTechnique_Description  
  <lido:materialsTech>  
    MaterialTechnique_Group
```

Material/Technique Description

Description

A description of the different materials that the object is made of, or techniques used to make it, expressed as free text; keywords and accompanying identifiers should be entered using [Material/Technique Group](#).

Unit ID

MaterialTechnique_Description

Examples

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

How to record

Cardinality

0-n; but if a material is given, then either [Material/Technique Description](#) or [Material/Technique Keyword](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/  
lido:displayMaterialsTech/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/  
lido:displayMaterialsTech/text()
```

Export

Context

[Materials/Techniques Group](#)

Structure

```
<lido:displayMaterialsTech>
```

Material/Technique Group

Description

Containing element for a material or technique, expressed as one or more keywords, optionally accompanied by one or more identifiers. If more than one material or technique is allocated, each material should be placed in a separate Material/Technique Group. It will help importers if the kind of term being entered (material, technique, etc.) is identified using Material/Technique Type.

Unit ID

MaterialTechnique_Group

How to record

Authority

termMaterialsTech @type any numeric URI from [LIDO Terminology: termMaterialsTech_type](#)

Cardinality

0-n; but if a material is given, then either [Material/Technique Description](#) or [Material/Technique Keyword](#) or both must be included.

Content type

element

Divergence from LIDO

controlled terminology in termMaterialsTech @type (LIDO: various values are allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech
```

Export

Context

[Materials/Techniques Group](#)

Structure

```
<lido:termMaterialsTech>  
  MaterialTechnique\_Identifier  
  MaterialTechnique\_Keyword
```

Material/Technique Identifier

Description

An identifier in a controlled vocabulary for an individual term describing a material the object is made of, or a technique used to make the object.

Unit ID

MaterialTechnique_Identifier

Examples

- <https://data.ng-london.org.uk/0FLK-0008-0000-0000>
- <http://vocab.getty.edu/aat/300140803>

How to record

Authority

conceptID @type any numeric URI from [LIDO Terminology: identifier_type](#)
conceptID @pref any numeric URI from [LIDO Terminology: pref](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech/lido:conceptID/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech/lido:conceptID/text()
```

Export

Context

[Material/Technique Group](#)

Structure

```
<lido:conceptID lido:type="Identifier_Type">
```

Material/Technique Keyword

Description

An individual terms describing a material the object is made of, or a technique used to make the object. A more narrative description combining multiple terms should be placed in [Material/Technique Description](#).

Unit ID

MaterialTechnique_Keyword

How to record

Authority

conceptID	only http://terminology.lido-schema.org/lido00028 ⁸ is permitted (and required)
conceptID @type	only http://terminology.lido-schema.org/lido00099 ⁹ is permitted (and required)
term	only Beginning of existence is permitted (and required)

Cardinality

eventWrap	0:1
eventSet	0:n
event	0:1
conceptID	1
term	1

Content type

element

Divergence from LIDO

- cardinality conceptID (LIDO: 0-n)
- cardinality term (LIDO: 0-n)
- controlled terminology in eventType > conceptID (LIDO: various values allowed)
- controlled terminology in eventType > conceptID @type (LIDO: various values allowed)
- controlled terminology in eventType > term (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/  
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://  
terminology.lido-schema.org/lido00028']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/  
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/  
lido00028']
```

Export

Context

Object Metadata

Structure

```
<lido:eventSet>  
  <lido:event>
```

⁸ LIDO numeric URI for LIDO Terminology term 'beginning of existence' in LIDO Terminology.

⁹ LIDO numeric ID for term 'URI'.

```
<lido:eventType>
  <lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://terminology.lido-schema.org/lido00028
  <lido:term>Beginning of existence
```

Maker_Group
Production_Date_Group
Production_Period_Group

Maker Group

Description

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.

Unit ID

Maker_Group

How to record

Cardinality

eventActor	0-n
actorInRole	0-1

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00028']/lido:eventActor/lido:actorInRole
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00028']/lido:eventActor/lido:actorInRole
```

Export

Context

Object Production Group

Structure

```
<lido:eventActor>
  <lido:actorInRole>
    Maker_Identification_Group
    Maker_Role_Group
```


Maker Identification Group

Description

Information to help identify the actor in question.

Unit ID

Maker_Identification_Group

How to record

Cardinality

1

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor
```

Export

Context

Maker Group

Structure

```
<lido:actor lido:type="Maker_Type">  
  Maker_Identifier  
  <lido:nameActorSet>  
    Maker_Display_Name  
    Maker_Sort_Name  
  
  <lido:vitalDatesActor>  
    Maker_Earliest_Date  
    Maker_Latest_Date
```

Maker Identifier

Description

An identifier in a controlled terminology for the maker being described.

Unit ID

Maker_Identifier

Examples

- <https://data.ng-london.org.uk/0Q3F-0001-0000-0000>
- <http://vocab.getty.edu/ulan/500031075>
- <https://www.wikidata.org/entity/Q47551>

How to record

Authority

actorID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

actorID @pref

any numeric URI from [LIDO Terminology: pref](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in actorID @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/lido:actorID/  
text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/lido:actorID/  
text()
```

Export

Context

[Maker Identification Group](#)

Structure

```
<lido:actorID lido:type="Identifier_Type">
```

Maker Display Name

Description

The name of the maker being described, in a form suitable for display (i.e. in normal order).

Unit ID

Maker_Display_Name

Examples

- Titian
- Eugène Delacroix
- John Smith
- BBC
- Inuit

How to record

Authority

appellationValue @label
appellationValue @pref

only one value is permitted: display name
any numeric URI from [LIDO Terminology: pref](#)

Cardinality

nameActorSet
appellationValue

1-n
1-n; if a [Maker Identification Group](#) is given, then either [Maker Display Name](#) or [Maker Sort Name](#) or both must be included

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 1-n)
- controlled terminology in appellationValue @label (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:nameActorSet/lido:appellationValue[@lido:label='display name']/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:nameActorSet/lido:appellationValue[@lido:label='display name']/text()
```

Export

Context

Structure

<lido:appellationValue lido:label="display name">

Maker Sort Name

Description

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).

Unit ID

Maker_Sort_Name

Examples

- Titian
- Delacroix, Eugène
- Smith, John
- BBC
- Inuit

How to record

Authority

appellationValue @label
appellationValue @pref

only one value is permitted: sort name
any numeric URI from [LIDO Terminology: pref](#)

Cardinality

nameActorSet
appellationValue

1-n
1-n; if a [Maker Identification Group](#) is given, then either [Maker Display Name](#) or [Maker Sort Name](#) or both must be included

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 1-n)
- controlled terminology in appellationValue @label (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:nameActorSet/lido:appellationValue[@lido:label='sort name']/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:nameActorSet/lido:appellationValue[@lido:label='sort name']/text()
```

Export

Context

Maker Identification Group

Structure

```
<lido:appellationValue lido:label="sort name">
```

Maker Earliest Date

Description

The earliest recorded date for the maker being described, often their date of birth.

Unit ID

Maker_Earliest_Date

Examples

- active about 1506
- 1445

How to record

Authority

It is recommended that dates be formatted according to ISO 8601.¹⁰

Cardinality

vitalDatesActor	0-1
earliestDate	0-1

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:vitalDatesActor/lido:earliestDate/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
```

¹⁰ For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/
lido:vitalDatesActor/lido:earliestDate/text()

Export

Context

Maker Identification Group

Structure

<lido:earliestDate>

Maker Latest Date

Description

The latest recorded date for the maker being described, often their date of death.

Unit ID

Maker_Latest_Date

Examples

- died 1576
- 1510

How to record

Authority

It is recommended that dates be formatted according to ISO 8601.¹¹

Cardinality

vitalDatesActor	0-1
latestDate	0-1

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:vitalDatesActor/lido:latestDate/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/  
lido:vitalDatesActor/lido:latestDate/text()
```

¹¹ For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

Export

Context

Maker Identification Group

Structure

<lido:latestDate>

Maker Role Group

Description

Containing element for the role taken by the maker being described, with regard to the object in question, expressed as one or more keywords, optionally accompanied by one or more identifiers. If more than one role is allocated, each role should be placed in a separate Maker Role Group.

Unit ID

Maker_Role_Group

How to record

Cardinality

0-n

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor
```

Export

Context

Maker Group

Structure

```
<lido:roleActor>  
  Maker_Role_Identifier  
  Maker_Role_Keyword
```

Maker Role Identifier

Description

An identifier in a controlled terminology for the role taken by the maker being described, with regard to the object in question.

Unit ID

Maker_Role_Identifier

Examples

- <http://vocab.getty.edu/aat/300025103>
- <http://vocab.getty.edu/aat/300025643>

How to record

Authority

conceptID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

conceptID @pref
otherwise

any numeric URI from [LIDO Terminology: pref](#)
use of a controlled vocabulary is recommended
but not mandated

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

- controlled terminology in @type (LIDO: various values allowed)
- controlled terminology in @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor/  
lido:conceptID/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor/  
lido:conceptID/text()
```

Export

Context

[Maker Role Group](#)

Structure

<lido:conceptID lido:type="Identifier_Type">

Maker Role Keyword

Description

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.

