

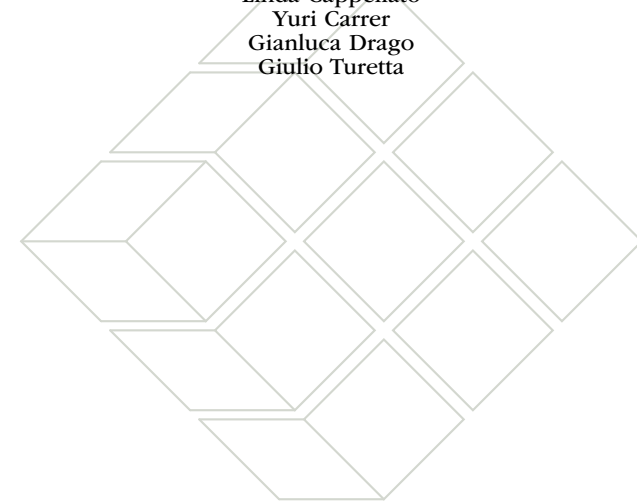
# PHAIDRA

## University of Vienna Metadata UWmetadata

Universität Wien

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UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

**SBA** SISTEMA BIBLIOTECARIO  
DI ATENEIO

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# University of Vienna Metadata

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**Description of document:** The following is the revised version of UWmetadata schema, the conceptual data model created by the University of Vienna to specify what characteristics of a digital object may be described and how these characteristics should be recorded. UWmetadata is the result of the expansion of the IEEE Learning Object Metadata (LOM) standard (IEEE 1484.12.1-2002), and the combination of elements of different metadata namespaces, which place this schema among the examples of Application Profile (AP). Similarly to LOM schema, it has a hierarchical tree structure composed of thirteen semantic wraps, or categories, which include distinct elements. For each category, elements and sub-elements comprised, the mandatory level [M] of usage in the Phaidra repository at the University of Padova is highlighted, and the visualisation of the hierarchical structure is maintained as reported in column "Description". A brief explanation and an example are also provided, and LOM reference is always specified as well.

**License:** <https://creativecommons.org/licenses/by-nc-sa/4.0/>

**isReferencedBy:** Budin, G, Mayer, W., Oberhuemer, P., Prillinger, Horst, Schinagl, K., Sestits, E., Winkler, J.: LOM Univie Schema. LOM Elemente zur Beschreibung digitaler Objekte aus Forschung und Lehre, April 2006 (2006).

## GENERAL | DATI GENERALI

This category groups the general information that describes the resource as a whole – It is a LOM top level category.

Description	Element	LOM reference	Example
<b>General [M]</b>	<b>ns1:general</b>	<b>LOM 1</b>	<b>&lt;ns1:general&gt;</b>
Identifier [M]	ns1:identifier	LOM 1.1	<ns1:identifier>PID_Phaidra</ns1:identifier>
Title [M]	ns1:title	LOM 1.2	<ns1:title language="ISO 639-1">titolo</ns1:title>
Subtitle	ns2:subtitle		<ns2:subtitle language="ISO 639-1">sottotitolo</ns2:subtitle>
Alternative Title	ns2:alt_title		<ns2:alt_title language="ISO 639-1">titolo alternativo</ns2:alt_title>
Language [M]	ns1:language	LOM 1.3	<ns1:language>ISO 639-1 lingua della risorsa</ns1:language>
Description or Additional Data [M]	ns1:description	LOM 1.4	<ns1:description language="ISO 639-1">descrizione</ns1:description>
Keywords	ns1:keyword	LOM 1.5	<ns1:keyword language="ISO 639-1">parole chiave</ns1:keyword>
Coverage	ns1:coverage	LOM 1.6	<ns1:coverage language="ISO 639-1">copertura (spaziale – temporale)</ns1:copertura>
Institutional Repository	ns2:irdata		<ns2:irdata>archivio istituzionale</ns2:irdata>
Identifiers	ns2:identifiers		
Resource	ns2:resource		<ns2:resource>id_risorsa (es.: DOI, eISSN, HTTP/WWW, ISBN, ISMN, ISSN, PI, PrintISSN, SYS Aleph / BID SBN, URN)</ns2:resource>
Identifier	ns2:identifier		<ns2:identifier>identificatore</ns2:identifier>

## LIFECYCLE | CICLO DI VITA

This category describes the history and current state of the resource and those entities that have affected the resource during its evolution – It is a LOM top level category.

