

Needed and optional data

For the CHO itself (ProvidedCHO):

Mandatory Properties for the ProvidedCHO

dc:title or **dc:description**

dc:language for text objects

dc:subject or **dc:type** or **dc:coverage** or **dcterms:spatial**

edm:type

Property	Note	Value type	Card.
Creator (Dc:creator)	Use for contributors to the CHO. If possible supply the identifier of the contributor from an authority source. Providers with richer role terms can elect to map a subset to dc:contributor and others to dc:creator. Repeat for multiple ontributors. <dc:contributor>Maria Callas</dc:contributor> or create a reference to an instance of the Agent class <dc:contributor rdf:resource="http://www.example.com/MariaCallas"/>	Literal or ref	0....n
WHERE AND WHEN (dc:coverage) NOT RECOMENDED	The spatial or temporal topic of the CHO. Use the more precise dcterms:spatial or dcterms:temporal properties if the data will support it. One of dc:coverage or dc:subject or dc:type or dcterms:spatial must be provided. <dc:coverage>1995-1996</dc:coverage> or <dc:coverage>Berlin</dc:coverage> or create a reference to an instance of a contextual class, for example, a Place class <dc:coverage rdf:resource="http://sws.geonames.org/2950159"/>	Literal or ref	0....n
dc:date	Use for a significant date in the life of the CHO. Consider using the sub-properties of dcterms:created or dcterms:issued.	literal or ref	0....n

	<dc:date>Early 20th century</dc:date> or <dc:date>1919</dc:date> or create a reference to an instance of the TimeSpan class <dc:date rdf:resource="http://semium.org/time/19xx_1_third"/>		
dc:description	A description of the CHO. Either dc:description or dc:title must be provided. <dc:description>Illustrated guide to airport markings and lighting signals, with particular reference to SMGCS (Surface Movement Guidance and Control System) for airports with low visibility conditions.</dc:description>	literal or ref	0....n
dc:identifier	An identifier of the original CHO. <dc:identifier>urn:isbn:9780387097466</dc:identifier>	literal	0....n
dc:language	The language of text CHOs and also for other types of CHO if there is a language aspect. Mandatory for TEXT objects, strongly recommended for other object types with a language element. Best practice is to use ISO 639 two- or three-letter primary language tags ³ . Repeat for multiple languages. <dc:language>it</dc:language>	literal	0....n
dc:publisher	The name of the publisher of the CHO. If possible supply the identifier of the publisher from an authority source. <dc:publisher>Oxford University Press</dc:publisher> or create a reference to an instance of the Agent class <dc:publisher rdf:resource="http://www.oup.com"/>	literal or ref	0....n
dc:relation	The name or identifier of a related resource, generally used for other related CHOs. Cf edm:isRelatedTo. <dc:relation>maps.crace.1/33</dc:relation> (Shelf mark) Or to provide a link to another object: <dc:relation rdf:resource="http://www.identifier/relatedObject"/>	literal or ref	0....n
dc:rights	Use to give the name of the rights holder of the CHO if possible or for more general rights information. (Note	literal or ref	0....n

	that the controlled edm:rights property relates to the digital objects and applies to the edm:WebResource and/or edm:Aggregation). <dc:rights>Copyright © British Library Board</dc:rights>		
dc:source	A related resource from which the described resource is derived in whole or in part i.e. the source of the original CHO. (Not the name of the content holder: for this see edm:dataProvider .) <dc:source>Security Magazine pp 3-12</dc:source>	literal or ref	0....n
dc:subject	The subject of the CHO. One of dc:subject or dc:coverage or dc:type or dcterms:spatial must be provided <dc:subject>trombone</dc:subject> or create a reference to an instance of the Concept class <dc:subject rdf:resource="http://id.loc.gov/authorities/subjects/sh85137992"/>	literal or ref	0....n
dc:title	The title of the CHO. Either dc:title or dc:description must be provided. Exact translations of the title can be provided using appropriate xml language attributes <dc:title xml:lang="en">Eight Weeks</dc:title> <dc:title xml:lang="it">Ocho semanas</dc:title>	literal	0....n
dc:type	The nature or genre of the CHO. Ideally the term(s) will be taken from a controlled vocabulary. One of dc:type or dc:subject or dc:coverage or dcterms:spatial must be provided. <dc:type>Book</dc:type> or <dc:type>trombone</dc:type> or create a reference to an instance of the Concept class <dc:type rdf:about="http://www.mimo-db.eu/HornbostelAndSachs/356/">	literal or ref	0....n
Alternative Title (dcterms:alternative)	Any alternative title of the CHO including abbreviations or translations that may not be exact. <dcterms:alternativexml:lang="en">Eight weeks: a novel</dcterms:alternative>	literal	0....n
dcterms:created	The date of creation of the CHO. <dcterms:created>Mid 16th century</dcterms:created> or	literal or ref	0....n