Unit ID

Maker_Role_Keyword

Examples

- artist
- engraver
- preparator

How to record

Authority

term @pref
otherwise

any numeric URI from [LIDO Terminology: pref](#)
use of a controlled vocabulary is recommended
but not mandated

Cardinality

1-n

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor/  
lido:term/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:roleActor/  
lido:term/text()
```

Export

Context
Maker Role Group

Structure

<lido:term>

Attribution Qualifier

Description

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.)

Unit ID

Attribution_Qualifier

Examples

- possibly by
- attributed to
- and workshop

How to record

Cardinality

0-n

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/  
lido:attributionQualifierActor/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/  
lido:attributionQualifierActor/text()
```

Export

Context
Maker Group

Structure

<lido:attributionQualifierActor>

Production Date Group

Description

Wrapper for information relating to the date of the object's production, creation, or a similar event.

Unit ID

Production_Date_Group

How to record

Cardinality

0-1

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate
```

Export

Context

Object Production Group

Structure

```
<lido:eventDate>  
  Display_Production_Date  
  <lido:date>  
    Earliest_Production_Date  
    Latest_Production_Date
```

Display Production Date

Description

A production date expressed in words or numbers (but not including periods, for which see below).

Unit ID

Display_Production_Date

Examples

- 1520-3
- 3rd October 2018
- 1965
- 1950
- 18thC
- before 1758
- 580BCE
- circa mid 6th to early 7th century

How to record

Cardinality

0-n; but if a date is given, then either [Display Production Date](#), or [Earliest Production Date](#) and [Latest Production Date](#), or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:displayDate/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:displayDate/text()
```

Export

Context

[Production Date Group](#)

Structure

```
<lido:displayDate>
```

Earliest Production Date

Description

The earliest possible production date for the object, expressed in numbers only.

Unit ID

Earliest_Production_Date

Examples

- 1520
- 2018-10-03
- 1965
- -579

How to record

Authority

Use the proleptic Gregorian calendar; dates must be formatted in accordance with ISO 8601.¹²

Cardinality

0-1; but if a date is given, then either [Display Production Date](#), or [Earliest Production Date](#) and [Latest Production Date](#), or both must be included.

Content type

character data: string

Divergence from LIDO

restricted format (LIDO: various formats allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:date/lido:earliestDate/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:date/lido:earliestDate/text()
```

Export

Context

[Production Date Group](#)

Structure

```
<lido:earliestDate>
```

¹² For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

Latest Production Date

Description

The latest possible production date for the object, expressed in numbers only.

Unit ID

Latest_Production_Date

Examples

- 1523
- 2018-12-07
- 1967
- -575

How to record

Authority

Use the proleptic Gregorian calendar; dates must be formatted in accordance with ISO 8601.¹³

Cardinality

0-1; but if a date is given, then either [Display Production Date](#), or [Earliest Production Date](#) and [Latest Production Date](#), or both must be included.

Content type

character data: string

Divergence from LIDO

restricted format (LIDO: various formats allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:date/lido:latestDate/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventDate/lido:date/lido:latestDate/text()
```

Export

Context

[Production Date Group](#)

Structure

```
<lido:latestDate>
```

¹³ For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

Production Period Group

Description

Containing element for the production date expressed using the name of a period, expressed as one or more keywords, optionally accompanied by one or more identifiers. If more than one period is allocated, each period should be placed in a separate Production Period Group.

Unit ID

Production_Period_Group

How to record

Cardinality

0-n

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName
```

Export

Context

Object Production Group

Structure

```
<lido:periodName>  
  Production_Period_Identifier  
  Production_Period_Keyword
```

Production Period Identifier

Description

An identifier in a controlled terminology for the production date expressed using the name of a period.

Unit ID

Production_Period_Identifier

Examples

- <https://data.ng-london.org.uk/0F5F-0008-0000-0000>
- <http://vocab.getty.edu/aat/300021142>

How to record

Authority

conceptID @type

any numeric URI from [LIDO Terminology: identifier_type](#)

conceptID @pref

any numeric URI from [LIDO Terminology: pref](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName/lido:conceptID/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName/lido:conceptID/text()
```

Export

Context

[Production Period Group](#)

Structure

```
<lido:conceptID lido:type="Identifier_Type">
```

Production Period Keyword

Description

A production date expressed using the name of a period.

Unit ID

Production_Period_Keyword

Examples

- High Renaissance

How to record

Authority

term @pref any numeric URI from [LIDO Terminology: pref](#)

Cardinality

1-n

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName/lido:term/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:periodName/lido:term/text()
```

Export

Context

[Production Period Group](#)

Structure

```
<lido:term>
```

Loan Assessment Group

Description

Information about the object's requirements, resulting from an assessment prior to its loan.

Unit ID

Loan_Assessment_Group

How to record

Authority

conceptID	only one value is permitted: http://terminology.lido-schema.org/lido00795 ¹⁴
conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ¹⁵
term	only one value is permitted: Object loan assessment

Cardinality

eventSet	0-n
event	0-1
eventType	1
conceptID	1
term	1

Content type

element

Divergence from LIDO

- cardinality conceptID (LIDO: 0-n)
- controlled vocabulary conceptID (LIDO: various values allowed)
- controlled vocabulary conceptID @pref (LIDO: various values allowed)
- cardinality term (LIDO: 0-n)
- controlled vocabulary term (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']
```

Export

Context

Object Metadata

Structure

```
<lido:eventSet>  
  <lido:event>  
    <lido:eventType>  
      <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://terminology.lido-schema.org/eventType/lido00795  
    <lido:term>Object loan assessment
```

Value_Group
InsuranceIndemnity

¹⁴ Numeric URI for LIDO Terminology term 'Object loan assessment'.

¹⁵ Numeric URI for LIDO Terminology term 'URI'

Value Group

Description

Containing element for information specifying the value of the object.

Unit ID

Value_Group

How to record

Authority

eventObjectMeasurements @type	only one value is permitted: http://terminology.lido-schema.org/lido00927 ¹⁶
eventObjectMeasurements @measurementsGroup	only one value is permitted: http://vocab.getty.edu/aat/300435426 ¹⁷
conceptID	only one value is permitted: http://vocab.getty.edu/aat/300412096 ¹⁸
conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ¹⁹

Cardinality

0-n

Content type

element

Divergence from LIDO

- controlled vocabulary in eventObjectMeasurements @type (LIDO: multiple values allowed)
- controlled vocabulary in eventObjectMeasurements @measurementsGroup (LIDO: multiple values allowed)
- controlled vocabulary in conceptID (LIDO: multiple values allowed)
- controlled vocabulary in conceptID @type (LIDO: multiple values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']
```

¹⁶ Numeric URI for LIDO Terminology term 'Measurement object proper'.

¹⁷ URI for AAT term 'valuation note'.

¹⁸ URI for AAT term 'valuation'.

¹⁹ Numeric URI for LIDO Terminology term 'URI'.

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']
```

Export

Context

Loan Assessment Group

Structure

```
<lido:eventObjectMeasurements lido:type="http://terminology.lido-  
schema.org/lido00927" lido:measurementsGroup="http://vocab.getty.edu/aat/  
300435426">  
  <lido:objectMeasurements>  
    <lido:measurementsSet>  
      <lido:measurementType>  
        <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300412096
```

Value_Currency
Value

Value Currency

Description

The ISO 4217 alphabetic code for the currency in which the valuation was made.

Unit ID

Value_Currency

Examples

- GBP
- USD
- EUR

How to record

Authority

Only alphabetic codes from ISO 4217 are permitted.²⁰

²⁰ For an introduction, see https://en.wikipedia.org/wiki/ISO_4217.

Cardinality

0-n; but for each [Value](#), there must be a corresponding [Value Currency](#).

Content type

character data: string

Divergence from LIDO

controlled terminology (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']/lido:measurementUnit/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']/lido:measurementUnit/text()
```

Export

Context

[Value Group](#)

Structure

```
<lido:measurementUnit>
```

Value

Description

The value ascribed by the lending institution for the purpose of insurance or indemnity.

Unit ID

Value

Examples

- 1.00
- 100.00
- 10000

- 2600000

How to record

Cardinality

0-n; but for each [Value](#), there must be a corresponding [Value Currency](#).

Content type

character data: floating point

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00795']/lido:eventObjectMeasurements[@lido:type = 'http://  
terminology.lido-schema.org/lido00927' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300435426']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300412096']/lido:measurementValue/text()
```

Export

Context

[Value Group](#)

Structure

```
<lido:measurementValue>
```

Insurance/Indemnity

Description

Any insurance or indemnity required. Not any that is in place.

Unit ID

InsuranceIndemnity

Examples

- The Objects shall be at the Borrower's risk at all times during the Risk Period and the Borrower shall at its own cost throughout the Risk Period arrange for the Objects to be covered nail to nail either by: Government Indemnity on terms approved by the Lenders; or an all risks commercial insurance policy

(including terrorism in situ and in transit and negligence or other wrongful act of any party except for the Lenders' employees) in the amount of the Agreed Value without excess and naming the Lenders as the assured and sole loss payee under the policy and with an insurer approved by the Lenders. The Borrower shall provide an English language copy of the full insurance policy and/or Government Indemnity wording for approval by the NG Registrar at least three (3) months in advance of the Exhibition opening date. The Borrower shall provide the Lenders with the final insurance and/or Government Indemnity certificate and final policy wording four (4) weeks in advance of the commencement of the Risk Period.