Description	Element	LOM reference	Example
<b>Lifecycle [M]</b>	<b>ns1:lifecycle</b>	<b>LOM 2</b>	<b>&lt;ns1:lifecycle&gt;</b>
Phaidra Upload Date [M]	ns1:upload_date		<ns1:upload_date>data di caricamento dell'oggetto digitale in Phaidra</ns1:upload_date>
Version	ns1:version	LOM 2.1	<ns1:version>versione</ns1:version>
Status [M]	ns1:status	LOM 2.2	<ns1:status>stato</ns1:status>
Peer Reviewed	ns2:peer_reviewed		<ns2:peer_reviewed>sottoposto a revisione paritaria (non applicato)</ns2:peer_reviewed>
Contribute [M]	ns1:contribute	LOM 2.3	<ns1:contribute seq="numero di sequenza 0, 1, 2... ecc."></ns1:contribute>
Role [M]	ns1:role	LOM 2.3.1	<ns1:role>ruolo entità autore/contributore persona/ente</ns1:role>
Different role	ns1:ext_role		<ns1:ext_role>altro ruolo entità autore/contributore persona/ente</ns1:ext_role>
Entity / Personal data [M]	ns1:entity	LOM 2.3.2	<ns1:entity seq="numero di sequenza 0, 1, 2... ecc."></ns1:entity>
Firstname	ns3:firstname		<ns3:firstname>nome entità autore/contributore persona</ns3:firstname>
Lastname	ns3:lastname		<ns3:lastname>cognome entità autore/contributore persona</ns3:lastname>
Institution	ns3:institution		<ns3:institution>entità autore/contributore ente</ns3:institution>
Title	ns3:title1		<ns3:title1>titolazione1 entità autore/contributore</ns3:title1>
Title	ns3:title2		<ns3:title2>titolazione2 entità autore/contributore</ns3:title2>
Type	ns3:type		<ns3:type>tipo entità autore/contributore persona/ente</ns3:type>
Student ID	ns3:student_id		<ns3:student_id>numero di matricola</ns3:student_id>
ORCID	ns3:orcid		<ns3:orcid>identificatore orcid</ns3:orcid>

VIAF	ns3:viaf		<ns3:viaf>identificatore viaf</ns3:viaf>
WDQ	ns3:wdq		<ns3:wdq>identificatore wdq</ns3:wdq>
GND	ns3:gnd		<ns3:gnd>identificatore gnd</ns3:gnd>
LCNAF	ns3:lcnaf		<ns3:lcnaf>identificatore lcnaf</ns3:lcnaf>
ISNI	ns3:isni		<ns3:isni>identificatore isni</ns3:isni>
Date	ns1:date	LOM 2.3.3	<ns1:date>data associata all'entità autore/contributore persona/ente</ns1:date>

## TECHNICAL | DATI TECNICI

This category describes the technical requirements and characteristics of the resource – It is a LOM top level category.

Description	Element	LOM reference	Example
<b>Technical Data</b>	<b>ns1:technical</b>	<b>LOM 4</b>	<b>&lt;ns1:technical&gt;</b>
Format	ns1:format	LOM 4.1	<ns1:format>formato (MIMETYPE)</ns1:format>
Size	ns1:size	LOM 4.2	<ns1:size>dimensione</ns1:size>
Permanent Link	ns1:location	LOM 4.3	<ns1:location>link permanente</ns1:location>
Requirements	ns1:requirement	LOM 4.4	<ns1:requirement>requisiti</ns1:requirement>
Or-Composite	ns1:orcomposite	LOM 4.4.1	<ns1:orcomposite>o-struttura mista</ns1:orcomposite>
Type	ns1:type	LOM 4.4.1.1	<ns1:type>tipo</ns1:type>
Name	ns1:name	LOM 4.4.1.2	<ns1:name>nome</ns1:name>
Minimum version	ns1:minversion	LOM 4.4.1.3	<ns1:minversion>versione minima</ns1:minversion>
Maximum version	ns1:maxversion	LOM 4.4.1.4	<ns1:maxversion>versione massima</ns1:maxversion>
Installation Guide	ns1:installremarks	LOM 4.5	<ns1:installremarks>guida all'installazione</ns1:installremarks>
Other requirements for the use of the Object	ns1:otherrequirements	LOM 4.6	<ns1:otherrequirements>requisiti per l'utilizzo dell'oggetto</ns1:otherrequirements>
Duration	ns1:duration	LOM 4.7	<ns1:duration>durata</ns1:duration>

## EDUCATIONAL | AMBITO DIDATTICO

This category describes the key educational or pedagogic characteristics of the resource – It is a LOM top level category.  
Not applied at Phaidra UniPD.