	<p><dcterms:created>1584</dcterms:created> or create a reference to an instance of the TimeSpan class <dcterms:created rdf:resource="http://semium.org/time/15xx_3_third"/></p>		
Where (dcterms:spatial)	<p>Spatial characteristics of the CHO. i.e. what the CHO represents or depicts in terms of space (e.g. a location, co-ordinate or place). Either dcterms:spatial or dc:type or dc:subject or dc:coverage must be provided. <dcterms:spatial>Portugal</dcterms:spatial> or create a reference to an instance of the Place class <dcterms:spatial rdf:resource="http://sws.geonames.org/2264397"/></p>	literal or ref	0....n
When (dcterms:temporal)	<p>Temporal characteristics of the CHO. i.e. what the CHO is about or depicts in terms of time (e.g. a period, date or date range.) <dcterms:temporal>Roman Empire</dcterms:temporal> or create a reference to an instance of the TimeSpan class <dcterms:temporal rdf:resource="http://semium.org/time/roman_empire"/></p>	literal or ref	0....n
edm:type	<p>The value must be one of the types accepted by Europeana as it will support portal functionality : TEXT, VIDEO, SOUND, IMAGE, 3D. (For 3D, when applicable, use the value "3D-PDF" in dc:format) <edm:type>IMAGE</edm:type> (upper-case) <edm:type>3D</edm:type> (upper-case)</p>	literal	1....1
edm:isRelatedTo	<p>The identifier or name of a concept or other resource to which the described CHO is related. E.g. Moby Dick is related to XIX Century literature. Cf dc:relation. <edm:isRelatedTo>Literature</edm:isRelatedTo > Or link to resource <edm:isRelatedTo rdf:resource="http://www.eionet.europa.eu/gemet/concept?cp=4850"/></p>	literal or ref	0....n

For the digital representations (edm:WebResource)

These are the properties that can be used for the class of edm:WebResource. This means that they are attributes of the digital representation of the provided cultural heritage object, not the cultural heritage object itself.

There may be more than one edm:WebResource for each edm:ProvidedCHO and they will all be linked via the ore:Aggregation. Each web resource provided should have its own set of properties.

Mandatory Properties: there are no mandatory properties for the edm:WebResource

Property	Note	Value type	Card.
dc:creator	For the creator of the WebResource. If possible supply the identifier of the creator from an authority source. Repeat for multiple creators. <dc:creator xml:lang="es">Biblioteca Nacional de España</dc:creator> or create a reference to an instance of the Agent class <dc:creator rdf:resource="http://viaf.org/viaf/147143794/" />	literal or ref	0....n
dc:description	Use for an account or description of this digital representation <dc:description>Performance with Buccin trombone/>	literal or ref	0....n
dc:rights	Use for the name of the rights holder of this digital representation if possible or for more general rights information. Note the difference between this property and the mandatory, controlled edm:rights property below. <dc:rights> Copyright © British Library Board</dc:rights>	literal or ref	0....n
dcterms:created	Date of creation of the web resource. <dcterms:created>2010</dcterms:created> or create a reference to an instance of the TimeSpan class <dc:date rdf:resource="http://semium.org/time/2010/" />	literal or ref	0....n
dc:format	Use for the format of this digital representation. (Use the value "3D-PDF" if appropriate.) <dc:format>image/jpeg</dc:format>	literal or ref	0....n
edm:rights	The value in this element will indicate the usage and access rights that apply to this	ref	0....1

	<p>digital representation. It is strongly recommended that a value is supplied for this property for each instance of a WebResource. The rights statement specified at the level of the web resource will 'override' the statement specified at the level of the aggregation.</p> <p>The value in this element is a URI taken from the set of those defined for use in Europeana. A list of these can be found at http://pro.europeana.eu/web/available-rights-statements</p> <pre><edm:rights rdf:resource="http://creativecommons.org/publicdomain/mark/1.0"/> <edm:rights rdf:resource="http://www.europeana.eu/rights/rr-f"/></pre>		
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