- National agreement
- GIS
- full cover required

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/insurance-or-indemnity-requirements> ²¹

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00795']/lido:eventDescriptionSet[@lido:type='http://purl.org/
spectrum/units/insurance-or-indemnity-requirements']/
lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00795']/lido:eventDescriptionSet[@lido:type='http://purl.org/
spectrum/units/insurance-or-indemnity-requirements']/
lido:descriptiveNoteValue/text()
```

Export

Context

Loan Assessment Group

Structure

²¹ PURL for Spectrum candidate unit of information 'insurance or indemnity requirements'.

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/insurance-or-indemnity-requirements">
  <lido:descriptiveNoteValue>
```

Condition Of Object

Description

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.

Unit ID

Condition_Of_Object

Examples

- good
- 2
- 2: fair
- ok to loan

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/condition-note> ²²

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00795']/lido:eventDescriptionSet[@lido:type='http://purl.org/
spectrum/units/condition-note']/lido:descriptiveNoteValue/text()
```

XPath object

²² PURL for Spectrum unit of information 'condition note'.


```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00795']/lido:eventDescriptionSet[@lido:type='http://purl.org/
spectrum/units/condition-note']/lido:descriptiveNoteValue/text()
```

Export

Context

Loan Assessment Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/
condition-note">
  <lido:descriptiveNoteValue>
```

Object Move Requirements Group

Description

Containing element for information about the object's requirements when being moved.

Unit ID

Object_Move_Requirements_Group

How to record

Authority

conceptID	only one value is permitted: http://terminology.lido-schema.org/lido00793 ²³
conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ²⁴
conceptID @pref term	any numeric URI from LIDO terminology: pref ²⁵ only one value is permitted: Object move assessment
term @pref	any numeric URI from LIDO terminology: pref ²⁶

Cardinality

eventSet	0-n
event	0-1
eventType	1
conceptID	1
term	1

Content type

element

²³ Numeric URI for LIDO Terminology term 'Object move assessment'.

²⁴ Numeric URI for LIDO Terminology term 'URI'.

²⁵ @pref will be ignored by importers, because only one term is permissible here in EODEM.

²⁶ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Divergence from LIDO

- cardinality conceptID (LIDO: 0-n)
- controlled terminology in conceptID (LIDO: various values allowed)
- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)
- cardinality term (LIDO: 0-n)
- controlled terminology in term (LIDO: various values allowed)
- controlled terminology in term @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/  
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://  
terminology.lido-schema.org/lido00793']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/  
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/  
lido00793']
```

Export

Context

Object Metadata

Structure

```
<lido:eventSet>  
  <lido:event>  
    <lido:eventType>  
      <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://terminology.lido-schema.org/lido00793  
      <lido:term>Object move assessment
```

Handling
Transport
Condition_Checking
Hazards

Handling

Description

Any instructions or requirements for the handling of the item.

Unit ID

Handling

Examples

- The Borrower shall ensure that any person used to move the Painting shall have experience in the handling of works of art; that the Painting is kept

vertical at all times; that a minimum of four people are used to move the Painting; that no mechanical aids are used when moving the Painting.

- gloves
- no cotton gloves
- heavy lifting equipment required

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/handling-recommendations> ²⁷

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/handling-recommendations']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/handling-recommendations']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Move Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/handling-  
recommendations">  
  <lido:descriptiveNoteValue>
```

Transport

²⁷ PURL for Spectrum unit of information 'handling recommendations'.

Description

Any instructions or requirements for the transportation of the item, including its security whilst in transit.

Unit ID

Transport

Examples

- The Borrower shall ensure that the appointment of Fine Art transport agents and the arrangements for transport, unpacking and repacking of the Paintings are approved in advance by the NG Registrar. The Borrower shall ensure that any transport company used to move the Paintings shall have experience in the transport of works of art with employees trained in the handling of such material and in dealing with port procedures, Customs & Excise, import, export formalities and documentation. The Borrower shall ensure that each vehicle used to transport the Paintings and Courier by road: is manned by two drivers experienced in handling works of art and capable of dealing effectively with an emergency situation; is equipped with a seat (with seat belt, headrest and adequate legroom) for the Courier; or, if there is no space in a vehicle for the Courier, that the Courier travels in a follow car which is equipped with mobile radio/telephone which can communicate directly with the truck drivers.
- 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

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/shipping-note> ²⁸

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/shipping-note']/lido:descriptiveNoteValue/text()
```

²⁸ PURL for Spectrum unit of information 'shipping note'.

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/shipping-note']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Move Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/shipping-  
note">  
  <lido:descriptiveNoteValue>
```

Condition Checking

Description

Any instructions or requirements for the condition-checking of the item.

Unit ID

Condition_Checking

Examples

- The NG shall prepare condition reports for the Paintings.
- must be condition-checked by an accredited conservator upon unpacking and re-packing

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/condition-checking-requirements>
29

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

29 PURL for Spectrum candidate unit of information 'condition checking requirements'.

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/condition-checking-requirements']/lido:descriptiveNoteValue/  
text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/condition-checking-requirements']/lido:descriptiveNoteValue/  
text()
```

Export

Context

Object Move Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/  
condition-checking-requirements">  
  <lido:descriptiveNoteValue>
```

Hazards

Description

Any hazards posed by the item to persons. Not any hazard to the item. May also include mitigating actions.³⁰

Unit ID

Hazards

Examples

- Heavy (> 100 kg)
- poisonous
- radioactive
- sharp edges – heavy gloves to be worn when handling

How to record

Authority

³⁰ Data is relevant to both a 'display' and a 'move of object' event, but EODEM only maps it to 'move of object'.

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/hazards-note> ³¹

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/hazards-note']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00793']/lido:eventDescriptionSet[@lido:type='http://purl.org/  
spectrum/units/hazards-note']/lido:descriptiveNoteValue/text()
```

Export

Context

[Object Move Requirements Group](#)

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/hazards-  
note">  
  <lido:descriptiveNoteValue>
```

Object Display Requirements Group

Description

Containing element for information about the object's requirements when on display (or in temporary storage).

Unit ID

Object_Display_Requirements_Group

How to record

³¹ PURL for Spectrum unit of information 'hazards note'.

Authority

conceptID	only one value is permitted: http://terminology.lido-schema.org/lido00794 ³²
conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ³³
conceptID @pref term	any numeric URI from LIDO terminology: pref ³⁴ only one value is permitted: Object display assessment
term @pref	any numeric URI from LIDO terminology: pref ³⁵

Cardinality

eventSet	0-n
event	0-1
eventType	1
conceptID	1
term	1

Content type

element

Divergence from LIDO

- cardinality conceptID (LIDO: 0-n)
- controlled terminology in conceptID (LIDO: various values allowed)
- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)
- cardinality term (LIDO: 0-n)
- controlled terminology in term (LIDO: various values allowed)
- controlled terminology in term @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/  
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://  
terminology.lido-schema.org/lido00794']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/  
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/  
lido00794']
```

Export

Context

Object Metadata

Structure

```
<lido:eventSet>  
  <lido:event>  
    <lido:eventType>
```

³² Numeric URI for LIDO Terminology term 'Object display assessment'.

³³ Numeric URI for LIDO Terminology term 'URI'.

³⁴ @pref will be ignored by importers, because only one term is permissible here in EODEM.

³⁵ @pref will be ignored by importers, because only one term is permissible here in EODEM.

<lido:conceptID lido:type="http://terminology.lido-schema.org/lido00099">http://terminology.lido-schema.org/lido00794
<lido:term>Object display assessment

Temperature_Requirements_Group
Relative_Humidity_Requirements_Group
Visible_Light_Exposure_Requirements_Group
Ultraviolet_Light_Exposure_Requirements_Group
Installation_Method
Display_Method
Security
Photography_And_Filming

Temperature Requirements Group

Description

Containing element for temperature requirements for the object while it is on display (or in temporary storage).

Unit ID

Temperature_Requirements_Group

How to record

Authority

@type only one value is permitted: <http://terminology.lido-schema.org/lido00923> ³⁶
@measurementsGroup only one value is permitted: <http://vocab.getty.edu/aat/300056066>

Cardinality

0-n

Content type

element

Divergence from LIDO

- controlled terminology in @type (LIDO: various values allowed)
- controlled terminology in @measurementGroup (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']
```

³⁶ Numeric URI for LIDO Terminology term 'Measurement object requirement'.