Description	Element	LOM reference	5
<b>Educational</b>	<b>ns1:educational</b>	<b>LOM 5</b>	
Type of Teaching and Educational Resource	ns1:educational	LOM 5.2	
Interactivity Type	ns5:interactivitytype	LOM 5.1	
Interactivity Level	ns5:interactivitylevel	LOM 5.3	
Intended End User Role	ns5:enduserrole	LOM 5.5	
Didactic Context of Use	ns5:context	LOM 5.6	
Typical Age Range	ns5:agerange language=""	LOM 5.7	
Difficulty Level	ns5:difficulty	LOM 5.8	
Typical Learning Time	ns5:learningtime	LOM 5.9	
Description	ns5:description language=""	LOM 5.1	
Language	ns5:language	LOM 5.11	



## RIGHTS | DIRITTI & LICENZE

This category describes the intellectual property rights and conditions of use for the resource – It is a LOM top level category.

Description	Element	LOM reference	Example
<b>Right &amp; Licenses</b> [M]	<b>ns:1rights</b>	<b>LOM 6</b>	<b>&lt;ns:1rights&gt;</b>
Costs [M]	ns:1:cost	LOM 6.1	<ns:1:cost>costi</ns:1:cost>
Copyright and Other Restrictions [M]	ns:1:copyright	LOM 6.2	<ns:1:copyright>copyright e altre limitazioni</ns:1:copyright>
License Selected [M]	ns:1:license	LOM 6.4	<ns:1:license>tipo licenza</ns:1:license>
Description or Additional Data	ns:1:description	LOM 6.3	<ns:1:description language="ISO 639-1">note o precisazioni in merito a diritti e licenze</ns:1:description>

## ANNOTATIONS | COMMENTI

This category describes the intellectual property rights and conditions of use for the resource – It is a LOM top level category.  
Not applied at Phaidra UniPD.

Description	Element	LOM reference	Example
<b>Comments</b>		<b>LOM 8</b>	
Comments			
Entity / Personal data [M]		LOM 8.1	
Firstname			
Lastname			
Institution			
Title			
Date		LOM 8.2	
Description or Additional Data		LOM 8.3	

## CLASSIFICATION | CLASSIFICAZIONE

This category describes where the resource falls within a particular bibliographic classification system. To define multiple classifications there may be multiple instances of this category – It is a LOM top level category.

Description	Element	LOM reference	Example
<b>Classification</b>	<b>ns1:classification</b>	<b>LOM 9</b>	<b>&lt;ns1:classification&gt;</b>
Description or Additional Data	ns7:description	LOM 9.3	<ns7:description language="ISO 639-1">note e dati ulteriori relativi al sistema di classificazione</ns7:description>
Keywords	ns1:keyword	LOM 9.4	<ns1:keyword>parole chiave</ns1:keyword>
Purpose	ns1:purpose	LOM 9.1	<ns1:purpose>scopo</ns1:purpose>
Classifications (Classes, Sub-classes)	ns7:taxonpath	LOM 9.2	<ns1:taxonpath>struttura del sistema di classificazione (classificazione, classi e sottoclassi</ns1:taxonpath>
Source	ns7:source	LOM 9.2.1	<ns7:source>codice Phaidra relativo al sistema di classificazione</ns7:source>
Path	ns7:taxon	LOM 9.2.2	<ns7:taxon seq="0">codice Phaidra relativo alla notazione della classe, sottoclasse</ns7:taxon>

## ORGANIZATION | AFFERENZA

This category provides information on the institutional association about whom is responsible for the creation of the resource. It is a UWmetadata top level category.