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventObjectMeasurements lido:type="http://terminology.lido-  
schema.org/lido00923" lido:measurementsGroup="http://vocab.getty.edu/aat/  
300056066">  
  Temperature_Requirements_Text  
  Temperature_Requirements_Measurements_Group
```

Temperature Requirements Text

Description

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.

Unit ID

Temperature_Requirements_Text

Examples

- 16-25°C ± 1.5°C over 24 hours if the object is installed in a room equipped with an operating Heating Ventilation and Air-Conditioning (HVAC) system
- 17.5-23.5°C ± 3°C over 24 hours if the object is not installed in a room equipped with an operating Heating Ventilation and Air-Conditioning (HVAC) system
- 18°C-22°C

How to record

Cardinality

0-1; but if temperature requirements are given, then either [Temperature Requirements Text](#) or [Temperature Requirements Measurements Group](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:displayObjectMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:displayObjectMeasurements/text()
```

Export

Context

Temperature Requirements Group

Structure

```
<lido:displayObjectMeasurements>
```

Temperature Requirements Measurements Group

Description

Containing element for temperature requirements measurements.

Unit ID

Temperature_Requirements_Measurements_Group

How to record

Cardinality

0-1; but if temperature requirements are given, then either [Temperature Requirements Text](#) or [Temperature Requirements Measurements Group](#) or both must be included.

Content type

element

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements
```

Export

Context

Temperature Requirements Group

Structure

```
<lido:objectMeasurements>  
  Target_Minimum_Temperature  
  Target_Maximum_Temperature  
  Maximum_Temperature_Variation  
  Minimum_Temperature_Variation_Period
```

Target Minimum Temperature

Description

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](#) units of information.

Unit ID

Target_Minimum_Temperature

Examples

- 16
- 17.5

How to record

Authority

measurementType >
conceptID

only one value is permitted: [http://
vocab.getty.edu/aat/300443984](http://vocab.getty.edu/aat/300443984) ³⁷

measurementType >
conceptID @type

only one value is permitted: [http://
terminology.lido-schema.org/lido00099](http://terminology.lido-schema.org/lido00099)

³⁷ URI for AAT term 'minimum'.

measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ³⁸
measurementType > term	only one value is permitted: minimum
measurementUnit	only one value is permitted: °C

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443984']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443984']/lido:measurementValue/text()
```

Export

Context

[Temperature Requirements Measurements Group](#)

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
```

³⁸ @pref will be ignored by importers, because only one term is permissible here in EODEM.

```
<lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://vocab.getty.edu/aat/300443984
<lido:term>minimum
```

```
<lido:measurementUnit>°C
<lido:measurementValue>
```

Target Maximum Temperature

Description

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](#) units of information.

Unit ID

Target_Maximum_Temperature

Examples

- 25
- 23.5

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443983 ³⁹
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁴⁰
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁴¹
measurementType > term	only one value is permitted: maximum
measurementUnit	only one value is permitted, °C

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)

³⁹ URI for AAT term 'maximum'.

⁴⁰ Numeric URI for LIDO Terminology term 'URI'.

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

- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443983']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443983']/lido:measurementValue/text()
```

Export

Context

Temperature Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://vocab.getty.edu/aat/300443983
    <lido:term>maximum

  <lido:measurementUnit>°C
  <lido:measurementValue>
```

Maximum Temperature Variation

Description

The maximum permissible variation in temperature (\pm °C).

Unit ID

Maximum_Temperature_Variation

Examples

- 1.5
- 3

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443559 ⁴²
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁴³
measurementType > term	only one value is permitted: temperature fluctuation
measurementUnit	only one value is permitted: ± °C

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443559']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443559']/lido:measurementValue/text()
```

Export

⁴² URI for AAT term 'temperature fluctuation'.

⁴³ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Context

Temperature Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
      lido00099">http://vocab.getty.edu/aat/300443559
    <lido:term>temperature fluctuation

  <lido:measurementUnit>± °C
  <lido:measurementValue>
```

Minimum Temperature Variation Period

Description

The minimum period over which the maximum permissible variation may occur, in hours.

Unit ID

Minimum_Temperature_Variation_Period

Examples

24

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443981 ⁴⁴
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁴⁵
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁴⁶
measurementType > term	only one value is permitted: duration
measurementUnit	only one value is permitted: h

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

⁴⁴ URI for AAT term 'duration'.

⁴⁵ Numeric URI for LIDO Terminology term 'URI'.

⁴⁶ @pref will be ignored by importers, because only one term is permissible here in EODEM.

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443981']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056066']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443981']/lido:measurementValue/text()
```

Export

Context

Temperature Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://vocab.getty.edu/aat/300443981
    <lido:term>duration

  <lido:measurementUnit>h
  <lido:measurementValue>
```

Relative Humidity Requirements Group

Description

Containing element for relative humidity requirements for the object while it is on display (or in temporary storage).

Unit ID

Relative_Humidity_Requirements_Group

How to record

Authority

@type

only one value is permitted: <http://terminology.lido-schema.org/lido00923> ⁴⁷

@measurementsGroup

only one value is permitted: <http://vocab.getty.edu/aat/300192097> ⁴⁸

Cardinality

0-n

Content type

element

Divergence from LIDO

- controlled terminology in @type (LIDO: various values allowed)
- controlled terminology in @measurementGroup (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventObjectMeasurements lido:type="http://terminology.lido-  
schema.org/lido00923" lido:measurementsGroup="http://vocab.getty.edu/aat/  
300192097">
```

[Relative_Humidity_Requirements_Text](#)

[Relative_Humidity_Requirements_Measurements_Group](#)

⁴⁷ Numeric URI for LIDO Terminology term 'Measurement object requirement'.

⁴⁸ URI for AAT term 'relative humidity'.

Relative Humidity Requirements Text

Description

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.

Unit ID

Relative_Humidity_Requirements_Text

Examples

- 50-60% ± 5% over 24 hours if the object is installed in a room equipped with an operating Heating Ventilation and Air-Conditioning (HVAC) system
- 40%-65%

How to record

Cardinality

0-1; but if relative humidity requirements are given, then either [Relative Humidity Requirements Text](#) or [Relative Humidity Requirements Measurements Group](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300192097']/  
lido:displayObjectMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300192097']/  
lido:displayObjectMeasurements/text()
```

Export

Context

[Relative Humidity Requirements Group](#)

Structure

<lido:displayObjectMeasurements>

Relative Humidity Requirements Measurements Group

Description

Containing element for relative humidity requirements measurements.

Unit ID

Relative_Humidity_Requirements_Measurements_Group

How to record

Cardinality

0-1; but if relative humidity requirements are given, then either [Relative Humidity Requirements Text](#) or [Relative Humidity Requirements Measurements Group](#) or both must be included.

Content type

element

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements
```

Export

Context

[Relative Humidity Requirements Group](#)

Structure

```
<lido:objectMeasurements>  
  Target_Minimum_Relative_Humidity  
  Target_Maximum_Relative_Humidity
```

Target Minimum Relative Humidity

Description

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](#) units of information.

Unit ID

Target_Minimum_Relative_Humidity

Examples

- 50
- 45

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443984 ⁴⁹
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁵⁰
measurementType > conceptID @pref	any numeric URI from LIDO Terminology : pref ⁵¹
measurementType > term	only one value is permitted: minimum
measurementUnit	only one value is permitted: %

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)

⁴⁹ URI for AAT term 'minimum'.

⁵⁰ Numeric URI for LIDO Terminology term 'URI'.

⁵¹ @pref will be ignored by importers, because only one term is permissible here in EODEM.

- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443984']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443984']/lido:measurementValue/text()
```

Export

Context

Relative Humidity Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://vocab.getty.edu/aat/300443984
    <lido:term>minimum

  <lido:measurementUnit>%
  <lido:measurementValue>
```

Target Maximum Relative Humidity

Description

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](#) units of information.

Unit ID

Target_Maximum_Relative_Humidity

Examples

- 60
- 65

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443983 ⁵²
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁵³
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁵⁴
measurementType > term	only one value is permitted: maximum
measurementUnit	only one value is permitted: %

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443983']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443983']/lido:measurementValue/text()
```

Export

⁵² URI for AAT term 'maximum'.

⁵³ Numeric URI for LIDO Terminology term 'URI'.

⁵⁴ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Context

Relative Humidity Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
      lido00099">http://vocab.getty.edu/aat/300443983
    <lido:term>maximum

  <lido:measurementUnit>%
  <lido:measurementValue>
```

Maximum Relative Humidity Variation

Description

The maximum permissible variation in relative humidity (\pm %).

Unit ID

Maximum_Relative_Humidity_Variation

Examples

- 5
- 10

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443985 ⁵⁵
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁵⁶
measurementType > conceptID @pref term	any numeric URI from LIDO Terminology: pref ⁵⁷
measurementUnit	only one value is permitted: relative humidity fluctuation
measurementUnit	only one value is permitted: \pm %

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

⁵⁵ URI for AAT term 'relative humidity fluctuation'.

⁵⁶ Numeric URI for LIDO Terminology term 'URI'.

⁵⁷ @pref will be ignored by importers, because only one term is permissible here in EODEM.

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443985']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://
vocab.getty.edu/aat/300443985']/lido:measurementValue/text()
```

Export

Context

Relative Humidity Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
lido00099">http://vocab.getty.edu/aat/300443985
    <lido:term>relative humidity fluctuation

  <lido:measurementUnit>± %
  <lido:measurementValue>
```

Minimum Relative Humidity Variation Period

Description

The minimum period over which the maximum permissible variation may occur, in hours.

Unit ID

Minimum_Relative_Humidity_Variation_Period

Examples

- 24
- 2040

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443981 ⁵⁸
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁵⁹
measurementType > term	only one value is permitted: duration
measurementUnit	only one value is permitted: h

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300192097']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443981']/lido:measurementValue/text()
```

⁵⁸ URI for AAT term 'duration'.

⁵⁹ @pref will be ignored by importers, because only one term is permissible here in EODEM.

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300192097']/  
lido:objectMeasurements/lido:measurementsSet[lido:measurementType/  
lido:conceptID/text()='http://vocab.getty.edu/aat/300443981']/  
lido:measurementValue/text()
```

Export

Context

Relative Humidity Requirements Measurements Group

Structure

```
<lido:measurementsSet>  
  <lido:measurementType>  
    <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300443981  
    <lido:term>duration  
  
  <lido:measurementUnit>h  
  <lido:measurementValue>
```

Visible Light Exposure Requirements Group

Description

Containing element for visible light exposure requirements for the object while it is on display (or in temporary storage).

Unit ID

Visible_Light_Exposure_Requirements_Group

How to record

Authority

@type	only one value is permitted: http://terminology.lido-schema.org/lido00923 ⁶⁰
@lido:measurementsGroup	only one value is permitted: http://vocab.getty.edu/aat/300056024 ⁶¹

Cardinality

0-n

⁶⁰ Numeric URI for LIDO Terminology term 'Measurement object requirement'.

⁶¹ URI for AAT term 'light (energy)'.

Content type

element

Divergence from LIDO

- controlled terminology in @type (LIDO: various values allowed)
- controlled terminology in @measurementGroup (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056024']
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056024']
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventObjectMeasurements lido:type="http://terminology.lido-  
schema.org/lido00923" lido:measurementsGroup="http://vocab.getty.edu/aat/  
300056024">
```

[Visible_Light_Exposure_Requirements_Text](#)

[Visible_Light_Exposure_Requirements_Measurements_Group](#)

Visible Light Exposure Requirements Text

Description

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.

Unit ID

Visible_Light_Exposure_Requirements_Text

Examples

- 225 lux (no more than 12,600 lux hours per week)
- <50 lux
- 150 lux

- max 30 footcandles

How to record

Cardinality

0-1; but if visible light exposure requirements are given, then either [Visible Light Exposure Requirements Text](#) or [Visible Light Exposure Requirements Measurements Group](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/  
lido:displayObjectMeasurements/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/  
lido:displayObjectMeasurements/text()
```

Export

Context

[Visible Light Exposure Requirements Group](#)

Structure

```
<lido:displayObjectMeasurements>
```

Visible Light Exposure Requirements Measurements Group

Description

Containing element for visible light exposure requirements measurements.

Unit ID

Visible_Light_Exposure_Requirements_Measurements_Group

How to record

Cardinality

0-1; but if visible light exposure requirements are given, then either [Visible Light Exposure Requirements Text](#) or [Visible Light Exposure Requirements Measurements Group](#) or both must be included.

Content type

element

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/  
lido:objectMeasurements
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056024']/lido:objectMeasurements
```

Export

Context

[Visible Light Exposure Requirements Group](#)

Structure

```
<lido:objectMeasurements>  
  Maximum_Visible_Light_Exposure  
  Maximum_Cumulative_Visible_Light_Exposure  
  Maximum_Cumulative_Visible_Light_Exposure_Duration
```

Maximum Visible Light Exposure

Description

The maximum permissible visible light exposure (in lux).

Unit ID

Maximum_Visible_Light_Exposure

Examples

- 225
- 40

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300266203 ⁶²
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁶³
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁶⁴
measurementType > term	only one value is permitted: illuminance
measurementUnit	only one value is permitted: lx

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/
lido:objectMeasurements/lido:measurementsSet[lido:measurementType/
lido:conceptID/text()='http://vocab.getty.edu/aat/300266203']/
lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300056024']/lido:objectMeasurements/
```

⁶² URI for AAT term 'illuminance'.

⁶³ Numeric URI for LIDO Terminology term 'URI'.

⁶⁴ @pref will be ignored by importers, because only one term is permissible here in EODEM.

lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://vocab.getty.edu/aat/300266203']/lido:measurementValue/text()

Export

Context

Visible Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
      lido00099">http://vocab.getty.edu/aat/300266203
    <lido:term>illuminance

  <lido:measurementUnit>lx
  <lido:measurementValue>
```

Maximum Cumulative Visible Light Exposure

Description

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 Visible Light Exposure Duration](#) to produce a daily allowance.

Unit ID

Maximum_Cumulative_Visible_Light_Exposure

Examples

- 12600
- 650000

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443982 ⁶⁵
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁶⁶
measurementType > conceptID @pref	any numeric URI from LIDO Terminology : pref ⁶⁷
measurementType > term	only one value is permitted: exposure (functional concept)
measurementUnit	only one value is permitted: lx·h

⁶⁵ URI for AAT term 'exposure (functional concept)'.
⁶⁶ Numeric URI for LIDO Terminology term 'URI'.
⁶⁷ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/  
lido:objectMeasurements/lido:measurementsSet[lido:measurementType/  
lido:conceptID/text()='http://vocab.getty.edu/aat/300443982']/  
lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056024']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443982']/lido:measurementValue/text()
```

Export

Context

Visible Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>  
  <lido:measurementType>  
    <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300443982  
    <lido:term>exposure (functional concept)  
  
  <lido:measurementUnit>lx.h  
  <lido:measurementValue>
```

Maximum Cumulative Visible Light Exposure Duration

Description

The period over which the maximum cumulative visible light exposure may be accumulated (in days).

Unit ID

Maximum_Cumulative_Visible_Light_Exposure_Duration

Examples

- 7
- 365

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443981 ⁶⁸
measurementType > conceptID @type	>only one value is permitted: http://terminology.lido-schema.org/lido00099
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁶⁹
measurementType > term	only one value is permitted: duration
measurementUnit	only one value is permitted: d

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

⁶⁸ URI for AAT term 'duration'.

⁶⁹ @pref will be ignored by importers, because only one term is permissible here in EODEM.

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300056024']/  
lido:objectMeasurements/lido:measurementsSet[lido:measurementType/  
lido:conceptID/text()='http://vocab.getty.edu/aat/300443981']/  
lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300056024']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/lido:conceptID/text() = 'http://  
vocab.getty.edu/aat/300443981']/lido:measurementValue/text()
```

Export

Context

Visible Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>  
  <lido:measurementType>  
    <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300443981  
    <lido:term>duration  
  
  <lido:measurementUnit>d  
  <lido:measurementValue>
```

Ultraviolet Light Exposure Requirements Group

Description

Containing element for ultraviolet light exposure requirements for the object while it is on display (or in temporary storage).

Unit ID

Ultraviolet_Light_Exposure_Requirements_Group

How to record

Authority

@type	only one value is permitted: http://terminology.lido-schema.org/lido00923 ⁷⁰
@measurementsGroup	only one value is permitted: http://vocab.getty.edu/aat/300443983 ⁷¹

Cardinality

0-n

Content type

element

Divergence from LIDO

- controlled terminology in @type (LIDO: various values allowed)
- controlled terminology in @measurementGroup (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/ text()='http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300443983']
```

XPath object

```
lido:descriptiveMetadata/ lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300443983']
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventObjectMeasurements lido:type="http://terminology.lido-
schema.org/lido00923" lido:measurementsGroup="http://vocab.getty.edu/aat/
300056056">
  Ultraviolet_Light_Exposure_Requirements_Text
  Ultraviolet_Light_Exposure_Requirements_Measurements_Group
```

Ultraviolet Light Exposure Requirements Text

Description

⁷⁰ Numeric URI for LIDO Terminology term 'Measurement object requirement'.

⁷¹ URI for AAT term 'ultraviolet radiation'.

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

Unit ID

Ultraviolet_Light_Exposure_Requirements_Text

Examples

- maximum 75 $\mu\text{W}/\text{lm}$ below 380 nm
- No radiation below 380 nm in wavelength
- 10 $\mu\text{W}/\text{lm}$ below 380 nm

How to record

Cardinality

0-1; but if visible light exposure requirements are given, then either [Ultraviolet Light Exposure Requirements Text](#) or [Ultraviolet Light Exposure Requirements Measurements Group](#) or both must be included.

Content type

character data: string

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/ text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:displayObjectMeasurements/text()
```

XPath object

```
lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:displayObjectMeasurements/text()
```

Export

Context

[Ultraviolet Light Exposure Requirements Group](#)

Structure

```
<lido:displayObjectMeasurements>
```

Ultraviolet Light Exposure Requirements Measurements Group

Description

Element containing ultraviolet light exposure requirements measurements.

Unit ID

Ultraviolet_Light_Exposure_Requirements_Measurements_Group

How to record

Cardinality

0-1; but if visible light exposure requirements are given, then either [Ultraviolet Light Exposure Requirements Text](#) or [Ultraviolet Light Exposure Requirements Measurements Group](#) or both must be included.

Content type

element

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/ text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300443983']/  
lido:objectMeasurements
```

XPath object

```
lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and  
@lido:measurementsGroup='http://vocab.getty.edu/aat/300443983']/  
lido:objectMeasurements
```

Export

Context

[Ultraviolet Light Exposure Requirements Group](#)

Structure

```
<lido:objectMeasurements>  
  Maximum\_Ultraviolet\_Light\_Exposure  
  Target\_Ultraviolet\_Light\_Exposure  
  Upper\_Ultraviolet\_Light\_Wavelength\_Boundary
```

Maximum Ultraviolet Light Exposure

Description

The maximum permissible ultraviolet light exposure (in $\mu\text{W}/\text{lm}$).