Description	Element	LOM reference	Example
<b>Association</b>	<b>ns1:organization</b>		<b>&lt;ns1:organization&gt;</b>
Type of academic paper	ns8:hoschtyp		<ns8:hoschtyp>tipo di pubblicazione</ns8:hoschtyp>
Date of approbation period	ns8:approbation_period		<ns8:approbation_period>data di approvazione</ns8:approbation_period>
Organization association	ns8:orgassignment		<ns8:orgassignment>struttura</ns8:orgassignment>
Faculty	ns8:faculty		<ns8:faculty>scuola</ns8:faculty>
Institute	ns8:department		<ns8:department>struttura o progetto</ns8:department>
Study	ns8:curriculum		<ns8:curriculum>corso di laurea</ns8:curriculum>
Study Program Direction	ns8:spl		<ns8:spl>indicazione corso di laurea</ns8:spl>
Study ID	ns8:kennzahl		<ns8:kennzahl>id_corso di laurea</ns8:kennzahl>
Additional Allocation	ns8:further_allocation		<ns8:further_allocation>ulteriore assegnazione</ns8:further_allocation>

## HISTKULT | DATI DELL'OGGETTO ORIGINALE

This category defines the provenance of primary data – It is a UWmetadata top level category.

Description	Element	LOM reference	Example
<b>Contextual Allegation</b>	<b>ns9:histkult</b>		<b>&lt;ns9:histkult&gt;</b>
Inscription	ns9:inscription		<ns9:inscription language="ISO 639-1">descrizione della composizione materiale della risorsa</ns9:inscription>
Dimensions	ns9:dimensions		<ns9:dimensions>dimensioni</ns9:dimensions>
Source	ns9:resource		<ns9:resource>codice tipo materiale Phaidra</ns9:resource>
Measuring Unit	ns9:dimension_unit		<ns9:dimension_unit>unità di misura</ns9:dimension_unit>
Lenght	ns9:lenght		<ns9:lenght>lunghezza</ns9:lenght>
Width	ns9:width		<ns9:width>larghezza</ns9:width>
Hight	ns9:height		<ns9:height>altezza</ns9:hight>
Depth	ns9:depth		<ns9:depth>spessore/profondità</ns9:depth>
Circumference	ns9:diameter		<ns9:diameter>diametro</ns9:diameter>
Stamp	ns9:stamp		<ns9:stamp>timbro</ns9:stamp>
Note	ns9:note		<ns9:note>note</ns9:note>
Reference Number	ns9:reference_number		<ns9:reference_number>numero di riferimento</ns9:reference_number>
Reference	ns9:reference		<ns9:reference>riferimento</ns9:reference>
Number	ns9:number		<ns9:number>numero</ns9:number>
GeoCoordinates	ns9:gps		<ns9:gps>coordinate geografiche</ns9:gps>

## PROVENIENCE | PROVENIENZA

This category defines the provenance of primary data – It is a UWmetadata top level category.

Description	Element	LOM reference	Example
<b>Provenience</b>	<b>ns10:provenience</b>		<b>&lt;ns10:provenience&gt;</b>
Details about the source	ns10:contribute		<ns10:contribute>informazioni sulla fonte</ns10:contribute>
Digital or other source	ns10:resource		<ns10:resource>codice tipo di materiale Phaidra</ns10:resource>
Note	ns10:comment		<ns10:comment language="ISO 639-1">note</ns10:comment>
Role	ns10:role		<ns10:role>ruolo entità autore/contributore persona/ente</ns10:role>
Personal or Institutional Data	ns10:entity		<ns10:entity seq="numero di sequenza 0, 1, 2... ecc."></ns10:entity>
Firstname	ns11:firstname		<ns11:firstname>nome entità autore/contributore persona</ns11:firstname>
Lastname	ns11:lastname		<ns11:lastname>cognome entità autore/contributore persona</ns11:lastname>
Institution	ns11:institution		<ns11:institution>entità autore/contributore ente</ns11:institution>
Title1	ns11:title1		<ns11:title1>titolazione1 entità autore/contributore</ns11:title1>
Title2	ns11:title2		<ns11:title2>titolazione2 entità autore/contributore</ns11:title2>
Type	ns11:type		<ns11:type>tipo entità autore/contributore persona/ente</ns11:type>
Date from	ns10:date_from		<ns10:date_from>data a partire da</ns10:date_from>
Date until	ns10:date_to		<ns10:date_to>data fino a</ns10:date_to>
Time Coverage	ns10:chronological		<ns10:chronological>periodo</ns10:chronological>
Location	ns10:location		<ns10:location language="ISO 639-1">nome istituzione – segnatrice</ns10:location>

## DIGITAL BOOK → BIBLIOGRAPHIC DATA | DATI BIBLIOGRAFICI

This category describes the bibliographic information of the resource – It is a UWmetadata top level category.