Unit ID

Maximum_Ultraviolet_Light_Exposure

Examples

- 75
- 10

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443983 ⁷²
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁷³
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁷⁴
measurementType > term	only one value is permitted: maximum
measurementUnit	only one value is permitted: $\mu\text{W}/\text{lm}$

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/
```

⁷² URI for AAT term 'maximum'.

⁷³ Numeric URI for LIDO Terminology term 'URI'.

⁷⁴ @pref will be ignored by importers, because only one term is permissible here in EODEM.


```
lido:measurementsSet[lido:measurementType/  
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']  
[text()='http://vocab.getty.edu/aat/300443983']]lido:measurementUnit='μW/  
lm']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/  
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']  
[text()='http://vocab.getty.edu/aat/300443983']]lido:measurementUnit='μW/  
lm']/lido:measurementValue/text()
```

Export

Context

Ultraviolet Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>  
  <lido:measurementType>  
    <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300443983  
    <lido:term>maximum  
  
  <lido:measurementUnit>μW/lm  
  <lido:measurementValue>
```

Target Ultraviolet Light Exposure

Description

The target ultraviolet light exposure (in μW/lm).

Unit ID

Target_Ultraviolet_Light_Exposure

Examples

- 0
- 10

How to record

Authority

measurementType >
conceptID

only one value is permitted: [http://
vocab.getty.edu/aat/300443986](http://vocab.getty.edu/aat/300443986) ⁷⁵

measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁷⁶
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁷⁷
measurementType > term	only one value is permitted: maximum
measurementUnit	only one value is permitted: $\mu\text{W}/\text{lm}$

Cardinality

0-1

Content type

character data: floating point

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']
[text()='http://vocab.getty.edu/aat/300443986']][lido:measurementUnit='μW/
lm']/lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/
lido:measurementsSet[lido:measurementType/
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']
[text()='http://vocab.getty.edu/aat/300443986']][lido:measurementUnit='μW/
lm']/lido:measurementValue/text()
```

Export

⁷⁵ URI for AAT term 'targets (multidisciplinary concept)'.

⁷⁶ Numeric URI for LIDO Terminology term 'URI'.

⁷⁷ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Context

Ultraviolet Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>
  <lido:measurementType>
    <lido:conceptID lido:type="http://terminology.lido-schema.org/
      lido00099">http://vocab.getty.edu/aat/300443986
    <lido:term>targets (multidisciplinary concept)

  <lido:measurementUnit>µW/lm
  <lido:measurementValue>
```

Upper Ultraviolet Light Wavelength Boundary

Description

The longest wavelength, below which the maximum permissible ultraviolet light level applies (in nm).

Unit ID

Upper_Ultraviolet_Light_Wavelength_Boundary

Examples

- 380
- 400

How to record

Authority

measurementType > conceptID	only one value is permitted: http://vocab.getty.edu/aat/300443987 ⁷⁸
measurementType > conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁷⁹
measurementType > conceptID @pref	any numeric URI from LIDO Terminology: pref ⁸⁰
measurementType > term	only one value is permitted: maximum
measurementUnit	only one value is permitted: nm

Cardinality

0-1

Content type

character data: floating point

⁷⁸ URI for AAT term 'wavelength'.

⁷⁹ Numeric URI for LIDO Terminology term 'URI'.

⁸⁰ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Divergence from LIDO

- cardinality in measurementType (LIDO: 1-n)
- controlled terminology in measurementType > conceptID (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @type (LIDO: various values allowed)
- controlled terminology in measurementType > conceptID @pref (LIDO: various values allowed)
- controlled terminology in measurementType > term (LIDO: various values allowed)
- cardinality in measurementUnit (LIDO: 1-n)
- controlled terminology in measurementUnit (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/  
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']  
[text()='http://vocab.getty.edu/aat/300443987']][lido:measurementUnit='nm']/  
lido:measurementValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text()='http://terminology.lido-  
schema.org/lido00794']/lido:eventObjectMeasurements[@lido:type='http://  
terminology.lido-schema.org/lido00923' and @lido:measurementsGroup =  
'http://vocab.getty.edu/aat/300443983']/lido:objectMeasurements/  
lido:measurementsSet[lido:measurementType/  
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']  
[text()='http://vocab.getty.edu/aat/300443987']][lido:measurementUnit='nm']/  
lido:measurementValue/text()
```

Export

Context

Ultraviolet Light Exposure Requirements Measurements Group

Structure

```
<lido:measurementsSet>  
  <lido:measurementType>  
    <lido:conceptID lido:type="http://terminology.lido-schema.org/  
lido00099">http://vocab.getty.edu/aat/300443987  
    <lido:term>wavelength  
  
  <lido:measurementUnit>nm  
  <lido:measurementValue>
```

Installation Method

Description

Any instructions or requirements for the installation of the item.

Unit ID

Installation_Method

Examples

- The Borrower shall ensure: that the hanging method used to secure the Paintings to the wall is approved in advance by the NG Registrar.
- lender's attachments must be used
- 2 x mirror-plates and 2 x L-plates
- solid plinth as per agreed design

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/installation-note> ⁸¹

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/  
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://  
terminology.lido-schema.org/lido00794']/lido:event/  
lido:eventDescriptionSet[@lido:type = 'http://purl.org/spectrum/units/  
installation-note']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/  
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/  
lido00794']/lido:event/lido:eventDescriptionSet[@lido:type = 'http://purl.org/  
spectrum/units/installation-note']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Display Requirements Group

⁸¹ PURL for Spectrum candidate unit of information 'installation note'.

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/
installation-note">
  <lido:descriptiveNoteValue>
```

Display Method

Description

Any instructions or requirements for the display of the item.

Unit ID

Display_Method

Examples

- The Borrower shall ensure: that unglazed Paintings are protected behind a physical barrier rail one metre from the wall.
- in a sealed conditioned case
- not with ferrous metals
- no other items in case

How to record

Authority

eventDescriptionSet@type only one value is permitted: <http://purl.org/spectrum/units/display-recommendations>⁸²

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://
terminology.lido-schema.org/lido00794']/lido:event/
lido:eventDescriptionSet[@lido:type = 'http://purl.org/spectrum/units/display-
recommendations']/lido:descriptiveNoteValue/text()
```

XPath object

⁸² PURL for Spectrum unit of information 'display recommendations'.

lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/lido00794']/lido:event/lido:eventDescriptionSet[@lido:type = 'http://purl.org/spectrum/units/display-recommendations']/lido:descriptiveNoteValue/text()

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/display-recommendations">  
  <lido:descriptiveNoteValue>
```

Security

Description

Any instructions or requirements for the security of the item.

Unit ID

Security

Examples

- The Borrower shall ensure: that a sufficient number of guards is present in the building 24 hours a day seven days a week.
- case keys to be kept in key press
- invigilated at all times

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/security-requirements> ⁸³

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

⁸³ PURL for Spectrum candidate unit of information 'security requirements'.

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/  
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://  
terminology.lido-schema.org/lido00794']/lido:event/  
lido:eventDescriptionSet[@lido:type = 'http://purl.org/spectrum/units/security-  
requirements']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/  
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/  
lido00794']/lido:event/lido:eventDescriptionSet[@lido:type = 'http://purl.org/  
spectrum/units/security-requirements']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/security-  
requirements">  
  <lido:descriptiveNoteValue>
```

Photography And Filming

Description

Any restrictions or requirements relating to the photography and filming of the object whilst on loan.

Unit ID

Photography_And_Filming

Examples

- Filming and/or photography of the Paintings, packing cases or hanging methods is not permitted at any time during packing or unpacking, condition checking, installation or de -installation, when the loan is being handled in transit, or in any other circumstances where in the courier's opinion the safety of the painting might thereby be compromised. The Borrower shall apply to the National Gallery Picture Library (www.nationalgalleryimages.co.uk) for permission to reproduce images for the exhibition catalogue and any exhibition related publications as well as for non-commercial, archival, educational and promotional purposes. The Borrower shall obtain images from the National Gallery Picture Library. The NG owns the copyright in all photographic material supplied in whatever format , including digital. The Borrower shall apply to the National Gallery Picture Library for information regarding copyright and the terms and conditions for reproduction and colour transparency hire. The Borrower shall send 2 copies of the exhibition catalogue or related publication to the NG Registrar.

- no technical photography allowed
- no flash photography
- all film and photography lighting to be included total cumulative lux exposure

How to record

Authority

eventDescriptionSet @type only one value is permitted: <http://purl.org/spectrum/units/imaging-requirements> ⁸⁴

Cardinality

eventDescriptionSet	0-n
descriptiveNoteValue	0-n

Content type

character data: string

Divergence from LIDO

controlled terminology in eventDescriptionSet @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/
lido:eventSet[lido:event/lido:eventType/lido:conceptID/text() = 'http://
terminology.lido-schema.org/lido00794']/lido:event/
lido:eventDescriptionSet[@lido:type = 'http://purl.org/spectrum/units/imaging-
requirements']/lido:descriptiveNoteValue/text()
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet[lido:event/
lido:eventType/lido:conceptID/text() = 'http://terminology.lido-schema.org/
lido00794']/lido:event/lido:eventDescriptionSet[@lido:type = 'http://purl.org/
spectrum/units/imaging-requirements']/lido:descriptiveNoteValue/text()
```

Export

Context

Object Display Requirements Group

Structure

```
<lido:eventDescriptionSet lido:type="http://purl.org/spectrum/units/imaging-
requirements">
  <lido:descriptiveNoteValue>
```

Administrative Metadata

Description

⁸⁴ PURL for Spectrum candidate unit of information 'imaging requirements'.

The container for all administrative data relating to the object and the LIDO record (rather than data describing the object).

Unit ID

Administrative_Metadata

How to record

Cardinality

administrativeMetadata	1
recordWrap	1

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido/lido:administrativeMetadata

XPath object

lido:lido/lido:administrativeMetadata

Export

Context

EODEM Object

Structure

```
<lido:administrativeMetadata xml:lang="Record_Language">
  Credit_Line
  <lido:recordWrap>
    Local_Record_ID
    LIDO_Record_Type_Group
    Lender_Group_2_record_source
    Export_DateTimestamp

  <lido:resourceWrap>
    Image_Group
```

Credit line

Description

The acknowledgement which the lender requires to be published alongside the object.

Unit ID

Credit_Line

Examples

- Lent by the National Gallery, London
- © the Henry Moore Foundation
- On loan from the collections of Horniman Museum & Gardens
- Acquisition supported by the National Lottery through the Heritage Lottery Fund

How to record

Cardinality

rightsWorkWrap	0-1
rightsWorkSet	0-1
creditLine	0-1

Content type

character data: string

Divergence from LIDO

- cardinality rightsWorkSet (LIDO: 0-n)
- cardinality creditLine (LIDO: 0-n)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:rightsWorkWrap/  
lido:rightsWorkSet/lido:creditLine/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:rightsWorkWrap/lido:rightsWorkSet/  
lido:creditLine/text()
```

Export

Context

Administrative Metadata

Structure

```
<lido:rightsWorkWrap>  
  <lido:rightsWorkSet>  
    <lido:creditLine>
```

Local Record ID

Description

A unique identification in the contributor's (local) system.

Unit ID

Local_Record_ID

Examples

object-4077

How to record

Authority

@type any numeric URI from [LIDO Terminology: identifier_type](#)

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality recordID (LIDO: 1-n)
- controlled terminology in recordID @ type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordID[@lido:type='http://terminology.lido-schema.org/lido00100']/  
text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordID[@lido:type='http://terminology.lido-schema.org/lido00100']/  
text()
```

Export

Context

Administrative Metadata

Structure

```
<lido:recordID lido:type="http://terminology.lido-schema.org/lido00100">
```

LIDO Record Type Group

Description

A wrapper for the information that specifies whether the record represents an individual item or a collection, series or group of works.

Unit ID

LIDO_Record_Type_Group

How to record

Cardinality

1

Content type

element

XPath interchange

/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/
lido:recordType

XPath object

lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordType

Export

Context

Administrative Metadata

Structure

```
<lido:recordType>  
  LIDO_Record_Type_Identifier  
  LIDO_Record_Type_Keyword
```

LIDO Record Type Identifier

Description

An identifier in a controlled terminology for an individual term establishing whether the record represents an individual item or a collection, series or group of works.

Unit ID

LIDO_Record_Type_Identifier

Examples

- <http://terminology.lido-schema.org/lido00141>

How to record

Authority

conceptID	any numeric URI from LIDO Terminology: recordType
conceptID @type	only one value is permitted: http://terminology.lido-schema.org/lido00099 ⁸⁵
conceptID @pref	any numeric URI from LIDO Terminology: pref ⁸⁶

⁸⁵ Numeric URI for LIDO Terminology term 'URI'.

⁸⁶ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology in conceptID (LIDO: various values allowed)
- controlled terminology in conceptID @type (LIDO: various values allowed)
- controlled terminology in conceptID @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordType/lido:conceptID[@lido:type='http://terminology.lido-schema.org/  
lido00099']/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordType/  
lido:conceptID[@lido:type='http://terminology.lido-schema.org/lido00099']/  
text()
```

Export

Context

LIDO Record Type Group

Structure

```
<lido:conceptID lido:type="http://terminology.lido-schema.org/lido00099">
```

LIDO Record Type Keyword

Description

Term establishing whether the record represents an individual item or a collection, series or group of works.

Unit ID

LIDO_Record_Type_Keyword

Examples

- Item-level record

How to record

Authority

Any term from [LIDO Terminology: recordType](#).

Cardinality

1

Content type

character data: string

Divergence from LIDO

- cardinality (LIDO: 0-n)
- controlled terminology in term (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordType/lido:term/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordType/lido:term/  
text()
```

Export

Context

LIDO Record Type Group

Structure

```
<lido:term>
```

Lender Group [2: record source]

Description

Containing element for information identifying the institution lending the item and exporting the data, expressed as free text, optionally accompanied by one or more identifiers.

Unit ID

Lender_Group_2_record_source

How to record

Cardinality

1

Content type

element

Divergence from LIDO

cardinality (LIDO: 0-n)

XPath interchange

/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/
lido:recordSource

XPath object

lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordSource

Export

Context

Administrative Metadata

Structure

```
<lido:recordSource>  
  Lender_Identifier_2_record_source  
  Lender_Name_2_record_source
```

Lender Identifier [2: record source]

Description

The identifier, according to some established and published scheme, of the institution lending the item and exporting the data.

Unit ID

Lender_Identifier_2_record_source

Examples

- NG
- VAM
- LDHRN
- GB-UkOxU
- <http://vocab.getty.edu/ulan/500125190>

How to record

Authority

@type

any numeric URI from [LIDO Terminology: identifier_type](#)

@pref

any numeric URI from [LIDO Terminology: pref](#)

Cardinality

0-n

Content type

character data: string

Divergence from LIDO

- controlled vocabulary in @type (LIDO: various values allowed)
- controlled vocabulary in @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordSource/lido:legalBodyID/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordSource/  
lido:legalBodyID/text()
```

Export

Context

Lender Group [2: record source]

Structure

```
<lido:legalBodyID lido:type="Identifier_Type">
```

Lender Name [2: record source]

Description

The name or identifier of the institution lending the item and exporting the data.

Unit ID

Lender_Name_2_record_source

Examples

- The National Gallery
- Victoria and Albert Museum
- Національний Музей Історії України (National Museum of the History of Ukraine)

How to record

Authority

@pref any numeric URI from [LIDO Terminology: pref](#) ⁸⁷

Cardinality

1

Content type

character data: string

⁸⁷ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Divergence from LIDO

- cardinality (LIDO: 1-n)
- controlled vocabulary in @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordSource/lido:legalBodyName/lido:appellationValue/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/lido:recordSource/  
lido:legalBodyName/lido:appellationValue/text()
```

Export

Context

Lender Group [2: record source]

Structure

```
<lido:legalBodyName>  
<lido:appellationValue>
```

Export Date/Timestamp

Description

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 exports and imports.

Unit ID

Export_DateTimestamp

Examples

- 2020-06-02T22:51:55+01:00
- 2018-10-17T20:25:01Z
- 2018-10-17T20:25:01+03:00

How to record

Authority

recordInfoSet @type

only one value is permitted: <http://terminology.lido-schema.org/lido00470>⁸⁸

recordMetadataDate

value must provide a full date and time, with time zone information, compliant with ISO 8601⁸⁹

⁸⁸ Numeric URI for LIDO Terminology term 'LIDO record'.

⁸⁹ For an introduction, see https://en.wikipedia.org/wiki/ISO_8601.

recordMetadataDate @type only one value is permitted: <http://terminology.lido-schema.org/lido00472> ⁹⁰

Cardinality

recordInfoSet	1
recordMetadataDate	1

Content type

character data: date/time

Divergence from LIDO

- cardinality recordInfoSet (LIDO: 0-n)
- cardinality recordMetadataDate (LIDO: 0-n)
- controlled vocabulary in recordInfoSet @type (LIDO: various values allowed)
- controlled vocabulary in recordMetadataSet @type (LIDO: various values allowed)
- restricted format in recordMetadataSet (LIDO: various formats allowed, but Schematron will warn if not a full ISO 8601 date/time with time zone)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordInfoSet[@lido:type='http://terminology.lido-schema.org/lido00470']/  
lido:recordMetadataDate[@lido:type='http://terminology.lido-schema.org/  
lido00472']/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:recordWrap/  
lido:recordInfoSet[@lido:type='http://terminology.lido-schema.org/lido00470']/  
lido:recordMetadataDate[@lido:type='http://terminology.lido-schema.org/  
lido00472']/text()
```

Export

Context

Administrative Metadata

Structure

```
<lido:recordInfoSet lido:type="http://terminology.lido-schema.org/  
lido00470">  
  <lido:recordMetadataDate lido:type="http://terminology.lido-schema.org/  
lido00472">
```

Image Group

Description

⁹⁰ Numeric URI for LIDO Terminology term `created`.

Containing element for 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.

Unit ID

Image_Group

How to record

Cardinality

resourceWrap	0-1
resourceSet	0-n
resourceRepresentation	0-n

Content type

element

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:resourceWrap/  
lido:resourceSet
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:resourceWrap/lido:resourceSet
```

Export

Context

Administrative Metadata

Structure

```
<lido:resourceSet>  
  <lido:resourceRepresentation lido:type="http://terminology.lido-schema.org/  
  lido00464">  
    Image
```

Image

Description

The file name or, preferably, the URI of any associated images also being exchanged.