Description	Element	LOM reference	Example
<b>Bibliographic data</b>	<b>ns12:digitalbook</b>		<b>&lt;ns12:digitalbook&gt;</b>
Name of Publication	ns12:name_magazine		<ns12:name_magazine language="ISO 639-1">titolo della pubblicazione</ns12:name_magazine>
Pages or Volume	ns12:pagination		<ns12:pagination>volume o pagine; altezza in cm</ns12:pagination>
Series Title	ns12:reihentitel		<ns12:reihentitel>titolo della collana o della rivista</ns12:reihentitel>
Volume	ns12:volume		<ns12:volume>volume della collana o della rivista</ns12:volume>
Number	ns12:number		<ns12:number>numero di fascicolo della rivista</ns12:volume>
From page	ns12:from_page		<ns12:from_page>da pagina</ns12:from_page>
To page	ns12:to_page		<ns12:to_page>a pagina</ns12:to_page>
Name of Collection	ns12:name_collection		<ns12:name_collection>titolo della collana</ns12:name_collection>
Publishing Address	ns12:publisherlocation		<ns12:publisherlocation>luogo di pubblicazione</ns12:publisherlocation>
Publisher	ns12:publisher		<ns12:publisher>nome editore</ns12:publisher>
Publication Date	ns12:releaseyear		<ns12:releaseyear>data di pubblicazione</ns12:releaseyear>
Edition	ns12:edition		<ns12:edition>edizione</ns12:edition>
Publication Dates (Release notes)	ns12:release_notes		<ns12:release_notes>note di rilascio della pubblicazione</ns12:release_notes>
Medium	ns12:medium		<ns12:medium>supporto</ns12:medium>
Aleph_URL	ns12:alephurl		<ns12:alephurl>URL catalogo del Sistema bibliotecario padovano</ns12:alephurl>

## ETHESIS | TESI ELETTRONICHE

UWmetadata top level category.  
Not applied at Phaidra UniPD.

Description	Element	LOM reference	Example
<b>eThesis</b>			
Consent form			
Title page identical			
PDF identical			
Show abstract			
Note 1			
Note 2			



## RELATIONS | RELAZIONI

**PHAIDRA RELATIONS** – The types of relationships supported by PHAIDRA are not encoded in the UWmetadata source scheme. Note that in the metadata profile PHAIDRA\_DublinCore they are all coded as an unrefined element dc:relation with the exception of the relation hasPart representing the inclusion of the collection object-members. E.g.: Collection  $\ni$  Object (hasCollectionMember  $\rightarrow$  hasPart. See: PHAIDRA\_DC Metadata Element Set Version 1.1 (2018) [http://phaidra.cab.unipd.it/static/phaidra\\_dcmetadata-element-set.pdf](http://phaidra.cab.unipd.it/static/phaidra_dcmetadata-element-set.pdf).)

**hasCollectionMember:** one-to-one relationship used to define the relation of inclusion of a collection of objects and the relationship of belonging of the objects as members of a collection – See: fedora / fedora-system: DEF / External relations - # hasCollectionMember

**references:** a related resource that is referenced, cited, or otherwise pointed to by the described resource. In Phaidra context used to connect two objects in a generic way – URI: <http://purl.org/dc/terms/references>

**isBackSideOf:** used to represent the relation front side/back side (recto/verso) of the described resource. For instance, if a picture is scanned from both sides, you can use this relation to connect the described resource representing the back side of the picture to the 'front side' related resource – URI: <http://phaidra.org/XML/V1.0/relations#isBackSideOf>

**hasSuccessor:** a related resource that is the newer version of the described resource – URI: <http://phaidra.univie.ac.at/XML/V1.0/relations#hasSuccessor>

**isAlternativeFormatOf:** a related resource, that is substantially the same as the described resource, but is in another format – URI: <http://phaidra.org/XML/V1.0/relations#isAlternativeFormatOf>

**isAlternativeVersionOf:** a related resource of which the described resource is a version, edition, or adaptation – URI: <http://phaidra.org/XML/V1.0/relations#isAlternativeVersionOf>