Unit ID

Image

Examples

- N-0035-00-000177-wpu.jpg
- https://museum.exchange.images/loan123/chair-reverse.tif
- IMG12345.jpg

How to record

Authority

linkResource	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
@pref	any numeric URI from LIDO Terminology: pref ⁹¹

Cardinality

1

Content type

character data: string

Divergence from LIDO

controlled vocabulary in @pref (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:resourceWrap/
lido:resourceSet/lido:resourceRepresentation[@lido:type='http://
terminology.lido-schema.org/lido00464']/lido:linkResource/text()
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:resourceWrap/lido:resourceSet/
lido:resourceRepresentation[@lido:type='http://terminology.lido-schema.org/
lido00464']/lido:linkResource/text()
```

Export

Context

Image Group

Structure

```
<lido:linkResource lido:formatResource="Image_Type">
```

⁹¹ @pref will be ignored by importers, because only one term is permissible here in EODEM.

Attributes

Identifier Type

Description

The type of identifier being shared – either a local identifier, a URI, or an IRI.

Unit ID

Identifier_Type

Examples

- <http://terminology.lido-schema.org/lido00099>
- <http://terminology.lido-schema.org/lido00100>

How to record

Authority

Only terms from below http://terminology.lido-schema.org/identifier_type in LIDO Terminology are permitted; these may be further restricted as a result of the precise context in which this attribute is used, in which case the restriction is noted under the containing element.

Cardinality

1

Content type

character data: string

Divergence from LIDO

controlled terminology (LIDO: various values are allowed)

Material/Technique Type

Description

Whether the identifier and / or keywords describes a material or a technique.

Unit ID

MaterialTechnique_Type

Examples

- <http://terminology.lido-schema.org/lido00132>

How to record

Authority

termMaterialsTech @type any numeric URI from [LIDO Terminology: termMaterialsTech_type](#)

Cardinality

0-1

Content type

character data: string

Divergence from LIDO

controlled terminology in termMaterialsTech @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech/@lido:type="#"
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:objectMaterialsTechWrap/lido:objectMaterialsTechSet/lido:materialsTech/  
lido:termMaterialsTech/@lido:type="#"
```

Maker Type

Description

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

Unit ID

Maker_Type

Examples

- <http://terminology.lido-schema.org/lido00163>

How to record

Authority

actor @type any numeric URI from [LIDO Terminology: actor_type](#)

Cardinality

0-1

Content type

character data: string

Divergence from LIDO

controlled terminology in actor @type (LIDO: various values allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/@lido:type
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:eventWrap/lido:eventSet/  
lido:event[lido:eventType/lido:conceptID/text() = 'http://terminology.lido-  
schema.org/lido00028']/lido:eventActor/lido:actorInRole/lido:actor/@lido:type
```

Title Type

Description

The type of name or title being recorded.

Unit ID

Title_Type

Examples

- title
- scientific name
- supplied title
- lender's title
- former title

How to record

Cardinality

1-n

Content type

character data: string

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:titleWrap/lido:titleSet/@lido:type
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/lido:titleWrap/  
lido:titleSet/@lido:type
```

Record Language

Description

The language of the overall object record or administrative record.

Unit ID

Record_Language

Examples

- en-GB
- fr
- sa
- tlh
- und

How to record

Authority

[IETF language code list](#).

Cardinality

1

Content type

character data: string

Divergence from LIDO

controlled terminology (LIDO: various values are allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/@xml:lang|/lido:lidoWrap/  
lido:lido/lido:administrativeMetadata/@xml:lang
```

XPath object

```
lido:lido/lido:descriptiveMetadata/@xml:lang|lido:lido/  
lido:administrativeMetadata/@xml:lang
```

Title Language

Description

The language of a specific title.

Unit ID

Title_Language

Examples

- en-GB
- fr
- sa
- tlh
- und

How to record

Authority

IETF language code list.

Cardinality

1

Content type

character data: string

Divergence from LIDO

controlled terminology (LIDO: various values are allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/  
lido:titleWrap/lido:titleSet/lido:appellationValue/@xml:lang
```

XPath object

```
lido:lido/lido:descriptiveMetadata/lido:objectIdentificationWrap/lido:titleWrap/  
lido:titleSet/lido:appellationValue/@xml:lang
```

Image Type

Description

The type of any associated images being exchanged.

Unit ID

Image_Type

Examples

image/jpeg

How to record

Authority

Only terms from the official IANA list are permitted.⁹²

Cardinality

0-1

Content type

character data: string

Divergence from LIDO

⁹² <http://www.iana.org/assignments/media-types/>.

controlled terminology in linkResource @formatResource (LIDO: various values are allowed)

XPath interchange

```
/lido:lidoWrap/lido:lido/lido:administrativeMetadata/lido:resourceWrap/  
lido:resourceSet/lido:resourceRepresentation/lido:linkResource/  
@lido:formatResource
```

XPath object

```
lido:lido/lido:administrativeMetadata/lido:resourceWrap/lido:resourceSet/  
lido:resourceRepresentation/lido:linkResource/@lido:formatResource
```

Indexes

Elements index

Administrative Metadata	121
Attribution Qualifier	58
Brief Description	32
Condition Checking	77
Condition Of Object	72
Credit line	122
Dimension	37
Dimension Aspect	40
Dimension Aspect Group	35
Dimension Group	36
Dimension Qualifier	41
Display Method	118
Display Production Date	59
Earliest Production Date	60
EODEM Exchange	18
EODEM Object	18
Export Date/Timestamp	130
Handling	74
Hazards	78
Image	132
Image Group	131
Installation Method	117
Insurance/Indemnity	70
Latest Production Date	62
Lender Group [1: repository]	28
Lender Group [2: record source]	127
Lender Identifier [1: repository]	29
Lender Identifier [2: record source]	128
Lender Name [1: repository]	30
Lender Name [2: record source]	129
LIDO Application Profile	21
LIDO Record ID	19
LIDO Record Type Group	124
LIDO Record Type Identifier	125
LIDO Record Type Keyword	126
Loan Assessment Group	65
Local Record ID	123
Maker Display Name	51
Maker Earliest Date	53
Maker Group	48
Maker Identification Group	49
Maker Identifier	50
Maker Latest Date	54
Maker Role Group	55
Maker Role Identifier	56
Maker Role Keyword	57
Maker Sort Name	52
Materials/Techniques Group	42
Material/Technique Description	42
Material/Technique Group	43
Material/Technique Identifier	44
Material/Technique Keyword	45
Maximum Cumulative Visible Light Exposure	105
Maximum Cumulative Visible Light Exposure Duration	107

Maximum Relative Humidity Variation	97
Maximum Temperature Variation	87
Maximum Ultraviolet Light Exposure	111
Maximum Visible Light Exposure	103
Measurement	39
Measurement Group	33
Measurement Text	34
Minimum Relative Humidity Variation Period	98
Minimum Temperature Variation Period	89
Object Display Requirements Group	79
Object Identifier	31
Object Metadata	22
Object Move Requirements Group	73
Object Production Group	46
Object Type Group	23
Object Type Identifier	24
Object Type Keyword	25
Photography And Filming	120
Production Date Group	59
Production Period Group	63
Production Period Identifier	63
Production Period Keyword	64
Relative Humidity Requirements Group	90
Relative Humidity Requirements Measurements Group	93
Relative Humidity Requirements Text	92
Security	119
Target Maximum Relative Humidity	95
Target Maximum Temperature	86
Target Minimum Relative Humidity	94
Target Minimum Temperature	84
Target Ultraviolet Light Exposure	113
Temperature Requirements Group	81
Temperature Requirements Measurements Group	83
Temperature Requirements Text	82
Title/Name	27
Title/Name Group	26
Transport	75
Ultraviolet Light Exposure Requirements Group	108
Ultraviolet Light Exposure Requirements Measurements Group	110
Ultraviolet Light Exposure Requirements Text	109
Unit	38
Upper Ultraviolet Light Wavelength Boundary	115
URI	20
Value	69
Value Currency	68
Value Group	67
Visible Light Exposure Requirements Group	100
Visible Light Exposure Requirements Measurements Group	102
Visible Light Exposure Requirements Text	101

Attributes index

Identifier Type	134
Image Type	138
Maker Type	135
Material/Technique Type	134
Record Language	136
Title Language	137

